



NØRDIS DC Fan Coil Unit Two-pipe Duct

Technical Service Manual



Two-pipe Duct DC Fan Coil Unit

1. External Appearance	2
2. Feature.....	2
3. Product Lineup.....	3
4. Accessories.....	4
5. Specifications.....	5
6. Capacity Table.....	14
7. Static Pressure Graphs	86
8. Dimensions	98
9. Sound Levels.....	99
10. Space Requirement.....	112
11. Main PCB ports	113
12. Wiring Diagram	114
13. Installation.....	116
14. Optional wired controller.....	119
15. PCB control kit for FCU	120
16. Optional central controller	124
17. Optional 3-way valve assembly	128

DC Fan Coil Unit

1. External Appearance

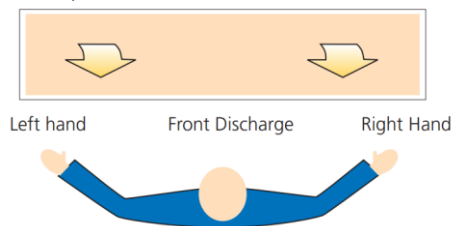


2. Feature

✦ Wider external static pressure supplying.

The factory default 12Pa, 30/50Pa can adjust in the field.

✦ Left or right hand piping connections, field convertible.



✦ Quiet operation

A patent design is able to prevent abnormal noise caused by blowing fins.

✦ Superior air distribution

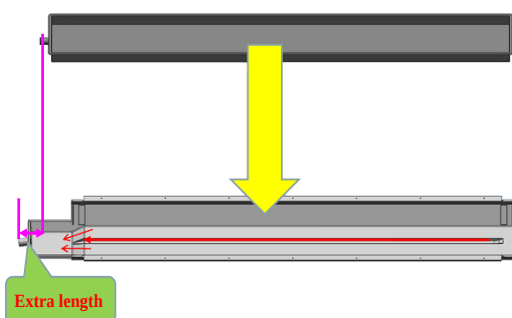
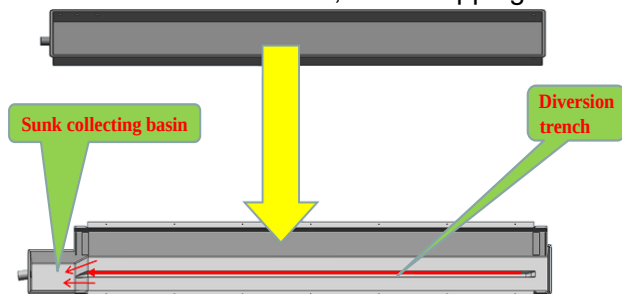
As the conditioned air can be distributed to every corner of the area by air duct, this will ensure more pleasant living environment, thus provide extra comfort to the occupants.

✦ Air return plenum

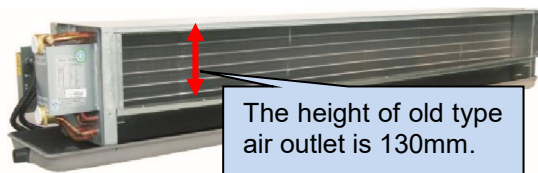
Units with air return plenum is standard and units without air return plenum can be customized.

✦ V type drain pan

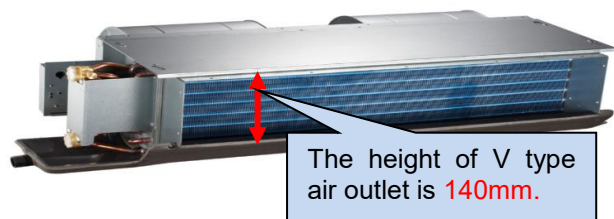
Diversion trench and sunk collecting basin design making better drainage. Longer length of V type drain pan can better receive the drain, water dripping from the water piping and valve connection.



The performance is improved for larger air outlet area.

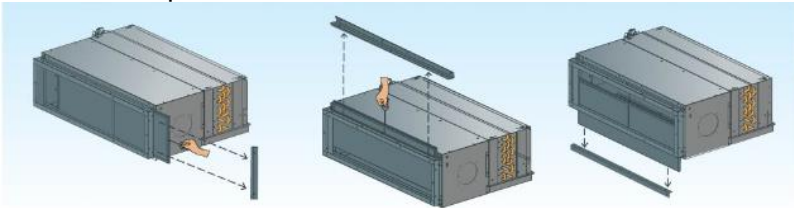


The height of old type air outlet is 130mm.



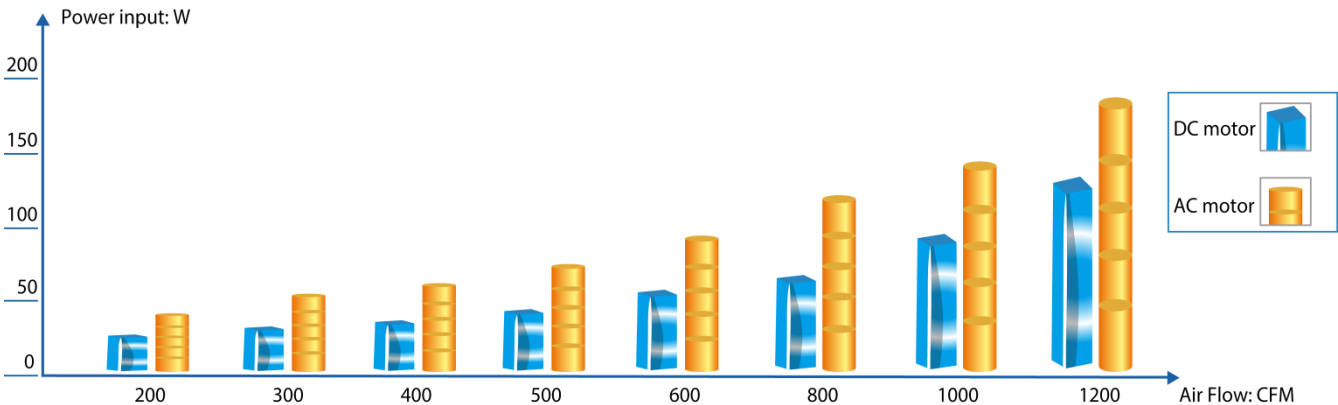
The height of V type air outlet is 140mm.

- Washable filter**
Iron frame filter is standard and aluminum frame filter can be customized.
Air outlet flange and multi-direction pull-out filter can be customized.

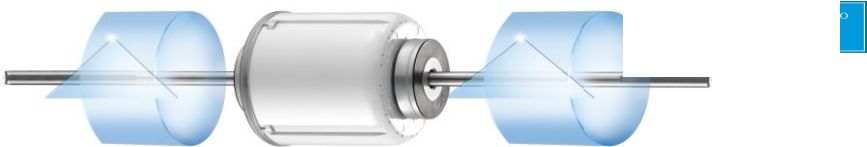


- Optional wired controller**
Optional wired controller offers simple and flexibility in controlling the unit.
- Wide application area**
220-240V/1Ph/50Hz power supply is standard and 208-230V/1Ph/60Hz can be customized.
- Excellent efficiency**

NØRDIS DC FCUs use the brushless DC motor, the DC motor efficiency up to 90%. Contrast with the original FCU. DC FCU power consumption can be reduced by about 30%.



- DC brushless motor**
DC motor with famous brand, energy saving, high operating efficiency, durable motor.
The motor adopts fully enclosed structure design. The motor bearing can operate 80,000 hours continuously and easy for maintenance.



- Low noise**
Centrifugal fan blades are made with lightweight materials to reduce noise.
Fan blades with optimized design make the aerodynamic performance better and with low noise.
The motor bearing with unique design makes less operation vibration.

3. Product Lineup

Type	200	300	400	500	600	800	1000	1200
2-Row duct (NFD-Vxxx-2-2P)	•	•	•	•	•	•	•	•
3-Row duct (NFD-Vxxx-3-2P)	•	•	•	•	•	•	•	•
4-Row duct (NFD-Vxxx-4-2P)	•	•	•	•	•	•	•	•

Note: The units with electric heater can be customized.

DC Fan Coil Unit

4. Accessories

4.1 Standard accessories

Accessory name	Qty.	Shape	Usage
Owner's & installation manual	1	/	Installation guide
Extended drain pan	1		Connect drain water from valve kit

4.2 Optional accessories

Accessory name	Qty.	Shape	Usage
PCB control kit CE-FCUKZ-03	1		Electric control
Wired controller KJR-18B/E	1		Wired control
Wired controller KJR-21B/D	1		Wired control
Central controller CCM03	1		Central control
3-way valve assembly	1		Water flow switch

5. Specifications

2-Row duct

Model			NFD-V200-2-2P	NFD-V300-2-2P	NFD-V400-2-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	439/295/221	615/439/310	792/622/413
		CFM	258/173/130	361/258/182	465/365/242
Standard external static pressure		Pa	12Pa (default) ⁴ ; 30/50Pa can be set through dial switch on PCB		
Cooling ¹	Capacity (H/M/L)	kW	2.02/1.52/1.17	2.82/2.33/1.79	3.31/2.78/2.14
	Water flow rate(H/M/L)	m³/h	0.37/0.28/0.22	0.51/0.41/0.32	0.59/0.50/0.38
	Water pressure drop(H/M/L)	kPa	6.3/3.60/2.20	14.20/10.5/7.30	19.40/14.80/9.60
	Power input(H/M/L)	W	18/9/6	25/15/11	29/16/9
Heating ²	Capacity (H/M/L)	kW	2.57/1.89/1.47	3.56/2.8/2.08	4.19/3.42/2.49
	Water flow rate(H/M/L)	m³/h	0.47/0.34/0.27	0.62/0.50/0.37	0.72/0.6/0.45
	Water pressure drop(H/M/L)	kPa	5.64/4.5/2.9	10.54/10.3/6.3	16.20/16.6/10
	Power input(H/M/L)	W	19/9/7	25/15/11	32/17/9
Heating ³	Capacity (H/M/L)	kW	2.98/2.22/1.73	4.12/3.26/2.39	4.91/4.1/3.02
	Water flow rate(H/M/L)	m³/h	0.37/0.28/0.22	0.51/0.41/0.32	0.59/0.50/0.38
	Water pressure drop(H/M/L)	kPa	7.90/3.5/2.3	15.40/7.40/4.80	23.00/12.10/7.80
	Power input(H/M/L)	W	19/9/7	25/15/11	31/18/9
Sound pressure level	0Pa (H/M/L)	dB(A)	37.5/27.4/24.0	40.3/33.1/26.7	41.1/34.7/26.8
Rated current		A	0.3	0.3	0.4
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK50-38G-1	WZDK100-38GS-2	WZDK100-38GS-2
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	2	2
Coil	Row		2	2	2
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	487x203	587x203	687x203
	Fin spacing	mm	1.8	1.8	1.8
	Fin type		Hydrophilic aluminum		
	Number of circuits		2	2	2
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	741×241×522	841×241×522	941×241×522
	PackingW×H×D	mm	790×260×555	890×260×560	990×260×560
	Net weight	kg	16.5	18.5	20
	Gross weight	kg	19	21.4	23.2
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

2-Row duct

Model			NFD-V500-2-2P	NFD-V600-2-2P	NFD-V800-2-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	887/620/443	1081/821/586	1492/1071/797
		CFM	521/364/260	635/482/344	877/630/468
Standard external static pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field		
Cooling ¹	Capacity (H/M/L)	kW	3.83/3.16/2.55	4.78/4.01/3.09	6.7/5.49/4.45
	Water flow rate(H/M/L)	m³/h	0.68/0.56/0.46	0.85/0.69/0.54	1.19/0.96/0.80
	Water pressure drop(H/M/L)	kPa	23.7/17.1/11.9	14.2/9.8/6.1	15.10/10.90/7.80
	Power input(H/M/L)	W	42/20/11	53/25/12	62/28/16
Heating ²	Capacity (H/M/L)	kW	4.84/3.9/3.01	6.25/5.17/4.03	8.39/6.64/5.2
	Water flow rate(H/M/L)	m³/h	0.84/0.69/0.53	1.10/0.91/0.7	1.46/1.17/0.91
	Water pressure drop(H/M/L)	kPa	30.8/32.4/20	12.36/14.2/8.9	13.26/13.10/8.30
	Power input(H/M/L)	W	45/22/12	58/27/13	66/30/16
Heating ³	Capacity (H/M/L)	kW	5.6/4.49/3.45	7.19/5.92/4.55	9.87/7.83/6.29
	Water flow rate(H/M/L)	m³/h	0.68/0.56/0.46	0.85/0.69/0.54	1.19/0.96/0.80
	Water pressure drop(H/M/L)	kPa	29.00/14.20/9.70	19.90/8.60/5.40	19.40/9.00/6.40
	Power input(H/M/L)	W	45/21/11	58/27/13	66/30/17
Sound pressure level	0Pa (H/M/L)	dB(A)	41.1/34.7/26.8	46.1/38.9/29.9	47.7/39.4/31.1
Rated current		A	0.5	0.6	0.6
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK100-38GS-2	WZDK100-38GS	WZDK100-38GS
	Quantity		1	1	2
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		2	2	4
Coil	Row		2	2	2
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	687x203	907x203	1207x203
	Fin spacing	mm	1.8	1.8	1.8
	Fin type		Hydrophilic aluminum		
	Number of circuits		2	3	4
Body	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
	DimensionsW×H×D	mm	941×241×522	1161×241×522	1461×241×522
	PackingW×H×D	mm	990×260×560	1210×260×560	1510×260×560
	Net weight	kg	20	22.2	31.4
Pipe connection	Gross weight	kg	23.2	26	35.8
	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/*(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

2-Row duct

Model			NFD-V1000-2-2P	NFD-V1200-2-2P
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	1824/1332/906	2327/1669/1135
		CFM	1072/783/532	1368/981/667
Standard external static pressure		Pa		
Cooling ¹	Capacity (H/M/L)	kW	7.92/6.62/5.15	9.83/8.5/6.46
	Water flow rate(H/M/L)	m³/h	1.43/1.17/0.91	1.74/1.42/1.12
	Water pressure drop(H/M/L)	kPa	23.20/16.40/10.90	50.30/30.40/21.70
	Power input(H/M/L)	W	93/42/19	136/66/30
Heating ²	Capacity (H/M/L)	kW	9.92/7.94/5.86	12.58/9.26/6.85
	Water flow rate(H/M/L)	m³/h	1.69/1.38/1.01	2.17/1.79/1.34
	Water pressure drop(H/M/L)	kPa	19.72/18.90/11.10	60.7/46.2/29.3
	Power input(H/M/L)	W	100/44/19	136/66/30
Heating ³	Capacity (H/M/L)	kW	11.63/9.37/6.96	14.58/11.82/8.83
	Water flow rate(H/M/L)	m³/h	1.43/1.17/0.91	1.74/1.42/1.12
	Water pressure drop(H/M/L)	kPa	26.70/14.00/9.10	60.7/26.5/17.8
	Power input(H/M/L)	W	99/45/19	119/55/24
Sound pressure level	0Pa (H/M/L)	dB(A)	50.2/43.0/33.0	50.9/44.0/33.8
Rated current		A	0.8	1
Fan motor	Type		DC Motor	DC Motor
	Brand		Panasonic	Panasonic
	Model		WZDK100-38GS	WZDK100-38GS
	Quantity		2	2
Fan	Type		Centrifugal, forward-curved Blades	
	Quantity		4	4
Coil	Row		3	3
	Max. Working pressure	MPa	1.6	1.6
	Coil length x height	mm	1312x203	1602x203
	Fin spacing	mm	1.8	1.8
	Fin type		Hydrophilic aluminum	
	Number of circuits		4	4
	Diameter	mm	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	1566×241×522	1856×241×522
	PackingW×H×D	mm	1615×260×560	1905×260×560
	Net weight	kg	32.5	37.5
	Gross weight	kg	37.2	42.8
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

3-Row duct

Model			NFD-V200-3-2P	NFD-V300-3-2P	NFD-V400-3-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	411/273/171	596/442/311	734/564/389
		CFM	241/160/100	350/260/182	431/331/228
Standard external static pressure		Pa	12Pa (default); 30/50Pa can be set through dial switch on PCB		
Cooling ¹	Capacity (H/M/L)	kW	2.35/1.72/1.32	3.12/2.72/2.1	3.99/3.26/2.5
	Water flow rate(H/M/L)	m³/h	0.43/0.31/0.25	0.6/0.48/0.37	0.69/0.57/0.43
	Water pressure drop(H/M/L)	kPa	13.6/8.6/6.3	23.8/16.4/11.3	13/9.3/5.8
	Power input(H/M/L)	W	17/9/7	23/15/10	26/15/9
Heating ²	Capacity (H/M/L)	kW	2.68/1.99/1.42	3.82/3.08/2.28	4.7/3.85/2.77
	Water flow rate(H/M/L)	m³/h	0.49/0.35/0.26	0.67/0.54/0.41	0.82/0.67/0.50
	Water pressure drop(H/M/L)	kPa	12.6/7.6/4.9	25/17.6/11.3	13/10.5/6.2
	Power input(H/M/L)	W	18/9/7	23/15/10	26/16/9
Heating ³	Capacity (H/M/L)	kW	3.17/2.27/1.75	4.51/3.61/2.71	5.52/4.55/3.27
	Water flow rate(H/M/L)	m³/h	0.43/0.31/0.25	0.60/0.48/0.37	0.69/0.57/0.43
	Water pressure drop(H/M/L)	kPa	10.3/6.1/4.2	19.2/12.9/8.5	10.8/7.7/4.8
	Power input(H/M/L)	W	18/9/7	23/15/10	28/16/9
Sound pressure level	0Pa (H/M/L)	dB(A)	38.1/28.4/23.4	36.4/29.5/20.7	38.4/32.2/24.0
Rated current		A	0.3	0.3	0.3
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK50-38G-1	WZDK100-38GS-2	WZDK100-38GS-2
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	2	2
Coil	Row		3	3	3
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	485x216	585x216	685x216
	Fin spacing	mm	2.2	2.2	2.2
	Fin type		Hydrophilic aluminum		
	Number of circuits		2	2	2
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	741×241×522	841×241×522	941×241×522
	PackingW×H×D	mm	790×260×555	890×260×560	990×260×560
	Net weight	kg	16.7	19	21
	Gross weight	kg	19.7	22	24
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/*(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

3-Row duct

Model			NFD-V500-3-2P	NFD-V600-3-2P	NFD-V800-3-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	865/626/441	1022/760/544	1452/1038/781
		CFM	508/368/259	601/447/320	854/610/459
Standard external static pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field		
Cooling ¹	Capacity (H/M/L)	kW	4.46/3.59/2.83	5.85/4.82/3.78	8.02/6.36/5.08
	Water flow rate(H/M/L)	m³/h	0.79/0.63/0.50	1.05/0.85/0.65	1.42/1.11/0.89
	Water pressure drop(H/M/L)	kPa	16.4/11.3/7.6	31.4/22/14.2	31.6/20.5/13.9
	Power input(H/M/L)	W	39/19/11	49/24/12	60/28/16
Heating ²	Capacity (H/M/L)	kW	5.27/4.21/3.21	6.62/5.38/4	9.15/7.08/5.58
	Water flow rate(H/M/L)	m³/h	0.92/0.73/0.57	1.15/0.94/0.71	1.59/1.26/0.98
	Water pressure drop(H/M/L)	kPa	18.4/12.4/8.1	31.7/22.2/13.6	32.9/21.6/13.9
	Power input(H/M/L)	W	43/21/11	53/26/12	65/30/17
Heating ³	Capacity (H/M/L)	kW	6.26/4.99/3.81	7.84/6.35/4.81	10.88/8.46/6.68
	Water flow rate(H/M/L)	m³/h	0.79/0.63/0.50	1.05/0.85/0.65	1.42/1.11/0.89
	Water pressure drop(H/M/L)	kPa	13.7/9.5/6.3	26.4/18.2/11.4	26.3/16.9/11.5
	Power input(H/M/L)	W	43/21/11	52/25/13	65/30/17
Sound pressure level	0Pa (H/M/L)	dB(A)	44.3/36.3/27.9	46.1/39.0/30.3	44.9/36.1/27.7
Rated current		A	0.4	0.5	0.6
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK100-38GS-2	WZDK100-38GS-2	WZDK100-38GS
	Quantity		1	1	2
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		2	2	4
Coil	Row		3	3	3
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	685x216	905x216	1205x216
	Fin spacing	mm	2.2	2.2	2.2
	Fin type		Hydrophilic aluminum		
	Number of circuits		3	3	4
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	941×241×522	1161×241×522	1461×241×522
	PackingW×H×D	mm	990×260×560	1210×260×560	1510×260×560
	Net weight	kg	21	23.7	33
	Gross weight	kg	24	27.2	37.2
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/*(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

3-Row duct

Model			NFD-V1000-3-2P	NFD-V1200-3-2P
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	1824/1332/906	2134/1581/1083
		CFM	1072/783/532	1255/930/637
Standard external static pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field	
Cooling ¹	Capacity (H/M/L)	kW	8.96/7.37/5.66	10.79/8.86/6.79
	Water flow rate(H/M/L)	m³/h	1.59/1.29/0.98	1.93/1.57/1.20
	Water pressure drop(H/M/L)	kPa	24.1/16.9/10.8	26.3/18.8/12.8
	Power input(H/M/L)	W	96/43/19	106/49/21
Heating ²	Capacity (H/M/L)	kW	10.74/8.55/6.35	12.62/10.15/7.47
	Water flow rate(H/M/L)	m³/h	1.88/1.51/1.13	2.23/1.78/1.31
	Water pressure drop(H/M/L)	kPa	28.3/19.4/12	29.4/20/11.9
	Power input(H/M/L)	W	100/45/20	115/52/22
Heating ³	Capacity (H/M/L)	kW	12.61/10.04/7.35	14.9/11.92/8.89
	Water flow rate(H/M/L)	m³/h	1.59/1.29/0.98	1.93/1.57/1.20
	Water pressure drop(H/M/L)	kPa	21.1/14.8/9.5	22.6/16/10.2
	Power input(H/M/L)	W	99/44/19	114/51/22
Sound pressure level	0Pa (H/M/L)	dB(A)	47.8/40.7/30.7	48.9/41.8/31.7
Rated current		A	0.9	1
Fan motor	Type		DC Motor	DC Motor
	Brand		Panasonic	Panasonic
	Model		WZDK100-38GS	WZDK100-38GS
	Quantity		2	2
Fan	Type		Centrifugal, forward-curved Blades	
	Quantity		4	4
Coil	Row		3	3
	Max. Working pressure	MPa	1.6	1.6
	Coil length x height	mm	1310x216	1600x216
	Fin spacing	mm	2.2	2.2
	Fin type		Hydrophilic aluminum	
	Number of circuits		5	6
	Diameter	mm	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	1566×241×522	1856×241×522
	PackingW×H×D	mm	1615×260×560	1905×260×560
	Net weight	kg	34.7	39.2
	Gross weight	kg	39.2	44.4
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/*(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

4-Row duct

Model			NFD-V200-4-2P	NFD-V300-4-2P	NFD-V400-4-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	441/297/227	627/468/338	778/537/349
		CFM	259/174/133	368/275/198	458/316/205
Standard external static pressure		Pa	12Pa (default); 30/50Pa can be set through dial switch on PCB		
Cooling ¹	Capacity (H/M/L)	kW	2.22/1.59/1.2	3.19/2.58/1.87	4.06/3.26/2.41
	Water flow rate(H/M/L)	m³/h	0.40/0.30/0.23	0.57/0.47/0.34	0.72/0.59/0.43
	Water pressure drop(H/M/L)	kPa	2.44/1.52/1	5.2/3.6/2.4	8.4/5.9/3.49
	Power input(H/M/L)	W	17/9/6	21/12/7	29/16/9
Heating ²	Capacity (H/M/L)	kW	2.81/2/1.54	3.88/3.09/2.35	4.8/3.42/2.49
	Water flow rate(H/M/L)	m³/h	0.51/0.37/0.29	0.67/0.56/0.42	0.84/0.68/0.51
	Water pressure drop(H/M/L)	kPa	2.0/1.8/1.2	5.0/4.3/2.8	11.27/7.0/4.2
	Power input(H/M/L)	W	18/9/7	23/13/8	32/18/10
Heating ³	Capacity (H/M/L)	kW	3.23/2.32/1.75	4.5/3.6/2.68	5.6/4.59/3.36
	Water flow rate(H/M/L)	m³/h	0.40/0.30/0.23	0.57/0.47/0.34	0.72/0.59/0.43
	Water pressure drop(H/M/L)	kPa	3.0/1.2/0.7	5.9/3.1/1.9	9.1/4.9/2.8
	Power input(H/M/L)	W	19/9/6	23/13/8	32/18/10
Sound pressure level	0Pa (H/M/L)	dB(A)	37.3/27.4/22.2	39.6/32.5/25.0	41.1/34.5/26.4
Rated current		A	0.3	0.3	0.4
Fan motor	Type		DC motor	DC motor	DC motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK50-38G-1	WZDK100-38GS-2	WZDK100-38GS-2
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	2	2
Coil	Row		4	4	4
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	487x203	587x203	687x203
	Fin spacing	mm	2.2	2.2	2.2
	Fin type		Hydrophilic aluminum		
	Number of circuits		4	4	4
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	741×241×522	841×241×522	941×241×522
	PackingW×H×D	mm	790×260×555	890×260×560	990×260×560
	Net weight	kg	17.8	20	21.9
	Gross weight	kg	20.4	22.9	25.1
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

4-Row duct

Model			NFD-V500-4-2P	NFD-V600-4-2P	NFD-V800-4-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	884/642/461	1056/793/575	1506/1084/822
		CFM	520/377/271	621/466/338	885/637/483
Standard external static pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field		
Cooling ¹	Capacity (H/M/L)	kW	4.46/3.56/2.78	5.87/4.78/3.68	6.65/5.04/3.61
	Water flow rate(H/M/L)	m³/h	0.80/0.63/0.50	1.06/0.86/0.65	1.19/0.88/0.64
	Water pressure drop(H/M/L)	kPa	11.6/8.1/5.6	19.4/13.6/8.5	8.8/5.1/2.8
	Power input(H/M/L)	W	43/23/14	51/25/12	61/27/16
Heating ²	Capacity (H/M/L)	kW	5.44/4.23/3.23	6.47/5.18/3.91	8.36/6.32/4.77
	Water flow rate(H/M/L)	m³/h	0.96/0.76/0.57	1.11/0.90/0.67	1.43/1.12/0.86
	Water pressure drop(H/M/L)	kPa	10.6/9.8/6.7	16.31/12.6/7.41	7.7/7.0/4.3
	Power input(H/M/L)	W	41/22/14	56/27/13	66/30/16
Heating ³	Capacity (H/M/L)	kW	6.25/4.88/3.74	7.72/6.19/4.68	9.55/7.14/5.23
	Water flow rate(H/M/L)	m³/h	0.80/0.63/0.50	1.06/0.86/0.65	1.19/0.88/0.64
	Water pressure drop(H/M/L)	kPa	14.06/7.6/5.5	17.92/11.31/7	10.9/4.49/2.5
	Power input(H/M/L)	W	42/21/11	56/27/13	67/29/16
Sound pressure level	0Pa (H/M/L)	dB(A)	44.8/37.2/29.8	46.1/39.4/30.7	47.4/39.1/32.1
Rated current		A	0.4	0.5	0.6
Fan motor	Type		DC motor	DC motor	DC motor
	Brand		Panasonic	Panasonic	Panasonic
	Model		WZDK100-38GS-2	WZDK100-38GS-2	WZDK100-38GS
	Quantity		1	1	2
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		2	2	4
Coil	Row		4	4	4
	Max. Working pressure	MPa	1.6	1.6	1.6
	Coil length x height	mm	687x203	907x203	1207x203
	Fin spacing	mm	2.2	2.2	2.2
	Fin type		Hydrophilic aluminum		
	Number of circuits		4	4	8
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	941×241×522	1161×241×522	1461×241×522
	PackingW×H×D	mm	990×260×560	1210×260×560	1510×260×560
	Net weight	kg	21.9	25	34.8
	Gross weight	kg	25.1	28.8	39.2
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

Model			NFD-V1000-4-2P	NFD-V1200-4-2P
Power supply		V/Ph/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	1813/1341/932	2134/1617/1119
		CFM	1066/788/548	1255/951/658
Standard external static pressure		Pa	The factory default 12Pa,30/50Pa can adjust in the field	
Cooling ¹	Capacity (H/M/L)	kW	7.98/6.19/4.37	9.76/7.81/5.72
	Water flow rate(H/M/L)	m³/h	1.47/1.12/0.78	1.78/1.41/1.02
	Water pressure drop(H/M/L)	kPa	13.8/8.6/4.8	22.3/15.0/9.0
	Power input(H/M/L)	W	93/42/18	109/50/22
Heating ²	Capacity (H/M/L)	kW	9.89/7.79/5.67	11.76/9.32/6.76
	Water flow rate(H/M/L)	m³/h	1.68/1.35/1.00	2.01/1.60/1.15
	Water pressure drop(H/M/L)	kPa	22.08/18.9/11.1	20.04/16.93/9.62
	Power input(H/M/L)	W	102/46/20	119/55/24
Heating ³	Capacity (H/M/L)	kW	11.55/9/6.46	14.34/11.31/8.3
	Water flow rate(H/M/L)	m³/h	1.47/1.12/0.78	1.78/1.41/1.02
	Water pressure drop(H/M/L)	kPa	15.4/7.5/4.1	24.9/13.5/13.5
	Power input(H/M/L)	W	103/46/20	121/54/23
Sound pressure level	0Pa (H/M/L)	dB(A)	50.4/42.7/33.1	50.7/43.8/34.5
Rated current		A	0.9	1
Fan motor	Type		DC motor	DC motor
	Brand		Panasonic	Panasonic
	Model		WZDK100-38GS	WZDK100-38GS
	Quantity		2	2
Fan	Type		Centrifugal, forward-curved Blades	
	Quantity		4	4
Coil	Row		4	4
	Max. Working pressure	MPa	1.6	1.6
	Coil length x height	mm	1312x203	1602x203
	Fin spacing	mm	2.2	2.2
	Fin type		Hydrophilic aluminum	
	Number of circuits		8	8
	Diameter	mm	Φ9.52	Φ9.52
Body	DimensionsW×H×D	mm	1566×241×522	1856×241×522
	PackingW×H×D	mm	1615×260×560	1905×260×560
	Net weight	kg	36.4	41.9
	Gross weight	kg	41.9	47.2
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	inch	R3/4	R3/4

Notes:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.ESP=0Pa

1 :Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.

2 :Heating mode (1) : (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C, high fan speed.

3 :Heating mode (2) : (2-pipe coil): entering air temperature 20°C DB, enter water teperaure/water flow 50°C/(same water flow as in standard rating condition in cooling)

4:12Pa(default): Factory setting.

DC Fan Coil Unit

6. Capacity Table

Cooling Capacity Table (2-row duct)

NFD-V200-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	1.85	1.50	0.53	11.19	1.83	1.74	0.53	10.97	1.97	1.97	0.57	12.42	2.20	2.20	0.63	15.02	2.43	2.43	0.69	17.55
		17	2.55	1.51	0.73	19.36	2.53	1.74	0.73	19.14	2.51	1.97	0.72	18.60	2.49	2.20	0.71	18.37	2.47	2.43	0.70	18.07
		19	-	-	-	-	3.27	1.74	0.93	29.48	3.25	1.98	0.93	29.14	3.23	2.21	0.92	28.81	3.21	2.44	0.92	28.49
		20	-	-	-	-	3.67	1.75	1.05	35.99	3.64	1.98	1.04	35.59	3.62	2.21	1.04	35.21	3.60	2.44	1.03	34.82
	4	15	1.51	1.35	0.32	4.79	1.59	1.58	0.34	5.21	1.82	1.82	0.39	6.60	2.06	2.06	0.44	8.10	2.28	2.28	0.49	9.70
		17	2.22	1.36	0.48	9.24	2.20	1.59	0.47	9.13	2.19	1.83	0.47	9.01	2.16	2.06	0.47	8.84	2.29	2.29	0.49	9.73
		19	-	-	-	-	2.95	1.60	0.63	14.87	2.93	1.83	0.63	14.70	2.91	2.06	0.62	14.54	2.89	2.29	0.62	14.37
		20	-	-	-	-	3.35	1.60	0.72	18.71	3.32	1.84	0.72	18.50	3.30	2.07	0.71	18.29	3.28	2.30	0.71	18.09
	5	15	1.19	1.17	0.20	1.76	1.43	1.43	0.25	2.83	1.67	1.67	0.29	3.85	1.91	1.91	0.33	4.82	2.14	2.14	0.37	5.83
		17	1.86	1.20	0.32	4.63	1.85	1.44	0.32	4.57	1.82	1.67	0.31	4.48	1.91	1.90	0.33	4.82	2.14	2.14	0.37	5.85
		19	-	-	-	-	2.60	1.45	0.45	8.18	2.59	1.69	0.44	8.08	2.57	1.92	0.44	7.99	2.55	2.15	0.44	7.89
		20	-	-	-	-	3.00	1.45	0.51	10.43	2.98	1.69	0.51	10.31	2.96	1.92	0.51	10.20	2.94	2.15	0.50	10.08
	6	15	1.08	1.08	0.15	0.86	1.30	1.30	0.19	1.37	1.52	1.52	0.22	2.10	1.75	1.75	0.25	2.97	1.99	1.99	0.28	3.77
		17	1.48	1.05	0.21	1.98	1.47	1.29	0.21	1.92	1.51	1.50	0.22	2.09	1.75	1.75	0.25	2.98	1.99	1.99	0.28	3.78
		19	-	-	-	-	2.24	1.30	0.32	4.64	2.23	1.54	0.32	4.58	2.21	1.77	0.32	4.52	2.19	2.00	0.31	4.44
		20	-	-	-	-	2.65	1.31	0.38	6.16	2.63	1.54	0.38	6.09	2.61	1.78	0.37	6.01	2.59	2.01	0.37	5.94
7	3	15	1.30	1.26	0.37	5.99	1.50	1.50	0.43	7.61	1.73	1.73	0.50	9.76	1.97	1.97	0.56	12.10	2.20	2.20	0.63	14.63
		17	2.01	1.27	0.58	12.58	2.00	1.50	0.57	12.42	1.98	1.74	0.57	12.22	1.97	1.97	0.56	12.14	2.20	2.20	0.63	14.68
		19	-	-	-	-	2.74	1.51	0.79	21.46	2.72	1.74	0.78	21.21	2.70	1.97	0.77	20.96	2.69	2.21	0.77	20.88
		20	-	-	-	-	3.13	1.51	0.90	27.13	3.11	1.75	0.89	26.82	3.09	1.98	0.89	26.52	3.07	2.21	0.88	26.21
	4	15	1.11	1.11	0.24	2.67	1.35	1.35	0.29	3.89	1.59	1.59	0.34	5.14	1.82	1.82	0.39	6.49	2.05	2.05	0.44	7.96
		17	1.66	1.12	0.36	5.55	1.65	1.36	0.35	5.45	1.63	1.59	0.35	5.35	1.83	1.83	0.39	6.51	2.06	2.06	0.44	7.98
		19	-	-	-	-	2.40	1.36	0.52	10.39	2.38	1.60	0.51	10.27	2.37	1.83	0.51	10.14	2.35	2.06	0.51	9.99
		20	-	-	-	-	2.80	1.37	0.60	13.59	2.78	1.60	0.60	13.43	2.76	1.84	0.60	13.28	2.74	2.07	0.59	13.12
	5	15	0.98	0.98	0.17	1.10	1.20	1.20	0.21	1.90	1.44	1.44	0.25	2.90	1.67	1.67	0.29	3.81	1.91	1.91	0.33	4.76
		17	1.27	0.96	0.22	2.18	1.25	1.20	0.22	2.11	1.44	1.44	0.25	2.91	1.68	1.68	0.29	3.82	1.91	1.91	0.33	4.77
		19	-	-	-	-	2.04	1.22	0.35	5.30	2.02	1.45	0.35	5.23	2.02	1.68	0.37	6.30	1.98	1.92	0.34	5.05
		20	-	-	-	-	2.44	1.22	0.42	7.20	2.42	1.46	0.42	7.11	2.40	1.69	0.41	7.03	2.38	1.92	0.41	6.93
	6	15	0.86	0.86	0.12	0.60	1.08	1.08	0.16	0.90	1.30	1.30	0.19	1.46	1.53	1.53	0.22	2.23	1.76	1.76	0.25	3.03
		17	0.99	0.86	0.14	0.73	1.09	1.09	0.16	0.90	1.30	1.30	0.19	1.47	1.53	1.53	0.22	2.24	1.76	1.76	0.25	3.04
		19	-	-	-	-	1.63	1.06	0.23	2.61	1.61	1.30	0.23	2.54	1.59	1.53	0.23	2.47	1.77	1.77	0.25	3.06
		20	-	-	-	-	2.05	1.07	0.30	3.96	2.04	1.31	0.29	3.91	2.02	1.54	0.29	3.85	2.00	1.78	0.29	3.77
9	3	15	1.02	1.02	0.29	3.92	1.26	1.26	0.36	5.60	1.50	1.50	0.43	7.51	1.73	1.73	0.50	9.62	1.96	1.96	0.56	11.91
		17	1.44	1.03	0.41	6.98	1.42	1.27	0.41	6.82	1.50	1.50	0.43	7.51	1.74	1.74	0.50	9.65	1.97	1.97	0.56	11.95
		19	-	-	-	-	2.17	1.27	0.62	14.18	2.16	1.51	0.62	14.00	2.14	1.74	0.61	13.79	2.11	1.97	0.61	13.54
		20	-	-	-	-	2.56	1.27	0.74	18.89	2.55	1.51	0.73	18.67	2.53	1.74	0.73	18.44	2.51	1.97	0.72	18.21
	4	15	0.88	0.88	0.19	1.54	1.11	1.11	0.24	2.76	1.36	1.36	0.29	3.88	1.59	1.59	0.34	5.04	1.82	1.82	0.39	6.36
		17	1.04	0.88	0.22	2.37	1.11	1.09	0.24	2.73	1.36	1.36	0.29	3.89	1.59	1.59	0.34	5.05	1.83	1.83	0.39	6.38
		19	-	-	-	-	1.80	1.13	0.39	6.26	1.79	1.36	0.38	6.16	1.77	1.60	0.38	6.03	1.82	1.81	0.39	6.35
		20	-	-	-	-	2.20	1.13	0.47	8.80	2.19	1.37	0.47	8.69	2.17	1.60	0.47	8.58	2.15	1.83	0.46	8.44
	5	15	0.76	0.76	0.13	0.62	0.98	0.98	0.17	1.13	1.20	1.20	0.21	1.97	1.44	1.44	0.25	2.90	1.68	1.68	0.29	3.77
		17	0.76	0.75	0.13	0.62	0.98	0.98	0.17	1.14	1.21	1.21	0.21	1.98	1.44	1.44	0.25	2.91	1.68	1.68	0.29	3.78
		19	-	-	-	-	1.40	0.97	0.24	2.74	1.37	1.21	0.24	2.66	1.44	1.42	0.25	2.89	1.69	1.69	0.29	3.79
		20	-	-	-	-	1.82	0.98	0.31	4.31	1.80	1.22	0.31	4.24	1.78	1.46	0.31	4.16	1.76	1.69	0.30	4.07
	6	15	0.64	0.64	0.09	0.42	0.87	0.87	0.12	0.57	1.08	1.08	0.16	0.92	1.30	1.30	0.19	1.52	1.53	1.53	0.22	2.27
		17	0.64	0.64	0.09	0.42	0.87	0.87	0.12	0.57	1.08	1.08	0.16	0.93	1.30	1.30	0.19	1.52	1.53	1.53	0.22	2.28
		19	-	-	-	-	1.05	0.85	0.15	0.86	1.08	1.05	0.15	0.91	1.31	1.31	0.19	1.53	1.54	1.54	0.22	2.29
		20	-	-	-	-	1.39	0.83	0.20	1.80	1.37	1.07	0.20	1.74	1.36	1.30	0.19	1.69	1.54	1.54	0.22	2.30

(Continued)

NFD-V200-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	0.78	0.78	0.22	2.35	1.03	1.03	0.29	3.82	1.26	1.26	0.36	5.45	1.50	1.50	0.43	7.29	1.73	1.73	0.49	9.33
		17	0.80	0.78	0.23	2.46	1.03	1.03	0.29	3.83	1.27	1.27	0.36	5.47	1.50	1.50	0.43	7.31	1.73	1.73	0.49	9.36
		19	-	-	-	-	1.56	1.03	0.44	7.79	1.54	1.27	0.44	7.62	1.53	1.50	0.44	7.52	1.74	1.74	0.50	9.40
		20	-	-	-	-	1.95	1.04	0.56	11.50	1.94	1.27	0.55	11.34	1.92	1.51	0.55	11.16	1.90	1.74	0.54	10.94
	4	15	0.66	0.66	0.14	0.72	0.88	0.88	0.19	1.56	1.12	1.12	0.24	2.70	1.36	1.36	0.29	3.76	1.59	1.59	0.34	4.93
		17	0.66	0.66	0.14	0.72	0.88	0.88	0.19	1.57	1.12	1.12	0.24	2.71	1.36	1.36	0.29	3.77	1.59	1.59	0.34	4.94
		19	-	-	-	-	1.14	0.88	0.25	2.82	1.14	1.12	0.24	2.78	1.36	1.36	0.29	3.78	1.60	1.60	0.34	4.96
		20	-	-	-	-	1.56	0.89	0.33	4.79	1.55	1.13	0.33	4.69	1.53	1.37	0.33	4.59	1.59	1.57	0.34	4.92
	5	15	0.54	0.54	0.09	0.41	0.77	0.77	0.13	0.62	0.98	0.98	0.17	1.19	1.21	1.21	0.21	2.04	1.45	1.45	0.25	2.89
		17	0.54	0.54	0.09	0.41	0.77	0.77	0.13	0.63	0.98	0.98	0.17	1.19	1.21	1.21	0.21	2.05	1.45	1.45	0.25	2.90
		19	-	-	-	-	0.81	0.76	0.14	0.70	0.98	0.98	0.17	1.20	1.21	1.21	0.21	2.06	1.45	1.45	0.25	2.91
		20	-	-	-	-	1.13	0.74	0.19	1.73	1.11	0.98	0.19	1.66	1.21	1.20	0.21	2.04	1.46	1.46	0.25	2.92
	6	15	0.42	0.42	0.06	0.26	0.64	0.64	0.09	0.40	0.87	0.87	0.12	0.56	1.08	1.08	0.16	0.96	1.30	1.30	0.19	1.58
		17	0.42	0.42	0.06	0.26	0.65	0.65	0.09	0.40	0.87	0.87	0.12	0.57	1.09	1.09	0.16	0.97	1.31	1.31	0.19	1.59
		19	-	-	-	-	0.65	0.64	0.09	0.40	0.87	0.87	0.13	0.57	1.09	1.09	0.16	0.97	1.31	1.31	0.19	1.60
		20	-	-	-	-	0.82	0.64	0.12	0.51	0.86	0.83	0.12	0.55	1.09	1.09	0.16	0.97	1.31	1.31	0.19	1.60
13	3	15	0.55	0.55	0.16	1.01	0.79	0.79	0.23	2.42	1.03	1.03	0.30	3.83	1.27	1.27	0.36	5.45	1.50	1.50	0.43	7.28
		17	0.55	0.55	0.16	1.01	0.79	0.79	0.23	2.43	1.03	1.03	0.30	3.84	1.27	1.27	0.36	5.46	1.50	1.50	0.43	7.30
		19	-	-	-	-	0.88	0.79	0.25	2.96	1.03	1.03	0.30	3.85	1.27	1.27	0.36	5.48	1.51	1.51	0.43	7.33
		20	-	-	-	-	1.30	0.80	0.37	5.67	1.28	1.04	0.37	5.53	1.28	1.27	0.37	5.52	1.51	1.51	0.43	7.34
	4	15	0.43	0.43	0.09	0.39	0.66	0.66	0.14	0.75	0.88	0.88	0.19	1.66	1.12	1.12	0.24	2.71	1.36	1.36	0.29	3.75
		17	0.43	0.43	0.09	0.39	0.66	0.66	0.14	0.76	0.88	0.88	0.19	1.66	1.12	1.12	0.24	2.72	1.36	1.36	0.29	3.76
		19	-	-	-	-	0.66	0.66	0.14	0.76	0.88	0.88	0.19	1.67	1.13	1.13	0.24	2.73	1.36	1.36	0.29	3.77
		20	-	-	-	-	0.85	0.65	0.18	1.50	0.87	0.85	0.19	1.62	1.13	1.13	0.24	2.73	1.37	1.37	0.29	3.78
	5	15	0.31	0.31	0.05	0.22	0.54	0.54	0.09	0.38	0.76	0.76	0.13	0.62	0.98	0.98	0.17	1.22	1.21	1.21	0.21	2.06
		17	0.31	0.31	0.05	0.22	0.54	0.54	0.09	0.38	0.76	0.76	0.13	0.63	0.98	0.98	0.17	1.22	1.21	1.21	0.21	2.06
		19	-	-	-	-	0.54	0.54	0.09	0.38	0.77	0.77	0.13	0.63	0.98	0.98	0.17	1.23	1.22	1.22	0.21	2.07
		20	-	-	-	-	0.55	0.54	0.09	0.39	0.77	0.77	0.13	0.63	0.98	0.98	0.17	1.23	1.22	1.22	0.21	2.08
	6	15	0.20	0.20	0.03	0.12	0.42	0.42	0.06	0.25	0.65	0.65	0.09	0.38	0.87	0.87	0.12	0.56	1.08	1.08	0.15	0.99
		17	0.20	0.20	0.03	0.12	0.42	0.42	0.06	0.25	0.65	0.65	0.09	0.38	0.87	0.87	0.12	0.56	1.08	1.08	0.16	0.99
		19	-	-	-	-	0.42	0.42	0.06	0.25	0.65	0.65	0.09	0.38	0.87	0.87	0.12	0.56	1.09	1.09	0.16	1.00
		20	-	-	-	-	0.42	0.42	0.06	0.25	0.65	0.65	0.09	0.38	0.87	0.87	0.12	0.57	1.09	1.09	0.16	1.00
15	3	15	0.33	0.33	0.09	0.38	0.55	0.55	0.16	1.02	0.79	0.79	0.22	2.36	1.03	1.03	0.29	3.72	1.26	1.26	0.36	5.28
		17	0.33	0.33	0.09	0.38	0.55	0.55	0.16	1.02	0.79	0.79	0.22	2.37	1.03	1.03	0.29	3.73	1.27	1.27	0.36	5.30
		19	-	-	-	-	0.55	0.55	0.16	1.03	0.79	0.79	0.23	2.38	1.03	1.03	0.29	3.74	1.27	1.27	0.36	5.32
		20	-	-	-	-	0.56	0.55	0.16	1.10	0.79	0.79	0.23	2.38	1.03	1.03	0.29	3.75	1.27	1.27	0.36	5.33
	4	15	0.21	0.21	0.04	0.18	0.43	0.43	0.09	0.37	0.66	0.66	0.14	0.77	0.88	0.88	0.19	1.68	1.12	1.12	0.24	2.65
		17	0.21	0.21	0.04	0.18	0.43	0.43	0.09	0.37	0.66	0.66	0.14	0.77	0.88	0.88	0.19	1.69	1.12	1.12	0.24	2.66
		19	-	-	-	-	0.44	0.44	0.09	0.37	0.66	0.66	0.14	0.78	0.89	0.89	0.19	1.70	1.13	1.13	0.24	2.67
		20	-	-	-	-	0.44	0.44	0.09	0.37	0.66	0.66	0.14	0.78	0.89	0.89	0.19	1.70	1.13	1.13	0.24	2.67
	5	15	0.10	0.10	0.02	0.07	0.32	0.32	0.05	0.22	0.54	0.54	0.09	0.37	0.76	0.76	0.13	0.65	0.98	0.98	0.17	1.29
		17	0.10	0.10	0.02	0.07	0.32	0.32	0.06	0.22	0.54	0.54	0.09	0.37	0.77	0.77	0.13	0.66	0.99	0.99	0.17	1.30
		19	-	-	-	-	0.32	0.32	0.06	0.22	0.55	0.55	0.09	0.37	0.77	0.77	0.13	0.66	0.99	0.99	0.17	1.30
		20	-	-	-	-	0.32	0.32	0.06	0.22	0.55	0.55	0.09	0.37	0.77	0.77	0.13	0.66	0.99	0.99	0.17	1.31
	6	15	-	-	-	-	0.21	0.21	0.03	0.11	0.43	0.43	0.06	0.24	0.65	0.65	0.09	0.36	0.87	0.87	0.13	0.58
		17	-	-	-	-	0.21	0.21	0.03	0.11	0.43	0.43	0.06	0.24	0.65	0.65	0.09	0.36	0.87	0.87	0.13	0.58
		19	-	-	-	-	0.21	0.21	0.03	0.11	0.43	0.43	0.06	0.24	0.65	0.65	0.09	0.36	0.87	0.87	0.13	0.58
		20	-	-	-	-	0.21	0.21	0.03	0.11	0.43	0.43	0.06	0.24	0.65	0.65	0.09	0.36	0.87	0.87	0.13	0.58

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V300-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	2.55	2.04	0.73	23.04	2.52	2.36	0.73	22.63	2.67	2.67	0.77	24.91	2.97	2.97	0.85	29.71	3.28	3.28	0.94	35.23
		17	3.47	2.04	0.99	38.87	3.44	2.36	0.99	38.42	3.42	2.67	0.98	38.00	3.40	2.98	0.97	37.53	3.37	3.28	0.96	36.97
		19	-	-	-	-	4.44	2.36	1.27	59.91	4.41	2.67	1.26	59.27	4.38	2.98	1.26	58.64	4.36	3.29	1.25	58.03
		20	-	-	-	-	4.97	2.37	1.44	74.19	4.94	2.68	1.43	73.40	4.91	2.99	1.42	72.64	4.88	3.29	1.40	70.76
	4	15	2.12	1.85	0.45	10.05	2.16	2.14	0.46	10.36	2.48	2.48	0.53	13.15	2.79	2.79	0.60	16.29	3.10	3.10	0.67	19.49
		17	3.06	1.86	0.66	19.11	3.04	2.17	0.66	18.89	3.02	2.49	0.65	18.66	2.99	2.80	0.64	18.36	3.10	3.10	0.67	19.55
		19	-	-	-	-	4.03	2.17	0.86	30.44	4.00	2.49	0.86	30.10	3.98	2.80	0.85	29.76	3.95	3.11	0.85	29.43
		20	-	-	-	-	4.56	2.18	0.98	37.70	4.53	2.49	0.97	37.30	4.50	2.80	0.97	36.90	4.47	3.11	0.96	36.51
	5	15	1.68	1.65	0.29	4.62	1.98	1.98	0.34	6.08	2.29	2.29	0.39	7.83	2.61	2.61	0.45	9.73	2.91	2.91	0.50	11.79
		17	2.63	1.67	0.45	9.88	2.61	1.99	0.45	9.75	2.58	2.30	0.44	9.58	2.60	2.59	0.45	9.72	2.92	2.92	0.50	11.82
		19	-	-	-	-	3.62	2.00	0.62	17.21	3.59	2.31	0.62	17.02	3.57	2.62	0.62	16.83	3.55	2.93	0.61	16.64
		20	-	-	-	-	4.13	1.99	0.71	21.52	4.11	2.31	0.70	21.29	4.08	2.62	0.70	21.06	4.06	2.93	0.70	20.85
	6	15	1.47	1.47	0.21	2.28	1.78	1.78	0.25	3.66	2.10	2.10	0.30	4.95	2.42	2.42	0.35	6.29	2.73	2.73	0.39	7.72
		17	2.17	1.48	0.31	5.22	2.15	1.79	0.31	5.12	2.14	2.11	0.31	5.08	2.43	2.43	0.35	6.31	2.74	2.74	0.39	7.75
		19	-	-	-	-	3.17	1.81	0.45	9.96	3.15	2.12	0.45	9.85	3.13	2.44	0.45	9.73	3.10	2.75	0.44	9.57
		20	-	-	-	-	3.71	1.81	0.53	13.05	3.68	2.13	0.53	12.91	3.66	2.44	0.53	12.76	3.64	2.75	0.52	12.62
7	3	15	1.82	1.72	0.52	12.65	2.04	2.04	0.59	15.55	2.35	2.35	0.68	19.88	2.66	2.66	0.76	24.27	2.97	2.97	0.86	29.78
		17	2.76	1.72	0.79	25.83	2.74	2.04	0.79	25.51	2.71	2.35	0.78	25.11	2.70	2.66	0.77	24.86	2.98	2.98	0.86	29.87
		19	-	-	-	-	3.73	2.04	1.07	43.78	3.71	2.36	1.06	43.28	3.68	2.67	1.06	42.78	3.66	2.98	1.05	42.29
		20	-	-	-	-	4.26	2.05	1.22	55.22	4.23	2.36	1.22	54.62	4.20	2.67	1.21	54.02	4.18	2.98	1.20	53.41
	4	15	1.53	1.53	0.33	5.75	1.85	1.85	0.40	7.95	2.17	2.17	0.47	10.40	2.48	2.48	0.54	13.16	2.79	2.79	0.60	16.09
		17	2.33	1.54	0.50	11.82	2.31	1.86	0.50	11.62	2.28	2.17	0.49	11.35	2.49	2.49	0.54	13.20	2.80	2.80	0.60	16.14
		19	-	-	-	-	3.30	1.86	0.71	21.30	3.28	2.18	0.70	21.05	3.26	2.49	0.70	20.81	3.23	2.80	0.69	20.51
		20	-	-	-	-	3.83	1.86	0.82	27.55	3.80	2.18	0.82	27.24	3.78	2.49	0.81	26.94	3.75	2.80	0.81	26.63
	5	15	1.34	1.34	0.23	2.94	1.66	1.66	0.29	4.48	1.98	1.98	0.34	6.04	2.30	2.30	0.40	7.76	2.61	2.61	0.45	9.63
		17	1.86	1.35	0.32	5.40	1.83	1.67	0.32	5.28	1.99	1.98	0.34	6.05	2.30	2.30	0.40	7.78	2.61	2.61	0.45	9.66
		19	-	-	-	-	2.85	1.68	0.49	11.24	2.83	2.00	0.49	11.10	2.82	2.35	0.51	14.20	2.78	2.62	0.48	10.76
		20	-	-	-	-	3.38	1.68	0.58	15.09	3.36	2.00	0.58	14.91	3.34	2.31	0.57	14.72	3.31	2.62	0.57	14.53
	6	15	1.18	1.18	0.17	1.33	1.47	1.47	0.21	2.43	1.80	1.80	0.26	3.74	2.11	2.11	0.30	4.91	2.43	2.43	0.35	6.21
		17	1.36	1.16	0.20	1.99	1.47	1.46	0.21	2.42	1.80	1.80	0.26	3.75	2.12	2.12	0.30	4.92	2.43	2.43	0.35	6.23
		19	-	-	-	-	2.38	1.49	0.34	6.00	2.35	1.81	0.34	5.90	2.33	2.12	0.33	5.79	2.43	2.42	0.35	6.22
		20	-	-	-	-	2.92	1.50	0.42	8.49	2.90	1.82	0.42	8.39	2.87	2.13	0.41	8.27	2.84	2.44	0.41	8.13
9	3	15	1.40	1.40	0.40	7.96	1.72	1.72	0.49	11.30	2.04	2.04	0.59	15.15	2.35	2.35	0.67	19.28	2.66	2.66	0.76	23.89
		17	2.00	1.41	0.57	14.59	1.97	1.72	0.57	14.27	2.03	2.01	0.58	15.07	2.35	2.35	0.68	19.34	2.66	2.66	0.76	23.96
		19	-	-	-	-	2.98	1.73	0.86	29.59	2.96	2.05	0.86	29.23	2.94	2.36	0.85	28.83	2.91	2.67	0.84	28.34
		20	-	-	-	-	3.50	1.73	1.01	38.63	3.47	2.04	1.00	38.17	3.45	2.36	0.99	37.73	3.43	2.67	0.99	37.28
	4	15	1.21	1.21	0.26	3.83	1.54	1.54	0.33	5.66	1.85	1.85	0.40	7.80	2.17	2.17	0.47	10.20	2.48	2.48	0.53	12.83
		17	1.51	1.22	0.33	5.52	1.54	1.53	0.33	5.67	1.86	1.86	0.40	7.82	2.17	2.17	0.47	10.23	2.48	2.48	0.53	12.86
		19	-	-	-	-	2.53	1.55	0.55	13.38	2.50	1.86	0.54	12.98	2.47	2.18	0.53	12.74	2.49	2.49	0.54	12.93
		20	-	-	-	-	3.05	1.55	0.66	18.41	3.03	1.87	0.65	18.19	3.01	2.18	0.65	17.95	2.98	2.49	0.64	17.65
	5	15	1.03	1.03	0.18	1.56	1.34	1.34	0.23	3.02	1.67	1.67	0.29	4.44	1.99	1.99	0.34	5.97	2.30	2.30	0.40	7.66
		17	1.05	1.03	0.18	1.62	1.35	1.35	0.23	3.03	1.67	1.67	0.29	4.45	1.99	1.99	0.34	5.99	2.31	2.31	0.40	7.68
		19	-	-	-	-	2.03	1.36	0.35	6.20	2.01	1.68	0.35	6.06	2.02	2.00	0.35	6.12	2.31	2.31	0.40	7.71
		20	-	-	-	-	2.57	1.37	0.44	9.26	2.55	1.69	0.44	9.13	2.52	2.00	0.43	8.97	2.50	2.31	0.43	8.83
	6	15	0.89	0.89	0.13	0.71	1.18	1.18	0.17	1.37	1.48	1.48	0.21	2.50	1.80	1.80	0.26	3.69	2.12	2.12	0.30	4.86
		17	0.89	0.88	0.13	0.71	1.18	1.18	0.17	1.38	1.48	1.48	0.21	2.51	1.81	1.81	0.26	3.70	2.12	2.12	0.30	4.88
		19	-	-	-	-	1.48	1.16	0.21	2.52	1.50	1.49	0.21	2.58	1.81	1.81	0.26	3.72	2.13	2.13	0.31	4.89
		20	-	-	-	-	2.06	1.18	0.30	4.63	2.03	1.50	0.29	4.53	2.01	1.81	0.29	4.45	2.12	2.11	0.30	4.88

(Continued)

NFD-V300-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	1.08	1.08	0.31	4.96	1.40	1.40	0.40	7.75	1.72	1.72	0.49	10.99	2.04	2.04	0.58	14.77	2.34	2.34	0.67	18.75	
		17	1.16	1.08	0.33	5.63	1.41	1.41	0.40	7.77	1.72	1.72	0.49	11.02	2.04	2.04	0.58	14.82	2.35	2.35	0.67	18.81	
		19	-	-	-	-	2.16	1.41	0.62	16.24	2.13	1.73	0.61	15.90	2.12	2.04	0.60	15.73	2.35	2.35	0.67	18.87	
		20	-	-	-	-	2.69	1.41	0.77	23.76	2.67	1.73	0.76	23.45	2.64	2.04	0.75	23.07	2.61	2.35	0.75	22.65	
	4	15	0.89	0.89	0.19	1.94	1.22	1.22	0.26	3.72	1.54	1.54	0.33	5.55	1.86	1.86	0.40	7.63	2.17	2.17	0.46	9.95	
		17	0.89	0.89	0.19	1.95	1.22	1.22	0.26	3.73	1.54	1.54	0.33	5.56	1.86	1.86	0.40	7.65	2.17	2.17	0.47	9.98	
		19	-	-	-	-	1.66	1.23	0.36	6.29	1.65	1.55	0.35	6.21	1.86	1.86	0.40	7.67	2.18	2.18	0.47	10.02	
		20	-	-	-	-	2.20	1.23	0.47	10.21	2.18	1.55	0.47	10.02	2.15	1.87	0.46	9.82	2.18	2.18	0.47	10.07	
	5	15	0.75	0.75	0.13	0.71	1.04	1.04	0.18	1.64	1.35	1.35	0.23	3.06	1.68	1.68	0.29	4.41	1.99	1.99	0.34	5.91	
		17	0.75	0.75	0.13	0.71	1.04	1.04	0.18	1.65	1.36	1.36	0.23	3.07	1.68	1.68	0.29	4.42	2.00	2.00	0.34	5.93	
		19	-	-	-	-	1.12	1.04	0.19	2.03	1.36	1.36	0.23	3.08	1.68	1.68	0.29	4.44	2.00	2.00	0.34	5.95	
		20	-	-	-	-	1.68	1.05	0.29	4.42	1.66	1.37	0.29	4.32	1.69	1.69	0.29	4.48	2.00	2.00	0.34	5.96	
	6	15	0.59	0.59	0.08	0.43	0.89	0.89	0.13	0.70	1.18	1.18	0.17	1.44	1.49	1.49	0.21	2.58	1.81	1.81	0.26	3.67	
		17	0.59	0.59	0.08	0.43	0.89	0.89	0.13	0.71	1.18	1.18	0.17	1.45	1.49	1.49	0.21	2.59	1.81	1.81	0.26	3.68	
		19	-	-	-	-	0.89	0.88	0.13	0.71	1.18	1.18	0.17	1.46	1.49	1.49	0.21	2.60	1.82	1.82	0.26	3.69	
		20	-	-	-	-	1.14	0.87	0.16	1.31	1.19	1.18	0.17	1.47	1.50	1.50	0.21	2.60	1.82	1.82	0.26	3.70	
	13	3	15	0.76	0.76	0.22	2.68	1.09	1.09	0.31	4.99	1.41	1.41	0.40	7.75	1.72	1.72	0.49	10.98	2.03	2.03	0.58	14.42
			17	0.76	0.76	0.22	2.69	1.09	1.09	0.31	5.01	1.41	1.41	0.40	7.78	1.72	1.72	0.50	11.01	2.03	2.03	0.58	14.46
			19	-	-	-	-	1.27	1.09	0.37	6.55	1.40	1.39	0.40	7.74	1.73	1.73	0.50	11.05	2.04	2.04	0.58	14.51
			20	-	-	-	-	1.81	1.09	0.52	11.98	1.79	1.41	0.51	11.70	1.79	1.73	0.51	11.69	2.04	2.04	0.58	14.53
4		15	0.60	0.60	0.13	0.71	0.90	0.90	0.19	2.06	1.22	1.22	0.26	3.73	1.54	1.54	0.33	5.47	1.86	1.86	0.40	7.51	
		17	0.60	0.60	0.13	0.72	0.90	0.90	0.19	2.07	1.23	1.23	0.26	3.74	1.54	1.54	0.33	5.48	1.86	1.86	0.40	7.53	
		19	-	-	-	-	0.89	0.88	0.19	2.05	1.23	1.23	0.26	3.75	1.55	1.55	0.33	5.50	1.86	1.86	0.40	7.56	
		20	-	-	-	-	1.27	0.91	0.27	3.95	1.27	1.23	0.27	4.00	1.55	1.55	0.33	5.51	1.86	1.86	0.40	7.57	
5		15	0.44	0.44	0.08	0.37	0.74	0.74	0.13	0.70	1.04	1.04	0.18	1.69	1.36	1.36	0.23	3.01	1.68	1.68	0.29	4.31	
		17	0.44	0.44	0.08	0.37	0.75	0.75	0.13	0.70	1.04	1.04	0.18	1.69	1.36	1.36	0.23	3.02	1.68	1.68	0.29	4.33	
		19	-	-	-	-	0.75	0.75	0.13	0.71	1.04	1.04	0.18	1.70	1.36	1.36	0.23	3.03	1.68	1.68	0.29	4.34	
		20	-	-	-	-	0.79	0.74	0.14	0.80	1.04	1.04	0.18	1.71	1.37	1.37	0.23	3.04	1.69	1.69	0.29	4.35	
6		15	0.29	0.29	0.04	0.20	0.59	0.59	0.08	0.41	0.89	0.89	0.13	0.71	1.18	1.18	0.17	1.49	1.50	1.50	0.21	2.58	
		17	0.29	0.29	0.04	0.20	0.59	0.59	0.08	0.41	0.89	0.89	0.13	0.71	1.18	1.18	0.17	1.49	1.50	1.50	0.21	2.59	
		19	-	-	-	-	0.59	0.59	0.08	0.41	0.90	0.90	0.13	0.71	1.18	1.18	0.17	1.50	1.50	1.50	0.21	2.60	
		20	-	-	-	-	0.59	0.58	0.08	0.41	0.90	0.90	0.13	0.71	1.19	1.19	0.17	1.51	1.50	1.50	0.21	2.60	
15	3	15	0.45	0.45	0.13	0.71	0.76	0.76	0.22	2.64	1.09	1.09	0.31	4.85	1.40	1.40	0.40	7.53	1.72	1.72	0.49	10.66	
		17	0.45	0.45	0.13	0.71	0.76	0.76	0.22	2.65	1.09	1.09	0.31	4.86	1.41	1.41	0.40	7.55	1.72	1.72	0.49	10.69	
		19	-	-	-	-	0.76	0.76	0.22	2.66	1.09	1.09	0.31	4.88	1.41	1.41	0.40	7.58	1.72	1.72	0.49	10.72	
		20	-	-	-	-	0.84	0.76	0.24	3.13	1.09	1.08	0.31	4.88	1.41	1.41	0.40	7.59	1.73	1.73	0.49	10.74	
	4	15	0.30	0.30	0.06	0.30	0.60	0.60	0.13	0.72	0.90	0.90	0.19	2.09	1.23	1.23	0.26	3.65	1.54	1.54	0.33	5.41	
		17	0.30	0.30	0.06	0.30	0.60	0.60	0.13	0.72	0.90	0.90	0.19	2.10	1.23	1.23	0.26	3.66	1.55	1.55	0.33	5.42	
		19	-	-	-	-	0.60	0.60	0.13	0.72	0.90	0.90	0.19	2.11	1.23	1.23	0.26	3.67	1.55	1.55	0.33	5.44	
		20	-	-	-	-	0.60	0.59	0.13	0.72	0.90	0.90	0.19	2.11	1.23	1.23	0.26	3.68	1.55	1.55	0.33	5.45	
	5	15	0.15	0.15	0.03	0.12	0.45	0.45	0.08	0.36	0.75	0.75	0.13	0.73	1.04	1.04	0.18	1.78	1.37	1.37	0.24	3.02	
		17	0.15	0.15	0.03	0.12	0.45	0.45	0.08	0.36	0.75	0.75	0.13	0.74	1.05	1.05	0.18	1.79	1.37	1.37	0.24	3.03	
		19	-	-	-	-	0.45	0.45	0.08	0.36	0.75	0.75	0.13	0.74	1.05	1.05	0.18	1.80	1.37	1.37	0.24	3.04	
		20	-	-	-	-	0.45	0.45	0.08	0.36	0.75	0.75	0.13	0.74	1.05	1.05	0.18	1.80	1.37	1.37	0.24	3.05	
	6	15	-	-	-	-	0.29	0.29	0.04	0.19	0.60	0.60	0.09	0.39	0.89	0.89	0.13	0.73	1.19	1.19	0.17	1.57	
		17	-	-	-	-	0.30	0.30	0.04	0.19	0.60	0.60	0.09	0.40	0.90	0.90	0.13	0.74	1.19	1.19	0.17	1.58	
		19	-	-	-	-	0.30	0.30	0.04	0.19	0.60	0.60	0.09	0.40	0.90	0.90	0.13	0.74	1.19	1.19	0.17	1.58	
		20	-	-	-	-	0.30	0.30	0.04	0.20	0.60	0.60	0.09	0.40	0.90	0.90	0.13	0.74	1.19	1.19	0.17	1.59	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	2.96	2.37	0.85	34.33	2.94	2.74	0.84	33.77	3.11	3.11	0.89	37.26	3.47	3.47	1.00	45.49	3.83	3.83	1.10	53.63	
		17	4.04	2.38	1.16	58.93	4.02	2.75	1.15	58.35	3.99	3.11	1.14	57.75	3.97	3.47	1.14	57.11	3.94	3.83	1.13	56.37	
		19	-	-	-	-	5.18	2.75	1.50	92.73	5.16	3.12	1.49	91.85	5.13	3.48	1.48	90.95	5.10	3.84	1.47	90.01	
		20	-	-	-	-	5.80	2.75	1.68	113.18	5.77	3.12	1.67	112.12	5.74	3.49	1.67	111.60	5.70	3.85	1.65	109.65	
	4	15	2.48	2.16	0.53	15.23	2.53	2.53	0.54	15.83	2.90	2.90	0.62	20.15	3.26	3.26	0.70	24.42	3.62	3.62	0.78	29.28	
		17	3.56	2.16	0.76	28.49	3.54	2.53	0.76	28.19	3.52	2.90	0.75	27.87	3.49	3.26	0.75	27.45	3.62	3.62	0.78	29.33	
		19	-	-	-	-	4.70	2.53	1.01	46.21	4.67	2.90	1.00	45.74	4.65	3.27	1.00	45.29	4.62	3.63	0.99	44.83	
		20	-	-	-	-	5.32	2.54	1.15	57.99	5.29	2.91	1.14	57.43	5.26	3.27	1.14	56.87	5.23	3.63	1.13	55.96	
	5	15	1.98	1.94	0.34	7.10	2.31	2.31	0.40	9.20	2.68	2.68	0.46	11.86	3.05	3.05	0.53	14.90	3.41	3.41	0.59	18.06	
		17	3.08	1.95	0.53	15.16	3.06	2.32	0.53	14.98	3.02	2.68	0.52	14.54	3.08	3.06	0.53	15.12	3.42	3.42	0.59	18.11	
		19	-	-	-	-	4.21	2.32	0.72	25.75	4.18	2.69	0.72	25.48	4.16	3.05	0.71	25.22	4.13	3.42	0.71	24.95	
		20	-	-	-	-	4.83	2.33	0.83	32.96	4.80	2.70	0.83	32.64	4.78	3.06	0.82	32.31	4.75	3.42	0.82	31.99	
	6	15	1.70	1.70	0.24	3.85	2.09	2.09	0.30	5.68	2.47	2.47	0.35	7.52	2.84	2.84	0.41	9.54	3.20	3.20	0.46	11.78	
		17	2.55	1.73	0.37	7.96	2.52	2.10	0.36	7.81	2.53	2.47	0.36	7.88	2.84	2.84	0.41	9.56	3.21	3.21	0.46	11.81	
		19	-	-	-	-	3.71	2.11	0.53	15.17	3.69	2.48	0.53	15.01	3.66	2.85	0.53	14.84	3.63	3.21	0.52	14.62	
		20	-	-	-	-	4.32	2.11	0.62	19.56	4.29	2.48	0.61	19.36	4.27	2.85	0.61	19.16	4.24	3.21	0.61	18.95	
7	3	15	2.14	2.01	0.62	19.57	2.38	2.38	0.68	23.16	2.75	2.75	0.79	30.17	3.11	3.11	0.90	37.44	3.47	3.47	1.00	44.69	
		17	3.22	2.01	0.93	39.86	3.20	2.38	0.93	39.40	3.18	2.75	0.92	38.83	3.17	3.12	0.92	38.63	3.47	3.47	1.00	44.80	
		19	-	-	-	-	4.36	2.38	1.26	67.18	4.33	2.75	1.25	66.49	4.30	3.12	1.24	65.70	4.28	3.48	1.23	64.74	
		20	-	-	-	-	4.97	2.39	1.44	85.53	4.95	2.76	1.44	84.67	4.92	3.12	1.43	83.82	4.89	3.48	1.42	83.00	
	4	15	1.79	1.78	0.39	8.68	2.17	2.17	0.47	12.10	2.54	2.54	0.55	15.84	2.90	2.90	0.62	19.74	3.26	3.26	0.70	24.19	
		17	2.71	1.79	0.58	17.58	2.69	2.17	0.58	17.31	2.67	2.53	0.57	17.13	2.90	2.90	0.62	19.79	3.26	3.26	0.70	24.25	
		19	-	-	-	-	3.86	2.17	0.84	32.75	3.84	2.54	0.83	32.40	3.81	2.91	0.82	32.07	3.78	3.27	0.82	31.64	
		20	-	-	-	-	4.47	2.17	0.97	42.35	4.45	2.54	0.96	41.93	4.42	2.91	0.96	41.47	4.39	3.27	0.95	41.05	
	5	15	1.57	1.57	0.27	4.69	1.95	1.95	0.33	6.79	2.32	2.32	0.40	9.15	2.69	2.69	0.46	11.77	3.05	3.05	0.53	14.64	
		17	2.18	1.58	0.37	8.21	2.15	1.95	0.37	8.06	2.32	2.32	0.40	9.17	2.69	2.69	0.46	11.80	3.06	3.06	0.53	14.68	
		19	-	-	-	-	3.34	1.96	0.58	17.12	3.32	2.33	0.57	16.92	3.31	2.82	0.59	19.40	3.27	3.06	0.56	16.49	
		20	-	-	-	-	3.95	1.96	0.68	22.79	3.92	2.33	0.67	22.55	3.90	2.70	0.67	22.30	3.87	3.06	0.67	22.05	
	6	15	1.36	1.36	0.19	2.26	1.73	1.73	0.25	4.02	2.10	2.10	0.30	5.65	2.48	2.48	0.35	7.45	2.84	2.84	0.41	9.43	
		17	1.58	1.35	0.23	3.32	1.73	1.72	0.25	4.03	2.11	2.11	0.30	5.66	2.48	2.48	0.36	7.47	2.85	2.85	0.41	9.46	
		19	-	-	-	-	2.79	1.74	0.40	9.12	2.76	2.12	0.40	8.98	2.74	2.48	0.39	8.85	2.87	2.86	0.41	9.56	
		20	-	-	-	-	3.41	1.75	0.49	12.89	3.39	2.12	0.49	12.74	3.37	2.49	0.48	12.58	3.33	2.85	0.48	12.38	
9	3	15	1.64	1.64	0.47	12.03	2.01	2.01	0.58	17.23	2.38	2.38	0.68	22.87	2.75	2.75	0.79	29.75	3.10	3.10	0.89	36.36	
		17	2.33	1.64	0.67	22.06	2.30	2.01	0.66	21.61	2.38	2.38	0.68	22.94	2.75	2.75	0.80	29.83	3.11	3.11	0.89	36.46	
		19	-	-	-	-	3.48	2.02	1.01	44.95	3.46	2.39	1.00	44.43	3.43	2.75	0.99	43.90	3.40	3.12	0.98	43.20	
		20	-	-	-	-	4.08	2.01	1.17	58.73	4.05	2.38	1.17	58.11	4.03	2.75	1.16	57.47	4.00	3.11	1.15	56.83	
	4	15	1.42	1.42	0.31	5.74	1.80	1.80	0.39	8.58	2.17	2.17	0.47	11.83	2.54	2.54	0.55	15.48	2.90	2.90	0.63	19.60	
		17	1.78	1.42	0.38	8.42	1.83	1.80	0.39	8.81	2.17	2.17	0.47	11.86	2.54	2.54	0.55	15.53	2.91	2.91	0.63	19.65	
		19	-	-	-	-	2.94	1.80	0.64	20.11	2.92	2.18	0.63	19.85	2.89	2.54	0.62	19.49	2.94	2.91	0.63	20.07	
		20	-	-	-	-	3.56	1.81	0.77	27.94	3.54	2.18	0.77	27.78	3.51	2.55	0.76	27.46	3.49	2.91	0.75	27.06	
	5	15	1.19	1.19	0.21	2.66	1.58	1.58	0.27	4.68	1.96	1.96	0.34	6.74	2.33	2.33	0.40	9.07	2.69	2.69	0.46	11.64	
		17	1.22	1.20	0.21	2.80	1.58	1.58	0.27	4.70	1.96	1.96	0.34	6.76	2.33	2.33	0.40	9.09	2.70	2.70	0.46	11.67	
		19	-	-	-	-	2.38	1.59	0.41	9.44	2.36	1.96	0.41	9.24	2.40	2.34	0.41	9.52	2.70	2.70	0.47	11.70	
		20	-	-	-	-	3.02	1.60	0.52	14.20	3.00	1.97	0.52	14.05	2.96	2.34	0.51	13.64	2.94	2.70	0.51	13.49	
	6	15	1.03	1.03	0.15	1.10	1.36	1.36	0.20	2.35	1.74	1.74	0.25	4.02	2.12	2.12	0.30	5.62	2.49	2.49	0.36	7.39	
		17	1.03	1.02	0.15	1.10	1.36	1.36	0.20	2.36	1.74	1.74	0.25	4.03	2.12	2.12	0.30	5.64	2.49	2.49	0.36	7.41	
		19	-	-	-	-	1.76	1.37	0.25	4.10	1.80	1.75	0.26	4.27	2.12	2.12	0.30	5.65	2.49	2.49	0.36	7.44	
		20	-	-	-	-	2.42	1.38	0.35	7.07	2.39	1.75	0.34	6.93	2.38	2.12	0.34	6.84	2.52	2.50	0.36	7.55	

(Continued)

NFD-V400-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.26	1.26	0.36	7.52	1.64	1.64	0.47	11.74	2.01	2.01	0.57	16.67	2.38	2.38	0.68	22.30	2.74	2.74	0.78	28.60
		17	1.37	1.26	0.39	8.62	1.64	1.64	0.47	11.76	2.01	2.01	0.57	16.71	2.38	2.38	0.68	22.35	2.74	2.74	0.78	28.61
		19	-	-	-	-	2.52	1.64	0.72	24.70	2.49	2.01	0.71	24.22	2.49	2.38	0.71	24.09	2.75	2.75	0.78	28.69
		20	-	-	-	-	3.14	1.64	0.90	36.37	3.12	2.02	0.89	35.93	3.09	2.39	0.89	35.44	3.06	2.75	0.88	34.82
	4	15	1.04	1.04	0.22	3.26	1.43	1.43	0.31	5.65	1.80	1.80	0.39	8.42	2.17	2.17	0.47	11.58	2.54	2.54	0.54	15.13
		17	1.04	1.04	0.22	3.26	1.43	1.43	0.31	5.67	1.81	1.81	0.39	8.44	2.18	2.18	0.47	11.61	2.54	2.54	0.54	15.17
		19	-	-	-	-	1.94	1.43	0.42	9.58	1.94	1.81	0.42	9.54	2.18	2.17	0.47	11.63	2.55	2.55	0.55	15.22
		20	-	-	-	-	2.57	1.44	0.55	15.48	2.55	1.81	0.55	15.24	2.52	2.18	0.54	14.95	2.58	2.55	0.55	15.61
	5	15	0.86	0.86	0.15	1.15	1.21	1.21	0.21	2.80	1.59	1.59	0.27	4.68	1.97	1.97	0.34	6.70	2.34	2.34	0.40	8.99
		17	0.86	0.86	0.15	1.15	1.21	1.21	0.21	2.82	1.60	1.60	0.27	4.69	1.97	1.97	0.34	6.72	2.34	2.34	0.40	9.01
		19	-	-	-	-	1.33	1.21	0.23	3.43	1.60	1.59	0.27	4.69	1.97	1.97	0.34	6.74	2.34	2.34	0.40	9.04
		20	-	-	-	-	1.98	1.23	0.34	6.77	1.95	1.60	0.34	6.61	2.03	1.98	0.35	7.04	2.35	2.34	0.40	9.05
	6	15	0.69	0.69	0.10	0.58	1.03	1.03	0.15	1.15	1.37	1.37	0.20	2.47	1.75	1.75	0.25	4.02	2.12	2.12	0.30	5.54
		17	0.69	0.69	0.10	0.58	1.03	1.03	0.15	1.15	1.37	1.37	0.20	2.48	1.76	1.76	0.25	4.03	2.13	2.13	0.30	5.55
		19	-	-	-	-	1.03	1.03	0.15	1.17	1.38	1.38	0.20	2.49	1.76	1.76	0.25	4.05	2.13	2.13	0.30	5.57
		20	-	-	-	-	1.30	1.00	0.19	2.16	1.40	1.38	0.20	2.60	1.76	1.76	0.25	4.05	2.13	2.13	0.31	5.58
13	3	15	0.89	0.89	0.26	4.13	1.27	1.27	0.37	7.57	1.64	1.64	0.47	11.77	2.01	2.01	0.58	16.69	2.38	2.38	0.68	22.29
		17	0.89	0.89	0.26	4.14	1.27	1.27	0.37	7.59	1.65	1.65	0.47	11.80	2.02	2.02	0.58	16.74	2.38	2.38	0.69	22.35
		19	-	-	-	-	1.49	1.27	0.43	9.98	1.65	1.64	0.47	11.81	2.02	2.02	0.58	16.79	2.39	2.39	0.69	22.41
		20	-	-	-	-	2.12	1.27	0.61	18.26	2.09	1.65	0.60	17.84	2.10	2.02	0.60	17.98	2.39	2.39	0.69	22.44
	4	15	0.69	0.69	0.15	1.18	1.05	1.05	0.23	3.35	1.43	1.43	0.31	5.60	1.81	1.81	0.39	8.32	2.17	2.17	0.47	11.43
		17	0.69	0.69	0.15	1.19	1.05	1.05	0.23	3.36	1.43	1.43	0.31	5.61	1.81	1.81	0.39	8.34	2.18	2.18	0.47	11.46
		19	-	-	-	-	1.05	1.04	0.23	3.35	1.44	1.44	0.31	5.63	1.81	1.81	0.39	8.36	2.18	2.18	0.47	11.50
		20	-	-	-	-	1.48	1.06	0.32	5.92	1.51	1.44	0.32	6.12	1.81	1.80	0.39	8.36	2.18	2.18	0.47	11.51
	5	15	0.51	0.51	0.09	0.50	0.86	0.86	0.15	1.17	1.21	1.21	0.21	2.84	1.60	1.60	0.27	4.60	1.97	1.97	0.34	6.57
		17	0.52	0.52	0.09	0.51	0.86	0.86	0.15	1.17	1.22	1.22	0.21	2.85	1.60	1.60	0.27	4.61	1.97	1.97	0.34	6.59
		19	-	-	-	-	0.86	0.86	0.15	1.18	1.22	1.22	0.21	2.86	1.60	1.60	0.27	4.63	1.98	1.98	0.34	6.61
		20	-	-	-	-	0.90	0.86	0.15	1.33	1.22	1.21	0.21	2.86	1.60	1.60	0.28	4.63	1.98	1.98	0.34	6.62
	6	15	0.34	0.34	0.05	0.27	0.69	0.69	0.10	0.56	1.03	1.03	0.15	1.18	1.38	1.38	0.20	2.54	1.76	1.76	0.25	3.97
		17	0.34	0.34	0.05	0.27	0.69	0.69	0.10	0.56	1.03	1.03	0.15	1.19	1.38	1.38	0.20	2.55	1.76	1.76	0.25	3.98
		19	-	-	-	-	0.69	0.69	0.10	0.56	1.03	1.03	0.15	1.19	1.38	1.38	0.20	2.56	1.77	1.77	0.25	3.99
		20	-	-	-	-	0.69	0.69	0.10	0.56	1.03	1.03	0.15	1.20	1.39	1.39	0.20	2.56	1.77	1.77	0.25	4.00
15	3	15	0.52	0.52	0.15	1.19	0.89	0.89	0.25	4.03	1.27	1.27	0.36	7.37	1.64	1.64	0.47	11.45	2.01	2.01	0.58	16.47
		17	0.52	0.52	0.15	1.20	0.89	0.89	0.25	4.04	1.27	1.27	0.36	7.39	1.65	1.65	0.47	11.48	2.02	2.02	0.58	16.52
		19	-	-	-	-	0.89	0.89	0.26	4.05	1.27	1.27	0.36	7.41	1.65	1.65	0.47	11.51	2.02	2.02	0.58	16.57
		20	-	-	-	-	1.00	0.89	0.28	4.86	1.27	1.26	0.36	7.39	1.65	1.65	0.47	11.53	2.02	2.02	0.58	16.59
	4	15	0.35	0.35	0.07	0.41	0.69	0.69	0.15	1.21	1.06	1.06	0.23	3.31	1.44	1.44	0.31	5.56	1.81	1.81	0.39	8.23
		17	0.35	0.35	0.07	0.41	0.69	0.69	0.15	1.22	1.06	1.06	0.23	3.32	1.44	1.44	0.31	5.58	1.81	1.81	0.39	8.26
		19	-	-	-	-	0.69	0.69	0.15	1.22	1.06	1.06	0.23	3.33	1.44	1.44	0.31	5.59	1.82	1.82	0.39	8.28
		20	-	-	-	-	0.69	0.68	0.15	1.21	1.06	1.06	0.23	3.33	1.44	1.44	0.31	5.60	1.82	1.82	0.39	8.29
	5	15	0.17	0.17	0.03	0.16	0.52	0.52	0.09	0.49	0.86	0.86	0.15	1.25	1.23	1.23	0.21	2.92	1.61	1.61	0.28	4.62
		17	0.17	0.17	0.03	0.16	0.52	0.52	0.09	0.49	0.86	0.86	0.15	1.25	1.23	1.23	0.21	2.93	1.61	1.61	0.28	4.63
		19	-	-	-	-	0.52	0.52	0.09	0.49	0.87	0.87	0.15	1.26	1.23	1.23	0.21	2.94	1.61	1.61	0.28	4.64
		20	-	-	-	-	0.53	0.53	0.09	0.49	0.87	0.87	0.15	1.26	1.23	1.23	0.21	2.94	1.61	1.61	0.28	4.65
	6	15	-	-	-	-	0.35	0.35	0.05	0.26	0.70	0.70	0.10	0.54	1.03	1.03	0.15	1.25	1.39	1.39	0.20	2.62
		17	-	-	-	-	0.35	0.35	0.05	0.26	0.70	0.70	0.10	0.54	1.03	1.03	0.15	1.26	1.40	1.40	0.20	2.63
		19	-	-	-	-	0.35	0.35	0.05	0.26	0.70	0.70	0.10	0.54	1.04	1.04	0.15	1.26	1.40	1.40	0.20	2.64
		20	-	-	-	-	0.35	0.35	0.05	0.27	0.70	0.70	0.10	0.54	1.04	1.04	0.15	1.27	1.40	1.40	0.20	2.65

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V500-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	3.44	2.74	0.99	44.57	3.41	3.16	0.98	43.84	3.58	3.57	1.03	48.26	3.99	3.99	1.14	57.61	4.39	4.39	1.26	68.37	
		17	4.68	2.74	1.35	77.39	4.65	3.17	1.34	76.60	4.63	3.58	1.34	75.80	4.60	4.00	1.33	74.97	4.56	4.41	1.32	73.99	
		19	-	-	-	-	5.97	3.17	1.72	117.91	5.94	3.59	1.72	117.90	5.91	4.00	1.71	117.15	5.88	4.41	1.70	116.00	
		20	-	-	-	-	6.67	3.17	1.93	144.63	6.64	3.59	1.93	144.58	6.60	4.01	1.91	141.79	6.57	4.42	1.90	140.27	
	4	15	2.92	2.50	0.63	20.42	2.96	2.93	0.64	20.89	3.34	3.34	0.72	25.50	3.75	3.75	0.81	31.23	4.16	4.16	0.89	37.38	
		17	4.15	2.50	0.89	37.17	4.12	2.93	0.88	36.77	4.10	3.34	0.88	36.36	4.06	3.76	0.87	35.81	4.17	4.17	0.90	37.53	
		19	-	-	-	-	5.45	2.93	1.17	60.15	5.42	3.35	1.17	59.93	5.39	3.77	1.16	59.32	5.36	4.18	1.16	58.74	
		20	-	-	-	-	6.16	2.94	1.33	74.89	6.12	3.36	1.32	74.13	6.09	3.77	1.32	73.40	6.04	4.18	1.30	71.74	
	5	15	2.38	2.26	0.41	9.66	2.69	2.69	0.46	11.90	3.11	3.11	0.54	15.42	3.53	3.53	0.61	19.12	3.93	3.93	0.67	22.90	
		17	3.62	2.27	0.62	20.00	3.60	2.69	0.62	19.78	3.56	3.11	0.61	19.47	3.60	3.53	0.62	19.80	3.94	3.94	0.68	22.96	
		19	-	-	-	-	4.92	2.70	0.85	33.98	4.89	3.12	0.84	33.63	4.86	3.54	0.84	33.27	4.83	3.95	0.83	32.91	
		20	-	-	-	-	5.61	2.69	0.96	42.37	5.57	3.12	0.96	41.93	5.54	3.53	0.95	41.51	5.51	3.95	0.95	41.09	
	6	15	2.01	2.01	0.29	5.33	2.45	2.45	0.35	7.43	2.87	2.87	0.41	9.76	3.30	3.30	0.47	12.36	3.71	3.71	0.53	15.14	
		17	3.05	2.03	0.44	10.80	3.02	2.45	0.43	10.62	3.03	2.88	0.43	10.65	3.30	3.29	0.47	12.39	3.71	3.71	0.53	15.18	
		19	-	-	-	-	4.36	2.46	0.62	19.85	4.33	2.88	0.62	19.63	4.30	3.30	0.61	19.41	4.26	3.71	0.61	19.12	
		20	-	-	-	-	5.06	2.46	0.72	25.70	5.03	2.88	0.72	25.43	5.00	3.30	0.71	25.16	4.97	3.72	0.71	24.89	
7	3	15	2.49	2.32	0.72	25.17	2.74	2.74	0.79	30.09	3.16	3.16	0.91	38.51	3.57	3.57	1.03	47.07	3.98	3.98	1.15	57.43	
		17	3.74	2.32	1.08	51.35	3.71	2.74	1.06	50.21	3.67	3.16	1.06	49.49	3.66	3.58	1.05	49.22	3.99	3.99	1.15	57.59	
		19	-	-	-	-	5.04	2.75	1.46	87.44	5.01	3.17	1.45	86.49	4.98	3.59	1.44	85.59	4.95	4.00	1.44	84.74	
		20	-	-	-	-	5.73	2.75	1.65	108.55	5.71	3.17	1.66	109.29	5.66	3.58	1.63	106.27	5.63	4.00	1.63	105.20	
	4	15	2.09	2.09	0.45	11.30	2.51	2.51	0.54	15.56	2.93	2.93	0.63	20.07	3.34	3.34	0.72	25.26	3.76	3.76	0.81	31.26	
		17	3.18	2.08	0.68	23.16	3.15	2.51	0.68	22.81	3.13	2.93	0.67	22.55	3.35	3.34	0.72	25.31	3.76	3.76	0.81	31.34	
		19	-	-	-	-	4.49	2.51	0.97	42.58	4.46	2.94	0.97	42.12	4.43	3.35	0.96	41.65	4.40	3.77	0.95	41.10	
		20	-	-	-	-	5.19	2.52	1.12	54.85	5.15	2.94	1.12	54.27	5.12	3.36	1.11	53.72	5.09	3.77	1.10	53.16	
	5	15	1.84	1.84	0.32	6.17	2.27	2.27	0.39	8.82	2.69	2.69	0.46	11.81	3.11	3.11	0.54	15.16	3.52	3.52	0.61	18.74	
		17	2.60	1.85	0.45	11.10	2.57	2.27	0.44	10.92	2.72	2.70	0.47	11.97	3.12	3.12	0.54	15.21	3.53	3.53	0.61	18.79	
		19	-	-	-	-	3.91	2.28	0.67	22.42	3.88	2.70	0.67	22.16	3.83	3.29	0.68	23.70	3.83	3.53	0.66	21.59	
		20	-	-	-	-	4.62	2.28	0.80	30.18	4.59	2.71	0.79	29.85	4.57	3.13	0.79	29.53	4.53	3.54	0.78	29.19	
	6	15	1.59	1.59	0.23	3.40	2.03	2.03	0.29	5.31	2.46	2.46	0.35	7.36	2.88	2.88	0.41	9.65	3.30	3.30	0.47	12.15	
		17	1.96	1.60	0.28	5.00	2.07	2.04	0.30	5.50	2.46	2.46	0.35	7.38	2.89	2.89	0.41	9.67	3.30	3.30	0.47	12.19	
		19	-	-	-	-	3.32	2.05	0.48	12.29	3.29	2.47	0.47	12.10	3.26	2.89	0.47	11.93	3.37	3.31	0.48	12.62	
		20	-	-	-	-	4.03	2.05	0.58	17.17	4.00	2.47	0.57	16.96	3.97	2.89	0.57	16.75	3.94	3.31	0.56	16.48	
9	3	15	1.90	1.90	0.55	15.56	2.32	2.32	0.67	21.90	2.74	2.74	0.79	29.69	3.15	3.15	0.91	37.40	3.57	3.57	1.03	47.06	
		17	2.73	1.90	0.79	29.46	2.70	2.32	0.78	28.88	2.76	2.75	0.80	30.07	3.16	3.16	0.91	37.50	3.58	3.58	1.04	47.19	
		19	-	-	-	-	4.02	2.32	1.16	57.17	3.99	2.74	1.15	56.50	3.96	3.16	1.14	55.80	3.93	3.58	1.13	54.91	
		20	-	-	-	-	4.73	2.33	1.37	76.62	4.70	2.75	1.36	76.00	4.67	3.17	1.36	75.59	4.64	3.58	1.35	74.72	
	4	15	1.66	1.66	0.36	7.47	2.09	2.09	0.45	11.07	2.51	2.51	0.54	15.20	2.93	2.93	0.63	19.93	3.34	3.34	0.72	25.19	
		17	2.12	1.66	0.46	11.37	2.16	2.09	0.46	11.72	2.51	2.51	0.54	15.24	2.93	2.93	0.63	19.98	3.35	3.35	0.73	25.26	
		19	-	-	-	-	3.45	2.09	0.75	26.55	3.42	2.52	0.74	26.20	3.39	2.94	0.73	25.75	3.43	3.36	0.74	26.30	
		20	-	-	-	-	4.14	2.09	0.89	36.12	4.11	2.52	0.89	35.71	4.08	2.94	0.88	35.31	4.05	3.35	0.87	34.77	
	5	15	1.41	1.41	0.24	3.86	1.85	1.85	0.32	6.13	2.28	2.28	0.39	8.74	2.70	2.70	0.46	11.68	3.12	3.12	0.54	15.01	
		17	1.50	1.42	0.26	4.31	1.85	1.85	0.32	6.14	2.28	2.28	0.39	8.76	2.70	2.70	0.47	11.71	3.12	3.12	0.54	15.05	
		19	-	-	-	-	2.83	1.86	0.49	12.67	2.80	2.28	0.48	12.42	2.83	2.71	0.49	12.68	3.13	3.12	0.54	15.09	
		20	-	-	-	-	3.54	1.86	0.61	18.60	3.51	2.29	0.60	18.37	3.48	2.71	0.60	18.07	3.46	3.12	0.60	17.86	
	6	15	1.19	1.19	0.17	1.64	1.60	1.60	0.23	3.47	2.04	2.04	0.29	5.29	2.47	2.47	0.35	7.30	2.89	2.89	0.41	9.55	
		17	1.19	1.19	0.17	1.65	1.61	1.61	0.23	3.48	2.05	2.05	0.29	5.30	2.47	2.47	0.35	7.32	2.89	2.89	0.42	9.57	
		19	-	-	-	-	2.17	1.62	0.31	5.86	2.20	2.05	0.32	5.99	2.48	2.48	0.36	7.36	2.90	2.90	0.42	9.60	
		20	-	-	-	-	2.91	1.63	0.42	9.64	2.87	2.05	0.41	9.46	2.85	2.48	0.41	9.34	2.98	2.90	0.43	10.05	

(Continued)

NFD-V500-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	1.47	1.47	0.42	9.72	1.90	1.90	0.54	15.19	2.32	2.32	0.66	21.35	2.74	2.74	0.78	28.62	3.15	3.15	0.90	36.66	
		17	1.63	1.47	0.46	11.59	1.90	1.89	0.54	15.21	2.32	2.32	0.66	21.41	2.74	2.74	0.78	28.60	3.16	3.16	0.91	36.76	
		19	-	-	-	-	2.94	1.90	0.84	32.23	2.91	2.32	0.83	31.61	2.90	2.74	0.83	31.42	3.16	3.16	0.91	36.83	
		20	-	-	-	-	3.64	1.90	1.04	46.81	3.61	2.32	1.03	46.24	3.58	2.74	1.02	45.57	3.55	3.16	1.01	44.79	
	4	15	1.23	1.23	0.26	4.39	1.66	1.66	0.36	7.34	2.09	2.09	0.45	10.84	2.51	2.51	0.54	14.86	2.93	2.93	0.63	19.35	
		17	1.23	1.22	0.26	4.38	1.67	1.67	0.36	7.36	2.09	2.09	0.45	10.87	2.51	2.51	0.54	14.90	2.93	2.93	0.63	19.41	
		19	-	-	-	-	2.31	1.67	0.49	12.84	2.30	2.09	0.49	12.77	2.52	2.52	0.54	14.98	2.94	2.94	0.63	19.46	
		20	-	-	-	-	3.02	1.67	0.65	20.43	2.99	2.09	0.64	20.09	2.96	2.52	0.63	19.72	3.02	2.94	0.65	20.42	
	5	15	1.00	1.00	0.17	1.73	1.43	1.43	0.25	3.89	1.86	1.86	0.32	6.10	2.29	2.29	0.39	8.66	2.70	2.70	0.47	11.55	
		17	1.00	1.00	0.17	1.73	1.43	1.43	0.25	3.90	1.87	1.87	0.32	6.12	2.29	2.29	0.39	8.69	2.71	2.71	0.47	11.58	
		19	-	-	-	-	1.65	1.43	0.28	4.98	1.88	1.87	0.32	6.20	2.29	2.29	0.40	8.71	2.71	2.71	0.47	11.62	
		20	-	-	-	-	2.37	1.44	0.41	9.22	2.34	1.87	0.40	9.03	2.41	2.30	0.41	9.46	2.72	2.71	0.47	11.63	
	6	15	0.81	0.81	0.12	0.70	1.20	1.20	0.17	1.73	1.62	1.62	0.23	3.51	2.05	2.05	0.29	5.21	2.47	2.47	0.35	7.18	
		17	0.81	0.81	0.12	0.70	1.20	1.20	0.17	1.74	1.62	1.62	0.23	3.52	2.05	2.05	0.29	5.22	2.48	2.48	0.35	7.20	
		19	-	-	-	-	1.21	1.20	0.17	1.78	1.63	1.63	0.23	3.53	2.06	2.06	0.29	5.24	2.48	2.48	0.36	7.22	
		20	-	-	-	-	1.64	1.19	0.24	3.58	1.72	1.63	0.25	3.89	2.06	2.05	0.29	5.25	2.48	2.48	0.36	7.23	
13	3	15	1.04	1.04	0.30	5.40	1.47	1.47	0.42	9.76	1.90	1.90	0.55	15.10	2.32	2.32	0.67	21.34	2.73	2.73	0.78	28.01	
		17	1.04	1.04	0.30	5.42	1.48	1.48	0.42	9.79	1.90	1.90	0.55	15.14	2.32	2.32	0.67	21.41	2.74	2.74	0.78	28.09	
		19	-	-	-	-	1.76	1.47	0.50	13.01	1.92	1.91	0.55	15.32	2.33	2.33	0.67	21.47	2.74	2.74	0.78	28.18	
		20	-	-	-	-	2.48	1.48	0.71	24.01	2.45	1.90	0.70	23.46	2.46	2.33	0.71	23.59	2.74	2.74	0.78	28.19	
	4	15	0.80	0.80	0.17	1.79	1.24	1.24	0.27	4.42	1.67	1.67	0.36	7.25	2.09	2.09	0.45	10.70	2.51	2.51	0.54	14.83	
		17	0.80	0.80	0.17	1.80	1.24	1.24	0.27	4.43	1.67	1.67	0.36	7.27	2.09	2.09	0.45	10.73	2.52	2.52	0.54	14.87	
		19	-	-	-	-	1.26	1.25	0.27	4.52	1.67	1.67	0.36	7.30	2.10	2.10	0.45	10.76	2.52	2.52	0.54	14.92	
		20	-	-	-	-	1.79	1.24	0.38	8.15	1.81	1.67	0.39	8.33	2.10	2.09	0.45	10.77	2.53	2.53	0.54	14.94	
	5	15	0.61	0.61	0.10	0.60	1.00	1.00	0.17	1.77	1.43	1.43	0.25	3.82	1.86	1.86	0.32	5.98	2.29	2.29	0.39	8.48	
		17	0.61	0.61	0.10	0.60	1.00	1.00	0.17	1.78	1.43	1.43	0.25	3.83	1.87	1.87	0.32	6.00	2.29	2.29	0.39	8.50	
		19	-	-	-	-	1.00	1.00	0.17	1.79	1.44	1.44	0.25	3.85	1.87	1.87	0.32	6.01	2.29	2.29	0.39	8.53	
		20	-	-	-	-	1.08	1.00	0.18	2.17	1.44	1.43	0.25	3.84	1.87	1.87	0.32	6.02	2.30	2.30	0.39	8.54	
	6	15	0.41	0.41	0.06	0.33	0.81	0.81	0.12	0.68	1.20	1.20	0.17	1.79	1.63	1.63	0.23	3.48	2.06	2.06	0.29	5.18	
		17	0.41	0.41	0.06	0.33	0.82	0.82	0.12	0.68	1.20	1.20	0.17	1.80	1.63	1.63	0.23	3.49	2.06	2.06	0.30	5.19	
		19	-	-	-	-	0.82	0.82	0.12	0.68	1.20	1.20	0.17	1.81	1.64	1.64	0.23	3.50	2.07	2.07	0.30	5.21	
		20	-	-	-	-	0.82	0.82	0.12	0.69	1.20	1.20	0.17	1.81	1.64	1.64	0.23	3.51	2.07	2.07	0.30	5.22	
15	3	15	0.60	0.60	0.17	1.81	1.04	1.04	0.30	5.26	1.47	1.47	0.42	9.49	1.90	1.90	0.55	14.91	2.32	2.32	0.66	20.85	
		17	0.60	0.60	0.17	1.82	1.04	1.04	0.30	5.28	1.48	1.48	0.42	9.52	1.90	1.90	0.55	14.95	2.32	2.32	0.66	20.81	
		19	-	-	-	-	1.05	1.05	0.30	5.29	1.48	1.48	0.42	9.55	1.91	1.91	0.55	15.00	2.32	2.32	0.66	20.82	
		20	-	-	-	-	1.21	1.04	0.34	6.75	1.48	1.47	0.42	9.53	1.91	1.91	0.55	15.02	2.32	2.32	0.66	20.85	
	4	15	0.41	0.41	0.09	0.48	0.80	0.80	0.17	1.84	1.24	1.24	0.27	4.34	1.67	1.67	0.36	7.19	2.10	2.10	0.45	10.71	
		17	0.41	0.41	0.09	0.48	0.81	0.81	0.17	1.85	1.24	1.24	0.27	4.35	1.67	1.67	0.36	7.21	2.10	2.10	0.45	10.74	
		19	-	-	-	-	0.81	0.81	0.17	1.86	1.25	1.25	0.27	4.36	1.68	1.68	0.36	7.23	2.11	2.11	0.45	10.77	
		20	-	-	-	-	0.80	0.79	0.17	1.84	1.25	1.25	0.27	4.37	1.68	1.68	0.36	7.24	2.11	2.11	0.45	10.79	
	5	15	0.21	0.21	0.04	0.19	0.62	0.62	0.11	0.58	1.01	1.01	0.17	1.89	1.44	1.44	0.25	3.85	1.87	1.87	0.32	5.98	
		17	0.21	0.21	0.04	0.19	0.62	0.62	0.11	0.58	1.01	1.01	0.17	1.90	1.45	1.45	0.25	3.86	1.88	1.88	0.32	6.00	
		19	-	-	-	-	0.62	0.62	0.11	0.59	1.01	1.01	0.17	1.91	1.45	1.45	0.25	3.87	1.88	1.88	0.32	6.02	
		20	-	-	-	-	0.62	0.62	0.11	0.59	1.01	1.01	0.17	1.91	1.45	1.45	0.25	3.88	1.88	1.88	0.32	6.03	
	6	15	-	-	-	-	0.41	0.41	0.06	0.31	0.82	0.82	0.12	0.69	1.21	1.21	0.17	1.90	1.64	1.64	0.24	3.49	
		17	-	-	-	-	0.41	0.41	0.06	0.32	0.82	0.82	0.12	0.69	1.21	1.21	0.17	1.91	1.64	1.64	0.24	3.50	
		19	-	-	-	-	0.41	0.41	0.06	0.32	0.82	0.82	0.12	0.69	1.21	1.21	0.17	1.92	1.65	1.65	0.24	3.51	
		20	-	-	-	-	0.41	0.41	0.06	0.32	0.82	0.82	0.12	0.69	1.21	1.21	0.17	1.92	1.65	1.65	0.24	3.52	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	4.28	3.43	1.22	27.72	4.23	3.96	1.21	27.24	4.48	4.48	1.28	30.13	5.01	5.01	1.43	36.48	5.52	5.52	1.58	43.28
		17	5.85	3.44	1.69	48.46	5.81	3.97	1.68	47.93	5.78	4.50	1.66	47.42	5.74	5.02	1.65	46.87	5.68	5.53	1.63	45.83
		19	-	-	-	-	7.48	3.98	2.16	74.81	7.44	4.50	2.15	74.02	7.40	5.03	2.14	73.27	7.34	5.54	2.10	71.40
		20	-	-	-	-	8.37	3.98	2.42	91.30	8.32	4.51	2.41	90.34	8.27	5.03	2.39	89.18	8.21	5.55	2.36	87.13
	4	15	3.57	3.11	0.77	12.33	3.64	3.63	0.78	12.74	4.18	4.18	0.90	16.31	4.70	4.70	1.01	19.97	5.21	5.21	1.12	23.64
		17	5.14	3.12	1.10	23.06	5.11	3.65	1.09	22.80	5.07	4.18	1.09	22.53	5.04	4.71	1.08	22.42	5.22	5.22	1.12	23.70
		19	-	-	-	-	6.78	3.66	1.46	37.32	6.74	4.19	1.45	36.93	6.70	4.71	1.44	36.55	6.66	5.23	1.43	36.16
		20	-	-	-	-	7.67	3.66	1.65	46.29	7.62	4.19	1.64	45.82	7.58	4.72	1.63	45.35	7.54	5.24	1.62	44.89
	5	15	2.85	2.79	0.49	5.70	3.33	3.33	0.57	7.45	3.87	3.87	0.66	9.59	4.39	4.39	0.75	11.93	4.91	4.91	0.84	14.46
		17	4.43	2.81	0.76	12.11	4.40	3.35	0.75	11.96	4.36	3.88	0.75	11.76	4.41	4.41	0.76	11.99	4.92	4.92	0.84	14.50
		19	-	-	-	-	6.08	3.35	1.04	20.85	6.05	3.89	1.04	20.85	6.01	4.42	1.04	20.63	5.97	4.94	1.03	20.39
		20	-	-	-	-	6.96	3.35	1.19	26.37	6.92	3.89	1.19	26.10	6.88	4.41	1.18	25.82	6.84	4.93	1.17	25.55
	6	15	2.46	2.46	0.35	3.05	3.01	3.01	0.43	4.59	3.56	3.56	0.51	6.08	4.09	4.09	0.59	7.71	4.61	4.61	0.66	9.47
		17	3.68	2.49	0.53	6.44	3.64	3.03	0.52	6.32	3.64	3.56	0.52	6.31	4.10	4.10	0.59	7.73	4.62	4.62	0.66	9.50
		19	-	-	-	-	5.36	3.05	0.77	12.28	5.32	3.58	0.76	12.14	5.29	4.11	0.76	12.00	5.24	4.63	0.75	11.82
		20	-	-	-	-	6.25	3.05	0.90	15.99	6.21	3.59	0.89	15.82	6.17	4.12	0.89	15.64	6.13	4.64	0.88	15.47
7	3	15	3.09	2.90	0.89	15.83	3.44	3.44	0.99	19.04	3.96	3.96	1.14	24.02	4.49	4.49	1.30	30.25	5.00	5.00	1.45	36.58
		17	4.65	2.91	1.35	32.23	4.62	3.44	1.34	31.86	4.58	3.97	1.32	31.38	4.56	4.50	1.32	31.12	5.01	5.01	1.45	36.69
		19	-	-	-	-	6.28	3.44	1.80	53.76	6.24	3.97	1.79	53.17	6.20	4.50	1.78	52.60	6.16	5.02	1.77	52.06
		20	-	-	-	-	7.17	3.44	2.07	68.45	7.13	3.98	2.06	67.74	7.09	4.50	2.05	67.02	7.04	5.02	2.03	66.29
	4	15	2.58	2.57	0.56	7.03	3.13	3.13	0.67	9.73	3.66	3.66	0.79	12.81	4.18	4.18	0.90	16.14	4.70	4.70	1.01	19.53
		17	3.93	2.60	0.85	14.46	3.89	3.13	0.84	14.23	3.86	3.66	0.83	14.04	4.19	4.19	0.91	16.18	4.71	4.71	1.01	19.59
		19	-	-	-	-	5.56	3.13	1.20	26.12	5.52	3.67	1.19	25.83	5.49	4.19	1.18	25.54	5.44	4.71	1.17	25.18
		20	-	-	-	-	6.46	3.14	1.40	34.23	6.42	3.67	1.39	33.87	6.38	4.20	1.38	33.50	6.34	4.72	1.37	33.14
	5	15	2.26	2.26	0.39	3.78	2.81	2.81	0.48	5.50	3.35	3.35	0.58	7.40	3.88	3.88	0.67	9.51	4.40	4.40	0.76	11.82
		17	3.14	2.28	0.54	6.64	3.11	2.82	0.53	6.52	3.35	3.34	0.58	7.41	3.88	3.88	0.67	9.54	4.41	4.41	0.76	11.85
		19	-	-	-	-	4.81	2.83	0.83	13.77	4.78	3.36	0.82	13.61	4.78	4.07	0.85	14.20	4.70	4.41	0.81	13.22
		20	-	-	-	-	5.70	2.83	0.98	18.43	5.66	3.36	0.97	18.22	5.62	3.89	0.97	18.01	5.58	4.42	0.96	17.80
	6	15	1.97	1.97	0.28	1.79	2.49	2.49	0.36	3.21	3.03	3.03	0.43	4.56	3.57	3.57	0.51	6.02	4.10	4.10	0.59	7.62
		17	2.28	1.95	0.33	2.64	2.48	2.46	0.36	3.20	3.04	3.04	0.44	4.58	3.58	3.58	0.51	6.04	4.11	4.11	0.59	7.64
		19	-	-	-	-	4.02	2.52	0.58	7.38	3.98	3.05	0.57	7.26	3.95	3.58	0.57	7.14	4.11	4.11	0.59	7.67
		20	-	-	-	-	4.92	2.53	0.71	10.42	4.89	3.06	0.70	10.30	4.85	3.59	0.70	10.16	4.80	4.12	0.69	10.00
9	3	15	2.36	2.36	0.68	9.74	2.90	2.90	0.83	13.84	3.43	3.43	0.98	18.48	3.96	3.96	1.14	23.67	4.48	4.48	1.30	29.79
		17	3.36	2.36	0.96	17.82	3.32	2.90	0.95	17.45	3.43	3.41	0.98	18.45	3.96	3.96	1.14	23.74	4.49	4.49	1.30	29.87
		19	-	-	-	-	5.00	2.90	1.44	35.64	4.97	3.44	1.43	35.22	4.93	3.97	1.42	34.76	4.88	4.49	1.40	34.18
		20	-	-	-	-	5.90	2.91	1.71	48.25	5.86	3.45	1.70	47.70	5.83	3.98	1.69	47.16	5.79	4.50	1.68	46.63
	4	15	2.05	2.05	0.44	4.64	2.59	2.59	0.56	6.94	3.13	3.13	0.67	9.56	3.66	3.66	0.79	12.50	4.18	4.18	0.90	15.76
		17	2.56	2.05	0.55	6.80	2.62	2.60	0.56	7.04	3.13	3.13	0.67	9.59	3.66	3.66	0.79	12.54	4.19	4.19	0.90	15.80
		19	-	-	-	-	4.24	2.60	0.91	16.17	4.21	3.14	0.91	15.95	4.16	3.67	0.90	15.65	4.22	4.20	0.91	16.00
		20	-	-	-	-	5.13	2.61	1.11	22.56	5.10	3.14	1.10	22.29	5.06	3.67	1.09	22.03	5.02	4.20	1.08	21.69
	5	15	1.73	1.73	0.30	2.10	2.28	2.28	0.39	3.78	2.82	2.82	0.49	5.45	3.36	3.36	0.58	7.33	3.88	3.88	0.67	9.40
		17	1.76	1.73	0.30	2.19	2.28	2.28	0.39	3.80	2.83	2.83	0.49	5.47	3.36	3.36	0.58	7.35	3.89	3.89	0.67	9.43
		19	-	-	-	-	3.44	2.30	0.59	7.62	3.39	2.83	0.58	7.46	3.43	3.37	0.59	7.60	3.90	3.90	0.67	9.45
		20	-	-	-	-	4.34	2.30	0.75	11.36	4.30	2.84	0.74	11.21	4.26	3.37	0.73	11.02	4.23	3.90	0.73	10.87
	6	15	1.49	1.49	0.21	0.88	1.97	1.97	0.28	1.85	2.50	2.50	0.36	3.23	3.05	3.05	0.44	4.54	3.58	3.58	0.51	5.97
		17	1.49	1.48	0.21	0.88	1.97	1.97	0.28	1.86	2.51	2.51	0.36	3.24	3.05	3.05	0.44	4.55	3.59	3.59	0.51	5.99
		19	-	-	-	-	2.53	1.97	0.36	3.29	2.56	2.52	0.37	3.38	3.06	3.06	0.44	4.57	3.60	3.60	0.52	6.01
		20	-	-	-	-	3.49	1.99	0.50	5.71	3.45	2.53	0.49	5.59	3.42	3.07	0.49	5.51	3.61	3.61	0.52	6.04

(Continued)

NFD-V600-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.82	1.82	0.52	6.08	2.37	2.37	0.67	9.49	2.90	2.90	0.83	13.47	3.43	3.43	0.98	18.00	3.95	3.95	1.13	23.04
		17	1.97	1.83	0.56	6.94	2.37	2.37	0.68	9.52	2.90	2.90	0.83	13.51	3.43	3.43	0.98	18.05	3.96	3.96	1.13	23.11
		19	-	-	-	-	3.64	2.37	1.04	19.94	3.59	2.91	1.03	19.54	3.58	3.44	1.02	19.38	3.96	3.96	1.13	23.18
		20	-	-	-	-	4.52	2.37	1.29	29.11	4.49	2.91	1.28	28.75	4.46	3.44	1.28	28.60	4.41	3.97	1.26	28.08
	4	15	1.50	1.50	0.32	2.59	2.06	2.06	0.44	4.57	2.60	2.60	0.56	6.80	3.13	3.13	0.67	9.36	3.66	3.66	0.78	12.22
		17	1.50	1.50	0.32	2.59	2.06	2.06	0.44	4.58	2.60	2.60	0.56	6.82	3.14	3.14	0.67	9.38	3.66	3.66	0.78	12.25
		19	-	-	-	-	2.80	2.07	0.60	7.73	2.79	2.61	0.60	7.67	3.14	3.13	0.67	9.40	3.67	3.67	0.79	12.29
		20	-	-	-	-	3.71	2.07	0.79	12.52	3.67	2.61	0.79	12.30	3.63	3.14	0.78	12.06	3.70	3.68	0.79	12.48
	5	15	1.25	1.25	0.22	0.91	1.74	1.74	0.30	2.21	2.29	2.29	0.39	3.78	2.83	2.83	0.49	5.41	3.37	3.37	0.58	7.25
		17	1.25	1.25	0.22	0.91	1.75	1.75	0.30	2.22	2.30	2.30	0.40	3.79	2.84	2.84	0.49	5.43	3.37	3.37	0.58	7.27
		19	-	-	-	-	1.90	1.75	0.33	2.71	2.30	2.28	0.40	3.79	2.84	2.84	0.49	5.44	3.38	3.38	0.58	7.30
		20	-	-	-	-	2.85	1.77	0.49	5.46	2.81	2.31	0.48	5.33	2.89	2.85	0.50	5.60	3.38	3.38	0.58	7.31
	6	15	0.99	0.99	0.14	0.49	1.49	1.49	0.21	0.91	1.98	1.98	0.28	1.95	2.52	2.52	0.36	3.24	3.06	3.06	0.44	4.51
		17	1.00	1.00	0.14	0.49	1.50	1.50	0.21	0.92	1.98	1.98	0.28	1.96	2.53	2.53	0.36	3.25	3.07	3.07	0.44	4.52
		19	-	-	-	-	1.50	1.49	0.22	0.92	1.99	1.99	0.29	1.97	2.53	2.53	0.36	3.26	3.08	3.08	0.44	4.54
		20	-	-	-	-	1.89	1.45	0.27	1.73	2.00	2.00	0.29	2.00	2.53	2.53	0.36	3.27	3.08	3.08	0.44	4.54
13	3	15	1.28	1.28	0.37	3.34	1.83	1.83	0.53	6.12	2.37	2.37	0.68	9.51	2.90	2.90	0.83	13.26	3.43	3.43	0.99	17.99
		17	1.28	1.28	0.37	3.35	1.84	1.84	0.53	6.14	2.37	2.37	0.68	9.54	2.90	2.90	0.83	13.30	3.43	3.43	0.99	18.04
		19	-	-	-	-	2.15	1.84	0.62	8.05	2.37	2.35	0.68	9.51	2.91	2.91	0.83	13.34	3.44	3.44	0.99	18.09
		20	-	-	-	-	3.04	1.83	0.87	14.41	2.99	2.37	0.85	14.05	3.00	2.91	0.86	14.12	3.44	3.44	0.99	18.12
	4	15	1.00	1.00	0.22	0.94	1.52	1.52	0.33	2.69	2.07	2.07	0.45	4.58	2.60	2.60	0.56	6.71	3.13	3.13	0.67	9.22
		17	1.00	1.00	0.22	0.94	1.52	1.52	0.33	2.70	2.07	2.07	0.45	4.60	2.61	2.61	0.56	6.73	3.14	3.14	0.67	9.25
		19	-	-	-	-	1.51	1.49	0.33	2.68	2.08	2.08	0.45	4.61	2.61	2.61	0.56	6.75	3.14	3.14	0.67	9.28
		20	-	-	-	-	2.15	1.53	0.46	4.89	2.17	2.08	0.47	4.98	2.61	2.60	0.56	6.76	3.14	3.14	0.67	9.29
	5	15	0.75	0.75	0.13	0.42	1.25	1.25	0.21	0.93	1.75	1.75	0.30	2.25	2.30	2.30	0.39	3.71	2.84	2.84	0.49	5.30
		17	0.75	0.75	0.13	0.42	1.25	1.25	0.21	0.93	1.75	1.75	0.30	2.26	2.30	2.30	0.40	3.72	2.84	2.84	0.49	5.32
		19	-	-	-	-	1.25	1.25	0.21	0.93	1.75	1.75	0.30	2.27	2.31	2.31	0.40	3.73	2.85	2.85	0.49	5.33
		20	-	-	-	-	1.31	1.24	0.22	1.06	1.75	1.75	0.30	2.27	2.31	2.31	0.40	3.74	2.85	2.85	0.49	5.34
	6	15	0.49	0.49	0.07	0.23	1.00	1.00	0.14	0.46	1.49	1.49	0.21	0.94	1.99	1.99	0.28	2.00	2.53	2.53	0.36	3.20
		17	0.49	0.49	0.07	0.23	1.00	1.00	0.14	0.46	1.49	1.49	0.21	0.94	1.99	1.99	0.28	2.01	2.54	2.54	0.36	3.21
		19	-	-	-	-	1.00	1.00	0.14	0.46	1.50	1.50	0.21	0.94	1.99	1.99	0.29	2.02	2.54	2.54	0.36	3.22
		20	-	-	-	-	1.00	0.99	0.14	0.46	1.50	1.50	0.21	0.95	2.00	2.00	0.29	2.02	2.55	2.55	0.36	3.23
15	3	15	0.75	0.75	0.21	0.94	1.28	1.28	0.37	3.25	1.83	1.83	0.52	5.95	2.37	2.37	0.68	9.24	2.90	2.90	0.83	13.09
		17	0.75	0.75	0.21	0.95	1.29	1.29	0.37	3.26	1.83	1.83	0.52	5.97	2.37	2.37	0.68	9.27	2.90	2.90	0.83	13.12
		19	-	-	-	-	1.29	1.29	0.37	3.27	1.84	1.84	0.52	5.99	2.37	2.37	0.68	9.30	2.91	2.91	0.83	13.17
		20	-	-	-	-	1.43	1.29	0.41	3.90	1.84	1.82	0.52	5.98	2.38	2.38	0.68	9.31	2.91	2.91	0.83	13.19
	4	15	0.50	0.50	0.11	0.34	1.00	1.00	0.21	0.96	1.52	1.52	0.33	2.66	2.07	2.07	0.44	4.49	2.61	2.61	0.56	6.64
		17	0.50	0.50	0.11	0.34	1.00	1.00	0.21	0.96	1.53	1.53	0.33	2.67	2.07	2.07	0.44	4.50	2.61	2.61	0.56	6.66
		19	-	-	-	-	1.00	1.00	0.21	0.97	1.53	1.53	0.33	2.68	2.08	2.08	0.45	4.51	2.62	2.62	0.56	6.68
		20	-	-	-	-	1.00	0.99	0.21	0.96	1.53	1.53	0.33	2.69	2.08	2.08	0.45	4.52	2.62	2.62	0.56	6.69
	5	15	0.25	0.25	0.04	0.13	0.76	0.76	0.13	0.41	1.25	1.25	0.22	0.98	1.77	1.77	0.30	2.34	2.31	2.31	0.40	3.72
		17	0.25	0.25	0.04	0.13	0.76	0.76	0.13	0.41	1.25	1.25	0.22	0.99	1.77	1.77	0.30	2.34	2.32	2.32	0.40	3.73
		19	-	-	-	-	0.76	0.76	0.13	0.41	1.25	1.25	0.22	0.99	1.77	1.77	0.31	2.35	2.32	2.32	0.40	3.74
		20	-	-	-	-	0.76	0.76	0.13	0.41	1.26	1.26	0.22	1.00	1.77	1.77	0.31	2.36	2.32	2.32	0.40	3.75
	6	15	-	-	-	-	0.50	0.50	0.07	0.22	1.01	1.01	0.14	0.45	1.49	1.49	0.21	0.99	2.00	2.00	0.29	2.08
		17	-	-	-	-	0.50	0.50	0.07	0.22	1.01	1.01	0.14	0.45	1.50	1.50	0.21	0.99	2.01	2.01	0.29	2.09
		19	-	-	-	-	0.50	0.50	0.07	0.22	1.01	1.01	0.15	0.45	1.50	1.50	0.22	1.00	2.01	2.01	0.29	2.10
		20	-	-	-	-	0.50	0.50	0.07	0.22	1.01	1.01	0.15	0.45	1.50	1.50	0.22	1.00	2.01	2.01	0.29	2.10

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V800-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	6.01	4.81	1.72	30.10	5.95	5.55	1.70	29.59	6.28	6.28	1.80	32.48	7.01	7.01	2.01	39.32	7.74	7.74	2.23	47.28	
		17	8.18	4.81	2.34	51.54	8.13	5.55	2.33	50.98	8.09	6.29	2.33	50.88	8.05	7.03	2.32	50.69	7.98	7.75	2.30	49.99	
		19	-	-	-	-	10.47	5.56	3.00	79.54	10.40	6.30	2.99	78.72	10.34	7.03	2.97	77.92	10.29	7.76	2.96	77.73	
		20	-	-	-	-	11.71	5.57	3.36	97.08	11.64	6.31	3.34	96.07	11.57	7.04	3.32	95.08	11.51	7.76	3.31	94.12	
	4	15	5.05	4.38	1.08	13.47	5.12	5.11	1.10	13.80	5.87	5.87	1.26	17.60	6.59	6.59	1.42	21.53	7.30	7.30	1.57	25.48	
		17	7.23	4.38	1.55	25.04	7.19	5.13	1.54	24.76	7.14	5.86	1.53	24.47	7.07	6.59	1.52	24.09	7.31	7.30	1.57	25.53	
		19	-	-	-	-	9.52	5.13	2.04	40.43	9.47	5.87	2.03	40.00	9.41	6.61	2.02	39.73	9.36	7.34	2.01	39.42	
		20	-	-	-	-	10.76	5.14	2.31	50.09	10.70	5.88	2.30	49.57	10.64	6.61	2.28	49.06	10.57	7.34	2.27	48.55	
	5	15	4.05	3.94	0.70	6.30	4.69	4.69	0.80	8.07	5.43	5.43	0.93	10.37	6.17	6.17	1.06	12.88	6.90	6.90	1.19	15.74	
		17	6.26	3.96	1.07	13.23	6.22	4.70	1.07	13.07	6.16	5.44	1.06	12.85	6.21	6.18	1.06	13.03	6.91	6.91	1.19	15.79	
		19	-	-	-	-	8.55	4.71	1.47	22.64	8.50	5.45	1.46	22.40	8.44	6.19	1.45	22.15	8.39	6.91	1.44	21.89	
		20	-	-	-	-	9.81	4.72	1.69	28.95	9.73	5.46	1.67	28.33	9.67	6.19	1.66	28.02	9.61	6.92	1.65	27.73	
	6	15	3.48	3.48	0.50	3.46	4.25	4.25	0.61	5.00	5.01	5.01	0.72	6.60	5.75	5.75	0.82	8.35	6.48	6.48	0.93	10.24	
		17	5.23	3.52	0.75	7.12	5.18	4.27	0.74	6.98	5.17	5.02	0.74	6.96	5.76	5.76	0.82	8.37	6.49	6.49	0.93	10.27	
		19	-	-	-	-	7.57	4.30	1.09	13.41	7.52	5.04	1.08	13.26	7.47	5.78	1.07	13.11	7.40	6.50	1.06	12.91	
		20	-	-	-	-	8.79	4.29	1.26	17.24	8.73	5.04	1.25	17.05	8.67	5.77	1.24	16.86	8.62	6.50	1.23	16.67	
7	3	15	4.35	4.07	1.26	17.23	4.82	4.82	1.39	20.53	5.54	5.54	1.59	25.89	6.28	6.28	1.82	32.58	7.00	7.00	2.03	39.40	
		17	6.54	4.07	1.89	34.92	6.49	4.82	1.88	34.55	6.44	5.56	1.86	33.99	6.40	6.29	1.85	33.70	7.02	7.02	2.03	39.52	
		19	-	-	-	-	8.81	4.82	2.54	58.50	8.76	5.57	2.53	58.05	8.71	6.30	2.51	57.42	8.65	7.03	2.50	56.77	
		20	-	-	-	-	10.05	4.83	2.90	73.62	10.00	5.57	2.89	73.21	9.95	6.31	2.88	73.03	9.89	7.04	2.87	72.26	
	4	15	3.63	3.61	0.78	7.61	4.39	4.39	0.95	10.52	5.13	5.13	1.11	13.83	5.86	5.86	1.26	17.20	6.58	6.58	1.42	21.05	
		17	5.54	3.65	1.20	15.76	5.49	4.40	1.19	15.51	5.44	5.14	1.18	15.30	5.86	5.86	1.26	17.24	6.59	6.59	1.42	21.11	
		19	-	-	-	-	7.81	4.40	1.68	28.35	7.76	5.14	1.67	28.03	7.71	5.88	1.66	27.71	7.65	6.60	1.65	27.32	
		20	-	-	-	-	9.04	4.40	1.95	36.58	8.99	5.14	1.93	36.19	8.93	5.88	1.92	35.80	8.88	6.61	1.91	35.55	
	5	15	3.19	3.19	0.55	4.14	3.96	3.96	0.68	5.97	4.70	4.70	0.81	8.01	5.44	5.44	0.94	10.28	6.17	6.17	1.06	12.75	
		17	4.46	3.21	0.77	7.32	4.42	3.96	0.76	7.19	4.71	4.69	0.81	8.02	5.45	5.45	0.94	10.31	6.18	6.18	1.06	12.79	
		19	-	-	-	-	6.79	3.98	1.17	15.06	6.74	4.72	1.16	14.87	6.70	5.66	1.19	15.10	6.63	6.19	1.14	14.43	
		20	-	-	-	-	8.02	3.98	1.38	20.05	7.97	4.73	1.37	19.82	7.92	5.46	1.36	19.59	7.86	6.20	1.35	19.36	
	6	15	2.77	2.77	0.40	2.05	3.51	3.51	0.51	3.56	4.27	4.27	0.61	4.96	5.02	5.02	0.72	6.53	5.76	5.76	0.82	8.24	
		17	3.28	2.76	0.47	3.12	3.51	3.49	0.50	3.56	4.28	4.28	0.61	4.98	5.03	5.03	0.72	6.54	5.77	5.77	0.83	8.26	
		19	-	-	-	-	5.71	3.55	0.82	8.13	5.65	4.30	0.81	7.99	5.60	5.04	0.80	7.86	5.79	5.79	0.83	8.33	
		20	-	-	-	-	6.96	3.56	1.00	11.41	6.91	4.31	0.99	11.27	6.86	5.05	0.98	11.13	6.79	5.78	0.97	10.94	
9	3	15	3.32	3.32	0.95	10.53	4.07	4.07	1.17	14.98	4.81	4.81	1.38	19.93	5.54	5.54	1.59	25.51	6.27	6.27	1.82	32.08	
		17	4.73	3.32	1.36	19.39	4.67	4.07	1.34	18.99	4.80	4.78	1.38	19.92	5.55	5.55	1.59	25.58	6.28	6.28	1.82	32.17	
		19	-	-	-	-	7.03	4.07	2.02	38.63	6.98	4.82	2.01	38.16	6.93	5.55	1.99	37.65	6.86	6.28	1.97	37.03	
		20	-	-	-	-	8.26	4.07	2.38	51.30	8.22	4.83	2.37	51.12	8.17	5.57	2.37	51.02	8.12	6.30	2.35	50.45	
	4	15	2.88	2.88	0.62	5.04	3.64	3.64	0.78	7.51	4.39	4.39	0.94	10.33	5.14	5.14	1.11	13.65	5.86	5.86	1.26	17.02	
		17	3.64	2.89	0.78	7.49	3.70	3.66	0.80	7.70	4.40	4.40	0.95	10.36	5.14	5.14	1.11	13.69	5.87	5.87	1.26	17.07	
		19	-	-	-	-	5.99	3.66	1.29	17.69	5.94	4.41	1.28	17.42	5.87	5.14	1.27	17.09	5.93	5.89	1.28	17.39	
		20	-	-	-	-	7.23	3.67	1.57	24.67	7.18	4.41	1.55	24.38	7.13	5.15	1.54	24.10	7.07	5.89	1.53	23.72	
	5	15	2.44	2.44	0.42	2.40	3.21	3.21	0.55	4.12	3.97	3.97	0.68	5.91	4.71	4.71	0.81	7.92	5.45	5.45	0.94	10.15	
		17	2.50	2.45	0.43	2.56	3.22	3.22	0.55	4.13	3.98	3.98	0.68	5.92	4.72	4.72	0.81	7.94	5.46	5.46	0.94	10.18	
		19	-	-	-	-	4.87	3.24	0.84	8.38	4.81	3.98	0.83	8.21	4.85	4.73	0.84	8.32	5.47	5.47	0.94	10.21	
		20	-	-	-	-	6.12	3.24	1.05	12.41	6.08	3.99	1.05	12.25	6.02	4.73	1.04	12.04	5.97	5.47	1.03	11.87	
	6	15	2.10	2.10	0.30	1.00	2.78	2.78	0.40	2.12	3.53	3.53	0.51	3.54	4.29	4.29	0.62	4.93	5.03	5.03	0.72	6.46	
		17	2.10	2.08	0.30	1.00	2.78	2.78	0.40	2.13	3.54	3.54	0.51	3.55	4.30	4.30	0.62	4.94	5.04	5.04	0.72	6.48	
		19	-	-	-	-	3.65	2.79	0.52	3.73	3.68	3.55	0.53	3.79	4.31	4.30	0.62	4.95	5.05	5.05	0.72	6.50	
		20	-	-	-	-	4.97	2.82	0.71	6.32	4.91	3.57	0.70	6.19	4.87	4.31	0.70	6.10	5.09	5.07	0.73	6.58	

(Continued)

NFD-V800-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	2.56	2.56	0.73	6.59	3.32	3.32	0.95	10.25	4.07	4.07	1.16	14.64	4.80	4.80	1.37	19.40	5.53	5.53	1.58	24.82	
		17	2.80	2.57	0.80	7.64	3.32	3.32	0.95	10.28	4.07	4.07	1.17	14.69	4.81	4.81	1.37	19.46	5.54	5.54	1.58	24.89	
		19	-	-	-	-	5.12	3.33	1.46	21.67	5.06	4.08	1.44	21.24	5.03	4.82	1.44	21.05	5.55	5.55	1.58	24.97	
		20	-	-	-	-	6.35	3.33	1.81	31.57	6.31	4.08	1.80	31.17	6.25	4.82	1.78	30.70	6.19	5.55	1.77	30.16	
	4	15	2.12	2.12	0.45	2.90	2.90	2.90	0.62	4.96	3.65	3.65	0.78	7.36	4.39	4.39	0.94	10.10	5.13	5.13	1.10	13.17	
		17	2.12	2.11	0.45	2.90	2.90	2.90	0.62	4.97	3.66	3.66	0.78	7.38	4.40	4.40	0.94	10.13	5.13	5.13	1.10	13.21	
		19	-	-	-	-	3.97	2.91	0.85	8.49	3.95	3.66	0.85	8.42	4.40	4.39	0.94	10.15	5.14	5.14	1.10	13.25	
		20	-	-	-	-	5.24	2.91	1.12	13.66	5.18	3.67	1.11	13.42	5.13	4.41	1.10	13.17	5.21	5.16	1.12	13.55	
	5	15	1.76	1.76	0.30	1.04	2.46	2.46	0.42	2.51	3.23	3.23	0.56	4.11	3.99	3.99	0.69	5.86	4.72	4.72	0.81	7.84	
		17	1.76	1.76	0.30	1.04	2.47	2.47	0.42	2.52	3.24	3.24	0.56	4.12	3.99	3.99	0.69	5.88	4.73	4.73	0.81	7.86	
		19	-	-	-	-	2.75	2.47	0.47	3.13	3.24	3.22	0.56	4.12	4.00	4.00	0.69	5.90	4.74	4.74	0.82	7.89	
		20	-	-	-	-	4.06	2.50	0.70	6.04	4.00	3.25	0.69	5.90	4.10	4.01	0.71	6.15	4.75	4.74	0.82	7.90	
	6	15	1.41	1.41	0.20	0.51	2.10	2.10	0.30	1.04	2.79	2.79	0.40	2.22	3.56	3.56	0.51	3.53	4.31	4.31	0.62	4.89	
		17	1.41	1.41	0.20	0.51	2.10	2.10	0.30	1.05	2.80	2.80	0.40	2.23	3.56	3.56	0.51	3.54	4.32	4.32	0.62	4.90	
		19	-	-	-	-	2.11	2.10	0.30	1.06	2.80	2.80	0.40	2.24	3.57	3.57	0.51	3.55	4.33	4.33	0.62	4.92	
		20	-	-	-	-	2.71	2.04	0.39	2.07	2.85	2.82	0.41	2.32	3.58	3.57	0.51	3.56	4.33	4.33	0.62	4.93	
13	3	15	1.81	1.81	0.52	3.63	2.57	2.57	0.74	6.62	3.32	3.32	0.96	10.26	4.06	4.06	1.16	14.30	4.80	4.80	1.38	19.37	
		17	1.81	1.81	0.52	3.64	2.58	2.58	0.74	6.64	3.33	3.33	0.96	10.29	4.07	4.07	1.16	14.33	4.81	4.81	1.38	19.43	
		19	-	-	-	-	3.05	2.58	0.88	8.83	3.33	3.30	0.96	10.27	4.07	4.07	1.16	14.38	4.82	4.82	1.38	19.49	
		20	-	-	-	-	4.31	2.58	1.24	16.05	4.25	3.34	1.22	15.67	4.25	4.09	1.22	15.70	4.82	4.82	1.39	19.52	
	4	15	1.41	1.41	0.30	1.07	2.14	2.14	0.46	2.95	2.91	2.91	0.63	4.97	3.65	3.65	0.78	7.25	4.39	4.39	0.94	9.95	
		17	1.41	1.41	0.30	1.08	2.15	2.15	0.46	2.96	2.91	2.91	0.63	4.98	3.66	3.66	0.78	7.27	4.40	4.40	0.94	9.98	
		19	-	-	-	-	2.14	2.10	0.46	2.94	2.92	2.92	0.63	5.00	3.66	3.66	0.78	7.30	4.41	4.41	0.94	10.01	
		20	-	-	-	-	3.04	2.15	0.65	5.30	3.07	2.92	0.66	5.39	3.66	3.65	0.79	7.30	4.41	4.41	0.94	10.03	
	5	15	1.06	1.06	0.18	0.44	1.75	1.75	0.30	1.06	2.47	2.47	0.42	2.52	3.24	3.24	0.56	4.03	3.99	3.99	0.68	5.73	
		17	1.06	1.06	0.18	0.44	1.75	1.75	0.30	1.06	2.47	2.47	0.42	2.53	3.24	3.24	0.56	4.04	3.99	3.99	0.68	5.75	
		19	-	-	-	-	1.76	1.76	0.30	1.07	2.48	2.48	0.43	2.54	3.25	3.25	0.56	4.05	4.00	4.00	0.69	5.77	
		20	-	-	-	-	1.85	1.75	0.32	1.23	2.48	2.47	0.43	2.54	3.25	3.25	0.56	4.06	4.00	4.00	0.69	5.78	
	6	15	0.70	0.70	0.10	0.24	1.41	1.41	0.20	0.49	2.10	2.10	0.30	1.07	2.81	2.81	0.40	2.26	3.57	3.57	0.51	3.48	
		17	0.70	0.70	0.10	0.24	1.42	1.42	0.20	0.49	2.10	2.10	0.30	1.08	2.81	2.81	0.40	2.27	3.58	3.58	0.51	3.49	
		19	-	-	-	-	1.42	1.42	0.20	0.49	2.10	2.10	0.30	1.08	2.82	2.82	0.40	2.27	3.58	3.58	0.51	3.50	
		20	-	-	-	-	1.42	1.40	0.20	0.49	2.11	2.11	0.30	1.08	2.82	2.82	0.40	2.28	3.59	3.59	0.51	3.51	
15	3	15	1.06	1.06	0.30	1.08	1.81	1.81	0.52	3.54	2.57	2.57	0.73	6.43	3.32	3.32	0.95	9.97	4.06	4.06	1.16	14.10	
		17	1.06	1.06	0.30	1.08	1.81	1.81	0.52	3.55	2.58	2.58	0.73	6.45	3.32	3.32	0.95	10.00	4.06	4.06	1.16	14.15	
		19	-	-	-	-	1.82	1.82	0.52	3.56	2.58	2.58	0.74	6.47	3.33	3.33	0.95	10.03	4.07	4.07	1.16	14.19	
		20	-	-	-	-	2.04	1.82	0.58	4.35	2.58	2.55	0.74	6.46	3.33	3.33	0.95	10.05	4.08	4.08	1.17	14.44	
	4	15	-	-	-	-	1.41	1.41	0.30	1.10	2.15	2.15	0.46	2.90	2.91	2.91	0.62	4.86	3.66	3.66	0.78	7.17	
		17	0.71	0.71	0.15	0.36	1.41	1.41	0.30	1.10	2.15	2.15	0.46	2.91	2.92	2.92	0.63	4.87	3.66	3.66	0.79	7.19	
		19	-	-	-	-	1.41	1.41	0.30	1.11	2.16	2.16	0.46	2.92	2.92	2.92	0.63	4.89	3.67	3.67	0.79	7.22	
		20	-	-	-	-	1.41	1.39	0.30	1.10	2.16	2.16	0.46	2.93	2.93	2.93	0.63	4.90	3.67	3.67	0.79	7.23	
	5	15	0.36	0.36	0.06	0.14	1.07	1.07	0.18	0.43	1.76	1.76	0.30	1.13	2.49	2.49	0.43	2.57	3.25	3.25	0.56	4.03	
		17	0.36	0.36	0.06	0.14	1.07	1.07	0.18	0.43	1.76	1.76	0.30	1.13	2.50	2.50	0.43	2.58	3.26	3.26	0.56	4.05	
		19	-	-	-	-	1.07	1.07	0.19	0.43	1.76	1.76	0.30	1.14	2.50	2.50	0.43	2.58	3.27	3.27	0.56	4.06	
		20	-	-	-	-	1.08	1.08	0.19	0.43	1.77	1.77	0.30	1.14	2.51	2.51	0.43	2.59	3.27	3.27	0.56	4.07	
	6	15	-	-	-	-	0.71	0.71	0.10	0.23	1.43	1.43	0.20	0.47	2.10	2.10	0.30	1.13	2.83	2.83	0.41	2.31	
		17	-	-	-	-	0.71	0.71	0.10	0.23	1.43	1.43	0.21	0.47	2.11	2.11	0.30	1.14	2.84	2.84	0.41	2.32	
		19	-	-	-	-	0.71	0.71	0.10	0.23	1.43	1.43	0.21	0.47	2.11	2.11	0.30	1.14	2.84	2.84	0.41	2.33	
		20	-	-	-	-	0.71	0.71	0.10	0.23	1.43	1.43	0.21	0.47	2.11	2.11	0.30	1.14	2.84	2.84	0.41	2.33	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	7.05	5.61	2.02	43.17	6.99	6.47	2.00	42.48	7.34	7.33	2.12	46.89	8.18	8.18	2.34	55.97	9.02	9.02	2.61	67.45
		17	9.59	5.63	2.77	75.07	9.53	6.49	2.75	74.30	9.48	7.35	2.74	73.51	9.42	8.20	2.72	72.71	9.33	9.03	2.68	70.61
		19	-	-	-	-	12.25	6.50	3.55	116.02	12.18	7.36	3.53	114.81	12.11	8.21	3.51	113.68	12.05	9.05	3.49	112.53
		20	-	-	-	-	13.68	6.50	3.96	140.26	13.59	7.36	3.92	137.96	13.53	8.21	3.91	137.72	13.47	9.06	3.91	137.44
	4	15	5.97	5.13	1.29	19.73	6.06	6.01	1.31	20.22	6.84	6.84	1.47	24.75	7.70	7.70	1.65	30.32	8.54	8.54	1.83	36.32
		17	8.49	5.13	1.82	35.98	8.44	5.99	1.81	35.59	8.38	6.85	1.80	35.19	8.31	7.70	1.78	34.69	8.55	8.55	1.83	36.44
		19	-	-	-	-	11.17	6.01	2.41	58.71	11.11	6.87	2.40	58.11	11.05	7.73	2.39	57.52	10.98	8.57	2.37	56.94
		20	-	-	-	-	12.59	6.00	2.71	71.69	12.51	6.87	2.69	70.98	12.44	7.72	2.68	70.28	12.37	8.57	2.66	69.59
	5	15	4.86	4.63	0.83	9.32	5.51	5.50	0.94	11.54	6.38	6.38	1.10	14.96	7.23	7.23	1.25	18.55	8.06	8.06	1.38	22.23
		17	7.41	4.65	1.28	19.34	7.36	5.52	1.27	19.11	7.29	6.38	1.26	18.81	7.36	7.24	1.27	19.15	8.07	8.07	1.39	22.29
		19	-	-	-	-	10.06	5.53	1.74	32.90	10.00	6.39	1.72	32.56	9.94	7.24	1.71	32.22	9.88	8.09	1.70	31.87
		20	-	-	-	-	11.48	5.52	1.97	41.05	11.42	6.39	1.97	40.85	11.37	7.25	1.96	40.66	11.30	8.10	1.95	40.25
	6	15	4.12	4.11	0.59	5.16	5.02	5.02	0.72	7.20	5.89	5.89	0.84	9.46	6.75	6.75	0.97	11.99	7.60	7.60	1.09	14.69
		17	6.23	4.16	0.89	10.42	6.17	5.03	0.88	10.24	6.18	5.90	0.89	10.27	6.76	6.75	0.97	12.01	7.61	7.61	1.09	14.73
		19	-	-	-	-	8.91	5.04	1.27	19.18	8.85	5.90	1.27	18.97	8.79	6.76	1.26	18.74	8.71	7.61	1.25	18.47
		20	-	-	-	-	10.35	5.04	1.48	24.85	10.28	5.91	1.47	24.59	10.22	6.77	1.46	24.33	10.16	7.62	1.45	24.07
7	3	15	5.10	4.75	1.46	24.34	5.63	5.62	1.63	29.23	6.48	6.48	1.87	37.41	7.32	7.32	2.10	45.74	8.17	8.17	2.35	55.38
		17	7.63	4.75	2.19	49.20	7.59	5.62	2.18	48.67	7.52	6.48	2.16	47.92	7.50	7.33	2.15	47.68	8.18	8.18	2.35	55.54
		19	-	-	-	-	10.32	5.64	3.00	84.85	10.26	6.50	2.98	83.95	10.20	7.35	2.96	83.09	10.14	8.20	2.94	82.24
		20	-	-	-	-	11.74	5.63	3.39	105.29	11.67	6.49	3.37	104.20	11.60	7.35	3.35	103.10	11.54	8.20	3.33	102.35
	4	15	4.28	4.27	0.92	10.94	5.14	5.14	1.11	15.09	6.00	6.00	1.29	19.48	6.85	6.85	1.47	24.52	7.70	7.70	1.67	30.36
		17	6.50	4.27	1.40	22.39	6.44	5.14	1.39	22.04	6.40	6.00	1.38	21.79	6.86	6.85	1.48	24.57	7.72	7.72	1.67	30.44
		19	-	-	-	-	9.19	5.15	1.99	41.25	9.13	6.02	1.98	40.79	9.05	6.86	1.95	39.79	8.98	7.71	1.93	39.23
		20	-	-	-	-	10.62	5.15	2.30	53.18	10.56	6.02	2.29	52.62	10.49	6.88	2.27	52.06	10.43	7.73	2.26	51.51
	5	15	3.77	3.77	0.65	5.98	4.65	4.65	0.80	8.55	5.52	5.52	0.95	11.45	6.38	6.38	1.10	14.69	7.22	7.22	1.24	18.18
		17	5.31	3.78	0.91	10.70	5.26	4.65	0.90	10.52	5.56	5.54	0.96	11.58	6.39	6.39	1.10	14.73	7.24	7.24	1.24	18.23
		19	-	-	-	-	8.00	4.66	1.38	21.67	7.94	5.53	1.37	21.42	7.92	6.67	1.43	23.20	7.82	7.24	1.35	20.86
		20	-	-	-	-	9.46	4.68	1.63	29.21	9.40	5.55	1.62	28.89	9.34	6.41	1.61	28.57	9.28	7.26	1.60	28.25
	6	15	3.26	3.26	0.47	3.33	4.15	4.15	0.60	5.14	5.04	5.04	0.72	7.13	5.90	5.90	0.85	9.35	6.76	6.76	0.97	11.78
		17	3.99	3.27	0.57	4.80	4.23	4.17	0.61	5.30	5.04	5.04	0.72	7.15	5.91	5.91	0.85	9.37	6.77	6.77	0.97	11.82
		19	-	-	-	-	6.78	4.19	0.97	11.86	6.72	5.05	0.96	11.67	6.67	5.92	0.96	11.51	6.89	6.78	0.99	12.19
		20	-	-	-	-	8.23	4.19	1.18	16.56	8.17	5.06	1.17	16.36	8.11	5.92	1.16	16.15	8.04	6.78	1.15	15.90
9	3	15	3.89	3.89	1.12	15.05	4.75	4.75	1.36	21.25	5.62	5.62	1.63	28.83	6.47	6.47	1.86	36.33	7.32	7.32	2.12	45.75
		17	5.59	3.89	1.62	28.51	5.53	4.77	1.60	27.96	5.66	5.64	1.64	29.15	6.48	6.48	1.86	36.43	7.34	7.34	2.13	45.88
		19	-	-	-	-	8.23	4.76	2.37	55.40	8.17	5.62	2.35	54.78	8.12	6.48	2.34	54.11	8.04	7.33	2.31	53.21
		20	-	-	-	-	9.69	4.77	2.81	74.92	9.63	5.64	2.80	74.10	9.57	6.50	2.78	73.32	9.51	7.35	2.76	72.55
	4	15	3.40	3.40	0.73	7.24	4.28	4.28	0.92	10.73	5.14	5.14	1.11	14.74	6.00	6.00	1.30	19.35	6.86	6.86	1.48	24.46
		17	4.33	3.40	0.93	10.96	4.41	4.29	0.95	11.31	5.15	5.15	1.11	14.78	6.01	6.01	1.30	19.40	6.87	6.87	1.49	24.53
		19	-	-	-	-	7.05	4.29	1.53	25.69	7.00	5.16	1.52	25.34	6.93	6.02	1.50	24.91	7.02	6.88	1.52	25.45
		20	-	-	-	-	8.46	4.28	1.82	34.97	8.41	5.15	1.81	34.57	8.35	6.02	1.80	34.17	8.28	6.87	1.78	33.66
	5	15	2.89	2.89	0.50	3.74	3.79	3.79	0.65	5.94	4.67	4.67	0.80	8.47	5.53	5.53	0.95	11.32	6.39	6.39	1.10	14.57
		17	3.07	2.90	0.53	4.15	3.79	3.78	0.65	5.95	4.68	4.68	0.80	8.49	5.54	5.54	0.95	11.36	6.40	6.40	1.10	14.60
		19	-	-	-	-	5.78	3.81	1.00	12.22	5.72	4.68	0.98	11.98	5.79	5.55	1.00	12.24	6.41	6.40	1.11	14.64
		20	-	-	-	-	7.23	3.81	1.25	17.96	7.18	4.68	1.24	17.74	7.11	5.55	1.22	17.45	7.06	6.40	1.22	17.25
	6	15	2.43	2.43	0.35	1.62	3.28	3.28	0.47	3.37	4.18	4.18	0.60	5.12	5.06	5.06	0.73	7.08	5.92	5.92	0.85	9.26
		17	2.44	2.42	0.35	1.63	3.29	3.29	0.47	3.38	4.19	4.19	0.60	5.14	5.07	5.07	0.73	7.10	5.93	5.93	0.85	9.28
		19	-	-	-	-	4.42	3.31	0.63	5.63	4.48	4.20	0.64	5.76	5.08	5.07	0.73	7.12	5.94	5.94	0.85	9.31
		20	-	-	-	-	5.93	3.33	0.85	9.28	5.86	4.20	0.84	9.11	5.82	5.07	0.83	8.99	6.08	5.95	0.87	9.70

(Continued)

NFD-V1000-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.01	3.01	0.86	9.42	3.89	3.89	1.11	14.74	4.75	4.75	1.36	20.72	5.62	5.62	1.61	27.82	6.46	6.46	1.85	35.62	
		17	3.33	3.01	0.95	11.18	3.89	3.88	1.11	14.76	4.76	4.76	1.36	20.78	5.62	5.62	1.61	27.91	6.48	6.48	1.86	35.72	
		19	-	-	-	-	6.01	3.89	1.72	31.18	5.95	4.76	1.70	30.58	5.93	5.63	1.69	30.40	6.48	6.47	1.86	35.80	
		20	-	-	-	-	7.45	3.89	2.13	45.33	7.39	4.76	2.11	44.77	7.33	5.63	2.10	44.14	7.26	6.48	2.08	43.38	
	4	15	2.52	2.52	0.54	4.25	3.41	3.41	0.73	7.11	4.28	4.28	0.92	10.51	5.15	5.15	1.10	14.42	6.00	6.00	1.29	18.79	
		17	2.51	2.49	0.54	4.24	3.42	3.42	0.73	7.13	4.29	4.29	0.92	10.54	5.15	5.15	1.10	14.46	6.01	6.01	1.29	18.84	
		19	-	-	-	-	4.71	3.41	1.01	12.38	4.70	4.29	1.01	12.32	5.17	5.16	1.11	14.51	6.02	6.02	1.29	18.90	
		20	-	-	-	-	6.17	3.42	1.32	19.73	6.11	4.29	1.31	19.41	6.05	5.16	1.30	19.06	6.17	6.03	1.32	19.74	
	5	15	2.04	2.04	0.35	1.70	2.92	2.92	0.50	3.76	3.81	3.81	0.66	5.91	4.68	4.68	0.81	8.40	5.54	5.54	0.95	11.21	
		17	2.05	2.05	0.35	1.71	2.93	2.93	0.50	3.77	3.82	3.82	0.66	5.92	4.69	4.69	0.81	8.42	5.55	5.55	0.96	11.24	
		19	-	-	-	-	3.37	2.93	0.58	4.79	3.85	3.84	0.66	6.00	4.70	4.70	0.81	8.44	5.56	5.56	0.96	11.27	
		20	-	-	-	-	4.84	2.95	0.83	8.88	4.78	3.82	0.82	8.69	4.92	4.71	0.85	9.12	5.56	5.55	0.96	11.28	
	6	15	1.66	1.66	0.24	0.67	2.45	2.45	0.35	1.71	3.32	3.32	0.48	3.40	4.20	4.20	0.60	5.04	5.07	5.07	0.72	6.96	
		17	1.67	1.67	0.24	0.67	2.45	2.45	0.35	1.72	3.32	3.32	0.48	3.41	4.20	4.20	0.60	5.06	5.08	5.08	0.73	6.98	
		19	-	-	-	-	2.47	2.46	0.35	1.75	3.33	3.33	0.48	3.42	4.21	4.21	0.60	5.07	5.09	5.09	0.73	7.00	
		20	-	-	-	-	3.33	2.43	0.48	3.43	3.51	3.34	0.50	3.74	4.21	4.20	0.60	5.08	5.09	5.09	0.73	7.01	
13	3	15	2.14	2.14	0.61	5.23	3.02	3.02	0.87	9.46	3.88	3.88	1.11	14.41	4.76	4.76	1.37	20.72	5.60	5.60	1.60	27.21	
		17	2.14	2.14	0.61	5.25	3.03	3.03	0.87	9.49	3.89	3.89	1.11	14.45	4.76	4.76	1.37	20.78	5.61	5.61	1.60	27.28	
		19	-	-	-	-	3.59	3.01	1.02	12.55	3.91	3.91	1.12	14.57	4.77	4.77	1.37	20.84	5.62	5.62	1.61	27.36	
		20	-	-	-	-	5.08	3.03	1.46	23.19	5.01	3.90	1.44	22.68	5.03	4.78	1.45	22.81	5.62	5.61	1.61	27.38	
	4	15	1.64	1.64	0.35	1.77	2.54	2.54	0.55	4.28	3.42	3.42	0.73	7.03	4.29	4.29	0.92	10.37	5.15	5.15	1.11	14.39	
		17	1.64	1.64	0.35	1.77	2.54	2.54	0.55	4.29	3.42	3.42	0.73	7.05	4.29	4.29	0.92	10.40	5.16	5.16	1.11	14.43	
		19	-	-	-	-	2.57	2.56	0.55	4.36	3.43	3.43	0.73	7.07	4.30	4.30	0.92	10.43	5.17	5.17	1.11	14.48	
		20	-	-	-	-	3.64	2.54	0.78	7.84	3.69	3.43	0.79	8.02	4.30	4.29	0.92	10.44	5.18	5.18	1.12	14.50	
	5	15	1.25	1.25	0.21	0.57	2.04	2.04	0.35	1.75	2.93	2.93	0.50	3.70	3.82	3.82	0.66	5.79	4.69	4.69	0.80	8.22	
		17	1.25	1.25	0.21	0.57	2.05	2.05	0.35	1.75	2.94	2.94	0.50	3.71	3.82	3.82	0.66	5.81	4.69	4.69	0.81	8.24	
		19	-	-	-	-	2.05	2.05	0.35	1.76	2.94	2.94	0.50	3.72	3.83	3.83	0.66	5.83	4.70	4.70	0.81	8.27	
		20	-	-	-	-	2.19	2.04	0.38	2.10	2.94	2.92	0.50	3.72	3.84	3.84	0.66	5.84	4.71	4.71	0.81	8.28	
	6	15	0.83	0.83	0.12	0.31	1.67	1.67	0.24	0.66	2.45	2.45	0.35	1.77	3.34	3.34	0.48	3.37	4.22	4.22	0.60	5.01	
		17	0.84	0.84	0.12	0.31	1.67	1.67	0.24	0.66	2.45	2.45	0.35	1.78	3.34	3.34	0.48	3.38	4.23	4.23	0.60	5.03	
		19	-	-	-	-	1.67	1.67	0.24	0.66	2.46	2.46	0.35	1.78	3.35	3.35	0.48	3.39	4.23	4.23	0.61	5.04	
		20	-	-	-	-	1.69	1.68	0.24	0.67	2.46	2.46	0.35	1.79	3.35	3.35	0.48	3.39	4.24	4.24	0.61	5.05	
15	3	15	1.23	1.23	0.35	1.78	2.14	2.14	0.61	5.09	3.02	3.02	0.86	9.20	3.90	3.90	1.12	14.47	4.75	4.75	1.37	20.42	
		17	1.23	1.23	0.35	1.79	2.14	2.14	0.61	5.11	3.02	3.02	0.86	9.23	3.90	3.90	1.12	14.51	4.76	4.76	1.37	20.48	
		19	-	-	-	-	2.14	2.14	0.61	5.13	3.03	3.03	0.86	9.26	3.91	3.91	1.12	14.55	4.77	4.77	1.37	20.54	
		20	-	-	-	-	2.46	2.14	0.70	6.49	3.02	3.00	0.86	9.24	3.91	3.91	1.12	14.58	4.77	4.77	1.37	20.57	
	4	15	0.84	0.84	0.18	0.46	1.64	1.64	0.35	1.81	2.54	2.54	0.55	4.20	3.43	3.43	0.73	6.97	4.30	4.30	0.93	10.39	
		17	0.84	0.84	0.18	0.46	1.65	1.65	0.35	1.82	2.55	2.55	0.55	4.21	3.43	3.43	0.74	6.99	4.31	4.31	0.93	10.42	
		19	-	-	-	-	1.65	1.65	0.35	1.83	2.55	2.55	0.55	4.22	3.44	3.44	0.74	7.01	4.31	4.31	0.93	10.45	
		20	-	-	-	-	1.64	1.62	0.35	1.81	2.56	2.56	0.55	4.23	3.44	3.44	0.74	7.02	4.32	4.32	0.93	10.47	
	5	15	0.43	0.43	0.07	0.18	1.27	1.27	0.22	0.56	2.06	2.06	0.35	1.86	2.96	2.96	0.51	3.73	3.84	3.84	0.66	5.80	
		17	0.43	0.43	0.07	0.18	1.27	1.27	0.22	0.56	2.06	2.06	0.36	1.87	2.96	2.96	0.51	3.74	3.84	3.84	0.66	5.81	
		19	-	-	-	-	1.27	1.27	0.22	0.56	2.07	2.07	0.36	1.88	2.97	2.97	0.51	3.75	3.85	3.85	0.66	5.83	
		20	-	-	-	-	1.27	1.27	0.22	0.57	2.07	2.07	0.36	1.88	2.97	2.97	0.51	3.75	3.85	3.85	0.66	5.84	
	6	15	-	-	-	-	0.85	0.85	0.12	0.30	1.68	1.68	0.24	0.68	2.47	2.47	0.35	1.87	3.36	3.36	0.48	3.38	
		17	-	-	-	-	0.85	0.85	0.12	0.30	1.68	1.68	0.24	0.68	2.47	2.47	0.35	1.87	3.37	3.37	0.48	3.39	
		19	-	-	-	-	0.85	0.85	0.12	0.30	1.68	1.68	0.24	0.68	2.47	2.47	0.36	1.88	3.37	3.37	0.48	3.40	
		20	-	-	-	-	0.85	0.85	0.12	0.30	1.68	1.68	0.24	0.68	2.48	2.48	0.36	1.89	3.38	3.38	0.48	3.41	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1200-2-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	8.69	6.86	2.51	76.79	8.62	7.90	2.49	75.67	8.93	8.92	2.56	79.53	9.96	9.96	2.86	96.41	10.99	10.99	3.19	116.38
		17	11.72	6.85	3.38	128.91	11.66	7.91	3.37	128.47	11.61	8.95	3.37	128.48	11.54	9.98	3.35	127.13	11.43	10.98	3.28	122.35
		19	-	-	-	-	14.93	7.91	4.31	197.80	14.85	8.95	4.28	195.92	14.77	9.98	4.26	194.07	14.69	11.00	4.24	192.23
		20	-	-	-	-	16.67	7.91	4.81	240.21	16.58	8.95	4.78	238.01	16.50	9.99	4.76	235.91	16.41	11.01	4.73	233.73
	4	15	7.40	6.28	1.59	34.43	7.51	7.34	1.61	35.32	8.37	8.37	1.80	42.67	9.40	9.40	2.02	52.42	10.43	10.43	2.25	63.23
		17	10.49	6.29	2.27	63.87	10.43	7.35	2.25	63.24	10.37	8.39	2.24	62.58	10.29	9.42	2.22	61.73	10.52	10.45	2.27	64.18
		19	-	-	-	-	13.71	7.35	2.97	102.38	13.63	8.39	2.95	101.37	13.56	9.43	2.94	100.39	13.48	10.45	2.92	99.43
		20	-	-	-	-	15.44	7.35	3.34	125.80	15.35	8.39	3.32	124.55	15.27	9.43	3.30	123.39	15.20	10.46	3.30	123.03
	5	15	6.18	5.72	1.06	17.20	6.79	6.79	1.17	20.22	7.81	7.81	1.34	25.58	8.86	8.86	1.53	32.01	9.88	9.88	1.70	38.68
		17	9.20	5.73	1.59	34.21	9.15	6.78	1.58	33.83	9.07	7.82	1.56	33.33	9.17	8.87	1.58	34.00	9.89	9.89	1.71	38.78
		19	-	-	-	-	12.41	6.78	2.14	57.43	12.34	7.83	2.13	56.86	12.26	8.86	2.11	56.00	12.19	9.89	2.09	55.40
		20	-	-	-	-	14.17	6.79	2.45	72.68	14.09	7.84	2.43	71.97	14.01	8.88	2.42	71.28	13.94	9.91	2.41	70.60
	6	15	5.22	5.15	0.75	9.37	6.22	6.22	0.89	12.65	7.27	7.27	1.04	16.52	8.29	8.29	1.19	20.60	9.32	9.32	1.33	25.20
		17	7.84	5.15	1.12	18.70	7.77	6.20	1.11	18.40	7.80	7.26	1.12	18.54	8.34	8.31	1.19	20.82	9.33	9.33	1.34	25.26
		19	-	-	-	-	11.10	6.23	1.59	34.34	11.04	7.27	1.59	33.99	10.97	8.31	1.58	33.62	10.89	9.34	1.56	33.16
		20	-	-	-	-	12.84	6.23	1.85	44.22	12.77	7.28	1.83	43.77	12.70	8.32	1.82	43.34	12.62	9.35	1.81	42.91
7	3	15	6.32	5.80	1.82	42.95	6.86	6.85	1.99	50.28	7.89	7.89	2.27	63.46	8.92	8.92	2.57	78.79	9.96	9.96	2.89	96.90
		17	9.41	5.82	2.73	87.63	9.35	6.87	2.71	86.65	9.28	7.91	2.69	85.54	9.26	8.95	2.69	85.19	9.97	9.97	2.90	97.15
		19	-	-	-	-	12.61	6.86	3.65	145.84	12.54	7.91	3.64	144.80	12.47	8.95	3.61	142.98	12.39	9.97	3.59	141.44
		20	-	-	-	-	14.37	6.88	4.19	185.95	14.29	7.92	4.17	184.17	14.21	8.96	4.15	182.43	14.14	9.99	4.12	180.73
	4	15	5.33	5.25	1.15	19.27	6.30	6.30	1.36	25.77	7.35	7.35	1.59	34.00	8.38	8.38	1.81	42.73	9.41	9.41	2.04	52.25
		17	8.06	5.24	1.74	39.52	7.99	6.29	1.72	38.95	7.95	7.34	1.71	38.59	8.42	8.40	1.82	43.06	9.42	9.42	2.04	52.38
		19	-	-	-	-	11.30	6.31	2.45	71.88	11.23	7.35	2.43	71.11	11.16	8.39	2.42	70.35	11.08	9.42	2.40	69.47
		20	-	-	-	-	13.05	6.31	2.83	92.96	12.98	7.36	2.82	92.05	12.90	8.40	2.80	91.14	12.83	9.44	2.79	90.23
	5	15	4.68	4.67	0.80	10.48	5.74	5.74	0.99	14.90	6.79	6.79	1.17	19.83	7.82	7.82	1.35	25.36	8.86	8.86	1.53	31.69
		17	6.68	4.67	1.15	19.29	6.62	5.73	1.14	19.00	6.95	6.80	1.20	20.65	7.84	7.84	1.35	25.42	8.87	8.87	1.53	31.78
		19	-	-	-	-	9.93	5.74	1.71	38.30	9.86	6.79	1.70	37.88	9.83	8.60	1.74	50.30	9.73	8.86	1.68	37.02
		20	-	-	-	-	11.68	5.75	2.02	51.13	11.62	6.81	2.01	50.82	11.55	7.85	2.00	50.28	11.48	8.88	1.99	49.73
	6	15	4.10	4.10	0.59	6.09	5.18	5.18	0.74	9.07	6.23	6.23	0.89	12.46	7.28	7.28	1.04	16.27	8.31	8.31	1.19	20.50
		17	5.21	4.10	0.75	9.17	5.46	5.18	0.78	9.93	6.24	6.24	0.89	12.50	7.29	7.29	1.05	16.31	8.32	8.32	1.20	20.55
		19	-	-	-	-	8.53	5.19	1.23	21.44	8.46	6.24	1.22	21.14	8.40	7.28	1.21	20.88	8.66	8.33	1.24	22.00
		20	-	-	-	-	10.26	5.19	1.47	29.41	10.19	6.24	1.46	29.06	10.12	7.28	1.45	28.73	10.04	8.32	1.44	28.30
9	3	15	4.76	4.76	1.37	25.88	5.81	5.81	1.67	36.61	6.86	6.86	1.99	49.61	7.89	7.89	2.28	62.79	8.91	8.91	2.57	77.61
		17	6.91	4.76	2.00	50.13	6.83	5.82	1.98	49.18	6.99	6.88	2.02	51.15	7.90	7.90	2.28	62.81	8.92	8.92	2.57	77.82
		19	-	-	-	-	10.11	5.81	2.92	97.00	10.05	6.86	2.90	95.99	9.98	7.90	2.88	94.80	9.91	8.94	2.87	94.30
		20	-	-	-	-	11.85	5.82	3.44	129.29	11.80	6.88	3.44	129.16	11.74	7.92	3.42	128.41	11.67	8.95	3.40	127.03
	4	15	4.20	4.20	0.90	12.64	5.26	5.26	1.14	18.72	6.31	6.31	1.37	25.75	7.34	7.34	1.58	33.15	8.38	8.38	1.82	42.17
		17	5.46	4.19	1.18	19.94	5.56	5.27	1.20	20.56	6.32	6.31	1.37	25.80	7.35	7.35	1.58	33.23	8.39	8.39	1.82	42.28
		19	-	-	-	-	8.74	5.27	1.89	45.34	8.68	6.32	1.88	44.80	8.60	7.36	1.86	44.07	8.71	8.41	1.89	45.08
		20	-	-	-	-	10.44	5.26	2.25	61.40	10.38	6.31	2.24	60.70	10.31	7.35	2.22	60.03	10.23	8.39	2.21	59.20
	5	15	3.63	3.63	0.62	6.68	4.70	4.70	0.81	10.41	5.76	5.76	0.99	14.81	6.80	6.80	1.17	19.62	7.83	7.83	1.35	25.06
		17	4.03	3.62	0.69	8.00	4.73	4.72	0.81	10.51	5.77	5.77	1.00	14.84	6.81	6.81	1.17	19.67	7.84	7.84	1.35	25.12
		19	-	-	-	-	7.26	4.70	1.25	21.99	7.19	5.75	1.24	21.58	7.28	6.81	1.25	22.10	7.89	7.86	1.36	25.37
		20	-	-	-	-	9.00	4.70	1.55	31.90	8.94	5.76	1.54	31.52	8.86	6.80	1.53	31.05	8.82	7.84	1.52	30.75
	6	15	3.03	3.03	0.43	3.45	4.13	4.13	0.59	6.08	5.20	5.20	0.75	9.01	6.25	6.25	0.90	12.35	7.29	7.29	1.05	16.07
		17	3.05	3.04	0.44	3.52	4.13	4.13	0.59	6.10	5.21	5.21	0.75	9.03	6.26	6.26	0.90	12.38	7.30	7.30	1.05	16.12
		19	-	-	-	-	5.71	4.13	0.82	10.55	5.79	5.20	0.83	10.81	6.37	6.27	0.91	12.76	7.31	7.31	1.05	16.16
		20	-	-	-	-	7.50	4.14	1.08	16.88	7.42	5.20	1.07	16.58	7.38	6.25	1.06	16.40	7.68	7.31	1.10	17.57

(Continued)

NFD-V1200-2-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.70	3.70	1.06	16.34	4.76	4.76	1.36	25.27	5.81	5.81	1.67	35.96	6.85	6.85	1.96	47.58	7.88	7.88	2.25	60.87	
		17	4.19	3.70	1.20	20.21	4.77	4.76	1.36	25.35	5.82	5.82	1.67	36.05	6.86	6.86	1.96	47.71	7.89	7.89	2.26	61.02	
		19	-	-	-	-	7.43	4.76	2.13	55.00	7.39	5.82	2.13	55.01	7.36	6.87	2.12	54.72	7.90	7.89	2.26	61.20	
		20	-	-	-	-	9.17	4.76	2.63	79.55	9.11	5.82	2.61	78.64	9.04	6.86	2.59	77.60	8.95	7.90	2.57	76.29	
	4	15	3.14	3.14	0.67	7.51	4.21	4.21	0.90	12.40	5.26	5.26	1.13	18.20	6.31	6.31	1.35	24.90	7.35	7.35	1.58	32.61	
		17	3.18	3.16	0.68	7.67	4.22	4.22	0.90	12.43	5.27	5.27	1.13	18.25	6.32	6.32	1.35	24.97	7.36	7.36	1.58	32.69	
		19	-	-	-	-	5.91	4.20	1.27	22.23	5.90	5.26	1.26	22.18	6.39	6.33	1.37	25.49	7.37	7.37	1.58	32.79	
		20	-	-	-	-	7.71	4.22	1.66	35.65	7.65	5.28	1.65	35.12	7.57	6.32	1.63	34.48	7.71	7.38	1.66	35.67	
	5	15	2.55	2.55	0.44	3.58	3.65	3.65	0.63	6.67	4.72	4.72	0.81	10.34	5.76	5.76	0.99	14.44	6.81	6.81	1.17	19.42	
		17	2.56	2.56	0.44	3.59	3.66	3.66	0.63	6.69	4.73	4.73	0.81	10.37	5.77	5.77	0.99	14.48	6.82	6.82	1.18	19.47	
		19	-	-	-	-	4.38	3.65	0.75	9.08	4.87	4.74	0.84	10.91	5.78	5.77	0.99	14.51	6.83	6.83	1.18	19.53	
		20	-	-	-	-	6.14	3.66	1.06	16.23	6.07	4.72	1.05	15.89	6.24	5.79	1.07	16.66	6.88	6.85	1.19	19.76	
	6	15	2.06	2.06	0.30	1.30	3.06	3.06	0.44	3.57	4.15	4.15	0.59	6.00	5.21	5.21	0.75	8.87	6.26	6.26	0.90	12.13	
		17	2.06	2.06	0.30	1.31	3.07	3.07	0.44	3.58	4.15	4.15	0.59	6.02	5.22	5.22	0.75	8.89	6.27	6.27	0.90	12.17	
		19	-	-	-	-	3.17	3.08	0.46	3.82	4.16	4.15	0.59	6.03	5.23	5.23	0.75	8.92	6.28	6.28	0.90	12.20	
		20	-	-	-	-	4.40	3.07	0.63	6.64	4.61	4.16	0.66	7.17	5.31	5.24	0.76	9.15	6.29	6.28	0.90	12.22	
13	3	15	2.65	2.65	0.76	9.17	3.72	3.72	1.07	16.42	4.77	4.77	1.37	25.30	5.81	5.81	1.66	35.22	6.85	6.85	1.97	47.62	
		17	2.65	2.65	0.76	9.19	3.72	3.72	1.07	16.46	4.78	4.78	1.37	25.36	5.82	5.82	1.66	35.31	6.86	6.86	1.98	47.75	
		19	-	-	-	-	4.54	3.71	1.30	23.18	4.87	4.80	1.40	26.24	5.82	5.82	1.67	35.41	6.87	6.87	1.98	47.88	
		20	-	-	-	-	6.30	3.71	1.81	40.82	6.21	4.77	1.78	39.64	6.24	5.83	1.79	40.03	6.88	6.87	1.98	47.97	
	4	15	2.06	2.06	0.44	3.64	3.15	3.15	0.67	7.43	4.22	4.22	0.90	12.25	5.28	5.28	1.14	18.20	6.31	6.31	1.36	24.83	
		17	2.06	2.06	0.44	3.65	3.15	3.15	0.68	7.45	4.22	4.22	0.90	12.28	5.28	5.28	1.14	18.24	6.32	6.32	1.36	24.90	
		19	-	-	-	-	3.28	3.17	0.70	7.98	4.23	4.22	0.91	12.31	5.29	5.29	1.14	18.30	6.33	6.33	1.37	24.97	
		20	-	-	-	-	4.67	3.16	1.01	14.76	4.73	4.23	1.02	15.04	5.34	5.30	1.15	18.61	6.34	6.34	1.37	25.01	
	5	15	1.56	1.56	0.27	1.02	2.57	2.57	0.44	3.58	3.66	3.66	0.63	6.55	4.73	4.73	0.81	10.13	5.78	5.78	1.00	14.44	
		17	1.56	1.56	0.27	1.03	2.57	2.57	0.44	3.59	3.67	3.67	0.63	6.57	4.73	4.73	0.81	10.16	5.79	5.79	1.00	14.48	
		19	-	-	-	-	2.57	2.56	0.44	3.59	3.67	3.67	0.63	6.59	4.74	4.74	0.81	10.18	5.80	5.80	1.00	14.52	
		20	-	-	-	-	2.98	2.57	0.51	4.61	3.74	3.69	0.64	6.78	4.74	4.74	0.81	10.20	5.81	5.81	1.00	14.54	
	6	15	1.06	1.06	0.15	0.48	2.06	2.06	0.29	1.34	3.08	3.08	0.44	3.57	4.17	4.17	0.60	5.98	5.23	5.23	0.75	8.79	
		17	1.07	1.07	0.15	0.48	2.06	2.06	0.29	1.34	3.09	3.09	0.44	3.58	4.18	4.18	0.60	5.99	5.24	5.24	0.75	8.82	
		19	-	-	-	-	2.06	2.06	0.30	1.35	3.09	3.09	0.44	3.59	4.19	4.19	0.60	6.01	5.25	5.25	0.75	8.84	
		20	-	-	-	-	2.10	2.07	0.30	1.42	3.10	3.09	0.44	3.60	4.19	4.19	0.60	6.02	5.25	5.25	0.75	8.86	
15	3	15	1.55	1.55	0.44	3.60	2.65	2.65	0.76	8.93	3.72	3.72	1.07	16.23	4.76	4.76	1.36	24.55	5.80	5.80	1.66	34.69	
		17	1.56	1.56	0.44	3.61	2.65	2.65	0.76	8.95	3.73	3.73	1.07	16.27	4.76	4.76	1.36	24.61	5.81	5.81	1.66	34.78	
		19	-	-	-	-	2.65	2.64	0.76	8.96	3.73	3.73	1.07	16.32	4.77	4.77	1.36	24.68	5.82	5.82	1.66	34.87	
		20	-	-	-	-	3.15	2.64	0.90	12.04	3.76	3.75	1.08	16.53	4.78	4.78	1.36	24.72	5.82	5.82	1.66	34.93	
	4	15	1.06	1.06	0.23	0.73	2.07	2.07	0.44	3.60	3.16	3.16	0.68	7.39	4.23	4.23	0.91	12.29	5.27	5.27	1.13	17.75	
		17	1.06	1.06	0.23	0.73	2.08	2.08	0.45	3.61	3.17	3.17	0.68	7.41	4.24	4.24	0.91	12.32	5.28	5.28	1.13	17.80	
		19	-	-	-	-	2.08	2.08	0.45	3.63	3.17	3.17	0.68	7.43	4.25	4.25	0.92	12.36	5.28	5.28	1.13	17.85	
		20	-	-	-	-	2.09	2.08	0.45	3.66	3.18	3.18	0.68	7.44	4.25	4.25	0.92	12.37	5.29	5.29	1.13	17.87	
	5	15	0.55	0.55	0.09	0.29	1.57	1.57	0.27	1.09	2.60	2.60	0.45	3.64	3.68	3.68	0.64	6.58	4.74	4.74	0.82	10.12	
		17	0.55	0.55	0.09	0.29	1.57	1.57	0.27	1.09	2.60	2.60	0.45	3.65	3.69	3.69	0.64	6.59	4.75	4.75	0.82	10.15	
		19	-	-	-	-	1.57	1.57	0.27	1.10	2.61	2.61	0.45	3.66	3.70	3.70	0.64	6.61	4.76	4.76	0.82	10.18	
		20	-	-	-	-	1.57	1.57	0.27	1.10	2.61	2.61	0.45	3.66	3.70	3.70	0.64	6.62	4.76	4.76	0.82	10.19	
	6	15	-	-	-	-	1.08	1.08	0.15	0.46	2.06	2.06	0.30	1.42	3.12	3.12	0.45	3.61	4.20	4.20	0.60	5.98	
		17	-	-	-	-	1.08	1.08	0.15	0.47	2.07	2.07	0.30	1.42	3.12	3.12	0.45	3.62	4.20	4.20	0.60	6.00	
		19	-	-	-	-	1.08	1.08	0.16	0.47	2.07	2.07	0.30	1.43	3.13	3.13	0.45	3.63	4.21	4.21	0.60	6.02	
		20	-	-	-	-	1.08	1.08	0.16	0.47	2.07	2.07	0.30	1.43	3.13	3.13	0.45	3.64	4.21	4.21	0.61	6.03	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

Heating Capacity Table (2-row duct)

NFD-V200-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.05	0.22	2.06	1.78	0.19	1.62	1.50	0.16	1.22	1.24	0.13	0.85
	10	1.76	0.15	1.10	1.49	0.13	0.77	1.24	0.11	0.47	0.99	0.09	0.27
	12	1.49	0.11	0.47	1.24	0.09	0.29	0.99	0.07	0.21	0.74	0.05	0.16
	14	1.24	0.08	0.23	0.99	0.06	0.19	0.74	0.05	0.14	0.49	0.03	0.09
	16	0.99	0.05	0.17	0.74	0.04	0.13	0.49	0.03	0.08	0.24	0.01	0.04
45	8	2.72	0.29	3.25	2.45	0.26	2.72	2.18	0.24	2.22	1.91	0.21	1.78
	10	2.45	0.21	1.86	2.17	0.19	1.52	1.90	0.16	1.22	1.63	0.14	0.94
	12	2.16	0.16	1.12	1.89	0.14	0.88	1.62	0.12	0.62	1.36	0.10	0.39
	14	1.87	0.12	0.60	1.62	0.10	0.40	1.37	0.08	0.26	1.12	0.07	0.19
	16	1.63	0.09	0.29	1.38	0.07	0.21	1.12	0.06	0.17	0.87	0.05	0.13
50	8	3.39	0.37	4.64	3.11	0.34	4.01	2.84	0.31	3.43	2.57	0.28	2.88
	10	3.12	0.27	2.77	2.85	0.25	2.36	2.57	0.22	1.99	2.30	0.20	1.65
	12	2.85	0.20	1.73	2.57	0.18	1.46	2.30	0.17	1.21	2.03	0.15	0.98
	14	2.56	0.16	1.13	2.29	0.14	0.93	2.01	0.12	0.73	1.75	0.11	0.53
	16	2.28	0.12	0.71	2.01	0.11	0.53	1.75	0.09	0.37	1.50	0.08	0.25
55	8	4.06	0.44	6.21	3.78	0.41	5.49	3.51	0.38	4.82	3.23	0.35	4.19
	10	3.79	0.33	3.79	3.52	0.30	3.32	3.24	0.28	2.89	2.97	0.26	2.48
	12	3.52	0.25	2.44	3.24	0.23	2.12	2.97	0.21	1.82	2.70	0.19	1.55
	14	3.25	0.20	1.65	2.97	0.18	1.42	2.70	0.17	1.20	2.43	0.15	1.00
	16	2.97	0.16	1.13	2.69	0.15	0.96	2.42	0.13	0.80	2.14	0.12	0.63
60	8	4.73	0.51	8.00	4.45	0.48	7.18	4.17	0.45	6.42	3.89	0.42	5.70
	10	4.46	0.38	4.90	4.18	0.36	4.38	3.90	0.34	3.89	3.63	0.31	3.43
	12	4.19	0.30	3.23	3.91	0.28	2.86	3.64	0.26	2.53	3.37	0.24	2.21
	14	3.93	0.24	2.22	3.65	0.22	1.96	3.37	0.21	1.71	3.10	0.19	1.48
	16	3.65	0.20	1.57	3.37	0.18	1.37	3.10	0.17	1.19	2.83	0.15	1.01

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V300-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.88	0.31	4.37	2.51	0.27	3.45	2.14	0.23	2.63	1.77	0.19	1.91
	10	2.51	0.22	2.38	2.13	0.18	1.81	1.76	0.15	1.30	1.40	0.12	0.78
	12	2.12	0.15	1.32	1.75	0.13	0.85	1.41	0.10	0.47	1.06	0.08	0.27
	14	1.76	0.11	0.56	1.42	0.09	0.34	1.06	0.07	0.24	0.71	0.04	0.16
	16	1.42	0.08	0.29	1.07	0.06	0.22	0.71	0.04	0.15	0.36	0.02	0.07
45	8	3.80	0.41	6.88	3.42	0.37	5.75	3.05	0.33	4.72	2.68	0.29	3.78
	10	3.44	0.30	3.96	3.06	0.26	3.25	2.69	0.23	2.61	2.32	0.20	2.03
	12	3.07	0.22	2.42	2.69	0.19	1.94	2.32	0.17	1.50	1.94	0.14	1.11
	14	2.69	0.17	1.49	2.31	0.14	1.14	1.94	0.12	0.77	1.59	0.10	0.45
	16	2.30	0.12	0.84	1.95	0.11	0.54	1.60	0.09	0.33	1.25	0.07	0.23
50	8	4.71	0.51	9.80	4.34	0.47	8.47	3.96	0.43	7.24	3.59	0.39	6.10
	10	4.36	0.38	5.86	3.98	0.34	5.01	3.60	0.31	4.22	3.24	0.28	3.50
	12	3.99	0.29	3.69	3.62	0.26	3.11	3.24	0.23	2.58	2.87	0.21	2.10
	14	3.63	0.22	2.42	3.25	0.20	2.01	2.88	0.18	1.63	2.50	0.15	1.29
	16	3.25	0.18	1.62	2.87	0.16	1.31	2.50	0.13	1.02	2.12	0.11	0.72
55	8	5.63	0.61	13.09	5.25	0.57	11.58	4.87	0.53	10.16	4.50	0.48	8.84
	10	5.28	0.46	8.00	4.90	0.42	7.02	4.52	0.39	6.11	4.15	0.36	5.26
	12	4.92	0.35	5.16	4.54	0.33	4.49	4.16	0.30	3.87	3.79	0.27	3.29
	14	4.56	0.28	3.51	4.18	0.26	3.02	3.80	0.23	2.57	3.43	0.21	2.15
	16	4.19	0.23	2.42	3.81	0.21	2.06	3.43	0.19	1.72	3.06	0.16	1.42
60	8	6.55	0.71	16.86	6.17	0.67	15.15	5.78	0.62	13.47	5.40	0.58	11.96
	10	6.20	0.53	10.34	5.81	0.50	9.24	5.43	0.47	8.21	5.05	0.44	7.24
	12	5.84	0.42	6.84	5.46	0.39	6.08	5.08	0.37	5.36	4.70	0.34	4.69
	14	5.48	0.34	4.70	5.10	0.31	4.15	4.72	0.29	3.63	4.35	0.27	3.15
	16	5.13	0.28	3.35	4.74	0.26	2.92	4.36	0.24	2.53	3.98	0.21	2.17

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	3.33	0.36	6.51	2.91	0.31	5.14	2.48	0.27	3.93	2.06	0.22	2.85
	10	2.91	0.25	3.54	2.47	0.21	2.70	2.05	0.18	1.95	1.61	0.14	1.27
	12	2.47	0.18	1.99	2.03	0.15	1.39	1.61	0.12	0.80	1.23	0.09	0.40
	14	2.01	0.12	0.93	1.63	0.10	0.52	1.23	0.08	0.32	0.83	0.05	0.22
	16	1.64	0.09	0.40	1.24	0.07	0.29	0.83	0.04	0.20	0.42	0.02	0.10
45	8	4.39	0.47	10.25	3.96	0.43	8.58	3.54	0.38	7.05	3.12	0.34	5.66
	10	3.98	0.34	5.91	3.55	0.31	4.86	3.12	0.27	3.90	2.70	0.23	3.04
	12	3.56	0.26	3.60	3.13	0.23	2.89	2.70	0.19	2.25	2.27	0.16	1.68
	14	3.12	0.19	2.23	2.68	0.17	1.73	2.25	0.14	1.25	1.83	0.11	0.77
	16	2.67	0.14	1.35	2.24	0.12	0.91	1.84	0.10	0.54	1.45	0.08	0.32
50	8	5.46	0.59	14.62	5.02	0.54	12.66	4.59	0.50	10.83	4.17	0.45	9.15
	10	5.05	0.44	8.75	4.62	0.40	7.49	4.19	0.36	6.33	3.76	0.33	5.26
	12	4.63	0.33	5.51	4.20	0.30	4.66	3.77	0.27	3.87	3.35	0.24	3.15
	14	4.21	0.26	3.62	3.78	0.23	3.00	3.35	0.21	2.44	2.92	0.18	1.93
	16	3.79	0.20	2.42	3.35	0.18	1.97	2.91	0.16	1.55	2.47	0.13	1.17
55	8	6.52	0.70	19.68	6.08	0.66	17.42	5.65	0.61	15.31	5.21	0.56	13.25
	10	6.12	0.53	11.96	5.68	0.49	10.51	5.25	0.45	9.16	4.82	0.42	7.90
	12	5.70	0.41	7.72	5.27	0.38	6.73	4.84	0.35	5.81	4.41	0.32	4.95
	14	5.29	0.33	5.25	4.86	0.30	4.53	4.43	0.27	3.86	4.00	0.25	3.24
	16	4.87	0.26	3.63	4.44	0.24	3.09	4.00	0.22	2.59	3.57	0.19	2.13
60	8	7.58	0.82	25.09	7.14	0.77	22.58	6.70	0.72	20.20	6.27	0.68	18.00
	10	7.18	0.62	15.54	6.74	0.58	13.91	6.30	0.54	12.32	5.87	0.51	10.88
	12	6.77	0.49	10.25	6.34	0.46	9.12	5.89	0.42	8.06	5.47	0.39	7.06
	14	6.36	0.39	7.05	5.93	0.37	6.23	5.49	0.34	5.46	5.06	0.31	4.74
	16	5.96	0.32	5.02	5.52	0.30	4.41	5.09	0.27	3.83	4.65	0.25	3.28

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

NFD-V500-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	3.92	0.42	8.65	3.42	0.37	6.81	2.92	0.32	5.21	2.43	0.26	3.80
	10	3.43	0.30	4.71	2.94	0.25	3.60	2.44	0.21	2.63	1.94	0.17	1.78
	12	2.94	0.21	2.68	2.43	0.18	1.94	1.93	0.14	1.25	1.46	0.10	0.60
	14	2.41	0.15	1.44	1.93	0.12	0.82	1.47	0.09	0.42	0.99	0.06	0.26
	16	1.95	0.11	0.59	1.48	0.08	0.35	1.00	0.05	0.24	0.51	0.03	0.12
45	8	5.15	0.55	13.50	4.64	0.50	11.30	4.15	0.45	9.29	3.66	0.39	7.46
	10	4.67	0.40	7.81	4.17	0.36	6.42	3.68	0.32	5.16	3.18	0.27	4.03
	12	4.20	0.30	4.78	3.69	0.27	3.85	3.20	0.23	3.00	2.70	0.19	2.25
	14	3.70	0.23	2.98	3.20	0.20	2.32	2.69	0.17	1.73	2.18	0.13	1.18
	16	3.20	0.17	1.87	2.68	0.14	1.37	2.19	0.12	0.85	1.73	0.09	0.45
50	8	6.37	0.69	19.22	5.87	0.63	16.64	5.37	0.58	14.24	4.87	0.53	12.02
	10	5.91	0.51	11.51	5.41	0.47	9.86	4.91	0.42	8.33	4.41	0.38	6.93
	12	5.44	0.39	7.27	4.93	0.35	6.15	4.43	0.32	5.11	3.94	0.28	4.17
	14	4.96	0.31	4.79	4.45	0.27	3.98	3.95	0.24	3.25	3.45	0.21	2.58
	16	4.47	0.24	3.22	3.97	0.21	2.63	3.46	0.19	2.08	2.96	0.16	1.60
55	8	7.60	0.82	25.71	7.10	0.77	22.84	6.59	0.71	20.09	6.09	0.66	17.49
	10	7.14	0.62	15.65	6.63	0.57	13.75	6.13	0.53	12.03	5.63	0.49	10.37
	12	6.67	0.48	10.17	6.17	0.44	8.86	5.66	0.41	7.64	5.16	0.37	6.51
	14	6.21	0.38	6.92	5.70	0.35	5.97	5.20	0.32	5.09	4.70	0.29	4.28
	16	5.73	0.31	4.79	5.22	0.28	4.09	4.71	0.25	3.43	4.21	0.23	2.83
60	8	8.84	0.95	33.10	8.33	0.90	29.71	7.82	0.84	26.50	7.31	0.79	23.56
	10	8.38	0.72	20.41	7.86	0.68	18.26	7.36	0.64	16.24	6.85	0.59	14.34
	12	7.92	0.57	13.47	7.41	0.53	11.98	6.90	0.50	10.59	6.39	0.46	9.28
	14	7.45	0.46	9.27	6.94	0.43	8.19	6.43	0.40	7.18	5.93	0.37	6.23
	16	6.98	0.38	6.62	6.47	0.35	5.80	5.96	0.32	5.04	5.46	0.29	4.33

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	5.08	0.55	5.81	4.43	0.48	4.59	3.79	0.41	3.50	3.14	0.34	2.55
	10	4.45	0.38	3.17	3.79	0.33	2.42	3.13	0.27	1.76	2.49	0.21	1.16
	12	3.79	0.27	1.80	3.13	0.23	1.28	2.49	0.18	0.74	1.89	0.14	0.36
	14	3.12	0.19	0.87	2.51	0.15	0.49	1.90	0.12	0.29	1.28	0.08	0.19
	16	2.54	0.14	0.37	1.91	0.10	0.26	1.28	0.07	0.18	0.65	0.04	0.09
45	8	6.69	0.72	9.12	6.04	0.65	7.63	5.38	0.58	6.26	4.74	0.51	5.02
	10	6.07	0.52	5.27	5.41	0.47	4.32	4.76	0.41	3.47	4.11	0.35	2.70
	12	5.43	0.39	3.22	4.77	0.34	2.58	4.12	0.30	2.01	3.47	0.25	1.50
	14	4.78	0.29	2.00	4.12	0.25	1.55	3.45	0.21	1.14	2.81	0.17	0.71
	16	4.11	0.22	1.23	3.45	0.19	0.84	2.84	0.15	0.50	2.23	0.12	0.29
50	8	8.30	0.89	12.99	7.64	0.82	11.23	6.98	0.75	9.60	6.33	0.68	8.09
	10	7.68	0.66	7.77	7.02	0.61	6.64	6.36	0.55	5.61	5.71	0.49	4.65
	12	7.05	0.51	4.90	6.39	0.46	4.14	5.73	0.41	3.43	5.08	0.37	2.79
	14	6.42	0.40	3.22	5.76	0.35	2.67	5.10	0.31	2.17	4.45	0.27	1.72
	16	5.78	0.31	2.16	5.11	0.28	1.76	4.45	0.24	1.39	3.79	0.20	1.05
55	8	9.91	1.07	17.45	9.24	1.00	15.43	8.57	0.92	13.47	7.91	0.85	11.72
	10	9.29	0.80	10.60	8.63	0.75	9.31	7.96	0.69	8.10	7.31	0.63	6.97
	12	8.67	0.62	6.85	8.00	0.58	5.96	7.34	0.53	5.14	6.68	0.48	4.37
	14	8.05	0.50	4.65	7.38	0.46	4.01	6.72	0.41	3.41	6.07	0.37	2.86
	16	7.41	0.40	3.22	6.74	0.36	2.74	6.08	0.33	2.30	5.43	0.29	1.89
60	8	11.52	1.24	22.24	10.84	1.17	19.99	10.17	1.10	17.93	9.51	1.03	15.95
	10	10.91	0.94	13.77	10.23	0.88	12.25	9.56	0.82	10.89	8.89	0.77	9.60
	12	10.29	0.74	9.08	9.61	0.69	8.07	8.95	0.64	7.12	8.29	0.60	6.23
	14	9.66	0.60	6.24	8.99	0.55	5.51	8.33	0.51	4.82	7.67	0.47	4.18
	16	9.04	0.49	4.45	8.37	0.45	3.89	7.71	0.42	3.38	7.04	0.38	2.89

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

NFD-V800-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	6.74	0.73	5.70	5.88	0.63	4.50	5.02	0.54	3.43	4.17	0.45	2.50
	10	5.89	0.51	3.10	5.02	0.43	2.37	4.16	0.36	1.71	3.28	0.28	1.13
	12	5.01	0.36	1.75	4.12	0.30	1.24	3.29	0.24	0.72	2.51	0.18	0.35
	14	4.11	0.25	0.84	3.32	0.20	0.47	2.51	0.15	0.28	1.68	0.10	0.19
	16	3.35	0.18	0.36	2.52	0.14	0.26	1.69	0.09	0.17	0.86	0.05	0.09
45	8	8.89	0.96	8.96	8.02	0.86	7.50	7.15	0.77	6.15	6.30	0.68	4.94
	10	8.05	0.69	5.17	7.18	0.62	4.24	6.31	0.55	3.41	5.46	0.47	2.65
	12	7.20	0.52	3.15	6.33	0.46	2.53	5.46	0.39	1.97	4.59	0.33	1.47
	14	6.33	0.39	1.95	5.44	0.34	1.51	4.56	0.28	1.11	3.71	0.23	0.69
	16	5.42	0.29	1.20	4.56	0.25	0.81	3.75	0.20	0.48	2.95	0.16	0.28
50	8	11.03	1.19	12.78	10.15	1.09	11.05	9.28	1.00	9.45	8.41	0.91	7.97
	10	10.21	0.88	7.64	9.33	0.81	6.53	8.46	0.73	5.52	7.59	0.66	4.58
	12	9.36	0.67	4.81	8.48	0.61	4.06	7.62	0.55	3.37	6.75	0.49	2.74
	14	8.52	0.52	3.16	7.64	0.47	2.62	6.77	0.42	2.13	5.90	0.36	1.69
	16	7.65	0.41	2.12	6.78	0.37	1.72	5.90	0.32	1.36	5.01	0.27	1.02
55	8	13.18	1.42	17.18	12.28	1.33	15.20	11.40	1.23	13.27	10.53	1.13	11.55
	10	12.36	1.07	10.44	11.47	0.99	9.16	10.59	0.92	7.98	9.72	0.84	6.87
	12	11.52	0.83	6.74	10.64	0.76	5.87	9.76	0.70	5.06	8.88	0.64	4.30
	14	10.69	0.66	4.58	9.81	0.61	3.94	8.94	0.55	3.36	8.07	0.50	2.82
	16	9.84	0.53	3.16	8.96	0.48	2.69	8.08	0.44	2.26	7.21	0.39	1.86
60	8	15.32	1.65	21.91	14.42	1.55	19.70	13.54	1.46	17.70	12.66	1.37	15.73
	10	14.50	1.25	13.50	13.60	1.17	12.07	12.72	1.10	10.73	11.84	1.02	9.47
	12	13.68	0.98	8.94	12.79	0.92	7.94	11.91	0.86	7.01	11.03	0.79	6.14
	14	12.85	0.79	6.14	11.96	0.74	5.42	11.08	0.68	4.75	10.20	0.63	4.12
	16	12.02	0.65	4.38	11.14	0.60	3.83	10.24	0.55	3.31	9.37	0.50	2.84

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	8.07	0.87	8.48	7.04	0.76	6.67	6.03	0.65	5.10	5.02	0.54	3.72
	10	7.08	0.61	4.62	6.05	0.52	3.53	5.03	0.43	2.57	4.00	0.34	1.74
	12	6.06	0.44	2.62	5.01	0.36	1.91	3.97	0.29	1.24	3.00	0.22	0.61
	14	4.97	0.31	1.43	3.97	0.24	0.83	3.04	0.19	0.41	2.05	0.13	0.25
	16	4.03	0.22	0.59	3.06	0.17	0.34	2.07	0.11	0.23	1.06	0.06	0.12
45	8	10.61	1.14	13.24	9.58	1.03	11.09	8.55	0.92	9.11	7.53	0.81	7.32
	10	9.63	0.83	7.65	8.60	0.74	6.29	7.58	0.65	5.06	6.56	0.57	3.95
	12	8.65	0.62	4.69	7.62	0.55	3.77	6.57	0.47	2.94	5.56	0.40	2.20
	14	7.63	0.47	2.92	6.59	0.41	2.27	5.55	0.34	1.70	4.50	0.28	1.17
	16	6.59	0.36	1.83	5.53	0.30	1.35	4.50	0.24	0.85	3.56	0.19	0.45
50	8	13.14	1.42	18.86	12.10	1.30	16.33	11.07	1.19	13.97	10.05	1.08	11.79
	10	12.18	1.05	11.29	11.15	0.96	9.67	10.12	0.87	8.17	9.09	0.79	6.79
	12	11.20	0.81	7.13	10.16	0.73	6.03	9.14	0.66	5.01	8.11	0.58	4.08
	14	10.22	0.63	4.69	9.18	0.57	3.90	8.15	0.50	3.18	7.12	0.44	2.52
	16	9.22	0.50	3.16	8.18	0.44	2.57	7.14	0.39	2.04	6.10	0.33	1.56
55	8	15.68	1.69	25.24	14.64	1.58	22.46	13.59	1.47	19.72	12.57	1.36	17.17
	10	14.73	1.27	15.35	13.68	1.18	13.49	12.65	1.09	11.81	11.61	1.00	10.18
	12	13.76	0.99	9.97	12.71	0.91	8.69	11.68	0.84	7.49	10.65	0.77	6.38
	14	12.79	0.79	6.78	11.75	0.73	5.85	10.71	0.66	4.99	9.68	0.60	4.19
	16	11.80	0.64	4.70	10.76	0.58	4.00	9.72	0.52	3.36	8.68	0.47	2.77
60	8	18.23	1.97	32.51	17.17	1.85	29.18	16.11	1.74	26.02	15.07	1.62	23.13
	10	17.28	1.49	20.03	16.22	1.40	17.92	15.17	1.31	15.94	14.13	1.22	14.07
	12	16.32	1.17	13.22	15.27	1.10	11.76	14.22	1.02	10.38	13.18	0.95	9.10
	14	15.35	0.95	9.09	14.30	0.88	8.03	13.25	0.82	7.04	12.22	0.75	6.11
	16	14.39	0.78	6.49	13.33	0.72	5.69	12.29	0.66	4.94	11.25	0.61	4.24

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

NFD-V1200-2-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	10.30	1.11	15.71	9.01	0.97	12.46	7.73	0.84	9.56	6.45	0.70	6.95
	10	9.08	0.78	8.61	7.79	0.67	6.61	6.49	0.56	4.85	5.21	0.45	3.32
	12	7.84	0.56	4.95	6.54	0.47	3.63	5.22	0.38	2.48	3.90	0.28	1.45
	14	6.55	0.40	2.82	5.20	0.32	1.89	3.92	0.24	0.97	2.70	0.17	0.41
	16	5.21	0.28	1.41	3.99	0.22	0.69	2.73	0.15	0.37	1.41	0.08	0.19
45	8	13.48	1.45	24.45	12.18	1.31	20.48	10.90	1.17	16.85	9.62	1.04	13.56
	10	12.29	1.06	14.18	10.99	0.95	11.68	9.70	0.84	9.41	8.42	0.73	7.36
	12	11.08	0.80	8.73	9.78	0.70	7.04	8.48	0.61	5.51	7.19	0.52	4.15
	14	9.84	0.61	5.48	8.53	0.53	4.29	7.22	0.45	3.23	5.91	0.36	2.30
	16	8.57	0.46	3.48	7.25	0.39	2.62	5.91	0.32	1.86	4.60	0.25	1.09
50	8	16.68	1.80	34.86	15.35	1.65	30.09	14.06	1.52	25.91	12.78	1.38	21.90
	10	15.50	1.34	20.87	14.19	1.23	17.89	12.89	1.11	15.12	11.60	1.00	12.59
	12	14.29	1.03	13.21	12.98	0.93	11.18	11.68	0.84	9.31	10.39	0.75	7.60
	14	13.08	0.81	8.73	11.77	0.73	7.28	10.47	0.65	5.94	9.17	0.57	4.74
	16	11.85	0.64	5.89	10.54	0.57	4.81	9.24	0.50	3.85	7.93	0.43	2.97
55	8	19.87	2.14	46.71	18.55	2.00	41.38	17.23	1.86	36.27	15.94	1.72	31.50
	10	18.71	1.62	28.45	17.37	1.50	24.90	16.06	1.38	21.70	14.76	1.27	18.72
	12	17.51	1.26	18.50	16.18	1.17	16.14	14.89	1.07	13.93	13.58	0.98	11.83
	14	16.32	1.01	12.57	15.00	0.93	10.85	13.69	0.84	9.26	12.39	0.76	7.79
	16	15.11	0.82	8.76	13.79	0.74	7.48	12.48	0.67	6.30	11.16	0.60	5.18
60	8	23.06	2.48	59.51	21.72	2.34	53.54	20.41	2.20	48.18	19.10	2.05	42.59
	10	21.90	1.89	36.85	20.56	1.77	32.91	19.24	1.66	29.33	17.94	1.55	25.98
	12	20.71	1.49	24.31	19.39	1.39	21.64	18.07	1.30	19.12	16.77	1.21	16.83
	14	19.53	1.20	16.81	18.20	1.12	14.87	16.89	1.04	13.04	15.58	0.96	11.33
	16	18.34	0.99	12.03	17.01	0.92	10.55	15.70	0.85	9.17	14.39	0.78	7.88

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

Cooling Capacity Table (3-row duct)

NFD-V200-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	2.00	1.52	0.58	19.28	1.99	1.73	0.57	18.84	2.04	1.96	0.59	19.89	2.18	2.18	0.63	22.27	2.39	2.39	0.69	26.12	
		17	2.65	1.53	0.76	30.92	2.63	1.74	0.75	30.60	2.62	1.96	0.75	30.28	2.60	2.17	0.74	29.96	2.60	2.38	0.74	29.91	
		19	-	-	-	-	3.33	1.75	0.96	46.22	3.31	1.97	0.95	45.75	3.29	2.18	0.94	45.28	3.27	2.39	0.94	44.51	
		20	-	-	-	-	3.69	1.76	1.06	55.09	3.67	1.97	1.05	54.53	3.65	2.18	1.05	53.99	3.63	2.39	1.04	53.44	
	4	15	1.76	1.41	0.38	9.42	1.80	1.63	0.39	9.80	1.90	1.87	0.41	10.64	2.09	2.09	0.45	12.46	2.30	2.30	0.49	14.71	
		17	2.44	1.43	0.53	16.38	2.42	1.64	0.52	16.00	2.40	1.86	0.51	15.83	2.40	2.07	0.51	15.78	2.44	2.29	0.53	16.45	
		19	-	-	-	-	3.12	1.66	0.67	24.86	3.10	1.87	0.67	24.62	3.09	2.08	0.66	24.37	3.07	2.29	0.66	24.13	
		20	-	-	-	-	3.49	1.66	0.75	30.19	3.47	1.88	0.74	29.88	3.45	2.09	0.74	29.59	3.43	2.30	0.74	29.30	
	5	15	1.51	1.28	0.26	4.80	1.62	1.53	0.28	5.49	1.78	1.77	0.30	6.47	1.99	1.99	0.34	7.85	2.21	2.21	0.38	9.35	
		17	2.18	1.31	0.37	9.14	2.17	1.53	0.37	9.04	2.16	1.74	0.37	9.00	2.20	1.97	0.38	9.30	2.29	2.20	0.39	9.95	
		19	-	-	-	-	2.90	1.56	0.50	14.98	2.88	1.77	0.49	14.68	2.86	1.98	0.49	14.53	2.84	2.19	0.49	14.38	
		20	-	-	-	-	3.28	1.57	0.56	18.48	3.26	1.78	0.56	18.30	3.24	1.99	0.56	18.12	3.22	2.20	0.56	17.94	
	6	15	1.34	1.19	0.19	2.21	1.48	1.43	0.21	2.87	1.66	1.66	0.24	3.91	1.89	1.89	0.27	5.19	2.11	2.11	0.30	6.35	
		17	1.88	1.18	0.27	5.14	1.87	1.40	0.27	5.10	1.92	1.63	0.28	5.37	2.02	1.87	0.29	5.88	2.15	2.10	0.31	6.57	
		19	-	-	-	-	2.64	1.44	0.38	9.27	2.62	1.66	0.38	9.17	2.61	1.87	0.37	9.07	2.60	2.08	0.37	9.04	
		20	-	-	-	-	3.03	1.46	0.44	11.78	3.02	1.67	0.43	11.66	3.00	1.89	0.43	11.54	2.98	2.10	0.43	11.38	
	7	3	15	1.52	1.29	0.43	11.68	1.59	1.52	0.45	12.63	1.75	1.75	0.50	15.12	1.96	1.96	0.57	18.46	2.17	2.17	0.62	21.71
			17	2.17	1.30	0.62	21.60	2.15	1.52	0.62	21.37	2.14	1.73	0.61	21.11	2.15	1.95	0.62	21.29	2.22	2.17	0.64	22.48
			19	-	-	-	-	2.86	1.53	0.83	35.27	2.84	1.75	0.82	34.90	2.82	1.96	0.82	34.53	2.80	2.17	0.81	34.17
			20	-	-	-	-	3.22	1.54	0.92	42.93	3.20	1.75	0.92	42.49	3.18	1.96	0.91	42.04	3.16	2.17	0.91	41.61
4		15	1.31	1.19	0.28	5.59	1.45	1.43	0.31	6.66	1.66	1.66	0.36	8.34	1.88	1.88	0.40	10.29	2.09	2.09	0.45	12.45	
		17	1.93	1.20	0.42	10.77	1.91	1.41	0.41	10.63	1.92	1.63	0.41	10.72	1.99	1.86	0.43	11.36	2.11	2.09	0.46	12.63	
		19	-	-	-	-	2.63	1.43	0.57	18.28	2.61	1.65	0.56	18.09	2.60	1.86	0.56	17.90	2.58	2.07	0.56	17.70	
		20	-	-	-	-	3.00	1.44	0.65	22.99	2.99	1.66	0.64	22.75	2.97	1.87	0.64	22.52	2.95	2.08	0.63	22.30	
5		15	1.15	1.09	0.20	2.48	1.33	1.32	0.23	3.60	1.55	1.55	0.27	5.06	1.78	1.78	0.31	6.38	2.00	2.00	0.34	7.78	
		17	1.62	1.07	0.28	5.46	1.64	1.29	0.28	5.53	1.71	1.53	0.29	5.98	1.83	1.77	0.32	6.73	2.00	2.00	0.34	7.81	
		19	-	-	-	-	2.38	1.33	0.41	10.43	2.36	1.54	0.41	10.32	2.35	1.75	0.43	13.60	2.36	1.97	0.41	10.29	
		20	-	-	-	-	2.76	1.34	0.48	13.50	2.74	1.55	0.47	13.36	2.73	1.77	0.47	13.22	2.71	1.98	0.47	13.08	
6		15	1.05	1.02	0.15	1.23	1.24	1.24	0.18	1.88	1.45	1.45	0.21	2.90	1.67	1.67	0.24	4.10	1.90	1.90	0.27	5.21	
		17	1.32	0.95	0.19	2.28	1.40	1.18	0.20	2.66	1.53	1.43	0.22	3.33	1.70	1.67	0.24	4.22	1.90	1.90	0.27	5.22	
		19	-	-	-	-	2.07	1.20	0.30	6.04	2.06	1.42	0.30	5.97	2.08	1.64	0.30	6.05	2.14	1.87	0.31	6.39	
		20	-	-	-	-	2.48	1.22	0.36	8.21	2.47	1.44	0.35	8.12	2.45	1.65	0.35	8.03	2.44	1.87	0.35	7.98	
9	3	15	1.11	1.08	0.32	6.76	1.31	1.31	0.38	8.99	1.53	1.53	0.44	11.71	1.75	1.75	0.50	14.72	1.96	1.96	0.56	17.90	
		17	1.64	1.08	0.47	13.18	1.63	1.29	0.47	13.02	1.67	1.52	0.48	13.53	1.77	1.75	0.51	15.04	1.96	1.96	0.56	17.95	
		19	-	-	-	-	2.34	1.31	0.67	24.29	2.32	1.52	0.67	24.02	2.31	1.74	0.66	23.76	2.30	1.95	0.66	23.55	
		20	-	-	-	-	2.71	1.32	0.79	31.85	2.70	1.53	0.78	31.51	2.68	1.75	0.78	31.17	2.66	1.96	0.77	30.84	
	4	15	0.98	0.98	0.21	3.08	1.21	1.21	0.26	4.79	1.44	1.44	0.31	6.42	1.66	1.66	0.36	8.19	1.87	1.87	0.40	10.09	
		17	1.35	0.95	0.29	5.73	1.39	1.19	0.30	6.08	1.50	1.43	0.32	6.92	1.66	1.66	0.36	8.23	1.88	1.88	0.40	10.12	
		19	-	-	-	-	2.09	1.21	0.45	12.13	2.08	1.42	0.45	11.99	2.07	1.64	0.44	11.89	2.10	1.86	0.45	12.23	
		20	-	-	-	-	2.47	1.22	0.53	16.21	2.46	1.43	0.53	16.03	2.44	1.65	0.53	15.85	2.42	1.86	0.52	15.66	
	5	15	0.89	0.89	0.15	1.31	1.11	1.11	0.19	2.34	1.33	1.33	0.23	3.72	1.56	1.56	0.27	5.04	1.78	1.78	0.31	6.32	
		17	1.06	0.84	0.18	2.11	1.19	1.08	0.20	2.82	1.35	1.33	0.23	3.86	1.56	1.56	0.27	5.05	1.79	1.79	0.31	6.33	
		19	-	-	-	-	1.79	1.09	0.31	6.34	1.78	1.30	0.31	6.29	1.83	1.53	0.31	6.58	1.92	1.77	0.33	7.15	
		20	-	-	-	-	2.20	1.11	0.38	8.98	2.18	1.32	0.38	8.87	2.17	1.54	0.37	8.76	2.18	1.76	0.37	8.85	
	6	15	0.81	0.81	0.12	0.81	1.03	1.03	0.15	1.19	1.24	1.24	0.18	1.96	1.46	1.46	0.21	3.00	1.68	1.68	0.24	4.14	
		17	0.90	0.76	0.13	0.93	1.07	1.01	0.15	1.31	1.24	1.24	0.18	1.98	1.46	1.46	0.21	3.01	1.68	1.68	0.24	4.15	
		19	-	-	-	-	1.42	0.94	0.20	2.83	1.49	1.18	0.21	3.17	1.60	1.43	0.23	3.76	1.75	1.67	0.25	4.47	
		20	-	-	-	-	1.86	0.98	0.27	4.94	1.84	1.19	0.26	4.86	1.86	1.42	0.27	4.96	1.94	1.65	0.28	5.32	

(Continued)

NFD-V200-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	0.86	0.86	0.24	4.26	1.09	1.09	0.31	6.38	1.31	1.31	0.37	8.76	1.53	1.53	0.44	11.41	1.75	1.75	0.50	14.42	
		17	1.06	0.84	0.30	6.07	1.15	1.08	0.33	7.04	1.31	1.31	0.37	8.79	1.53	1.53	0.44	11.44	1.75	1.75	0.50	14.45	
		19	-	-	-	-	1.78	1.08	0.51	14.88	1.77	1.30	0.51	14.69	1.78	1.52	0.51	14.80	1.84	1.74	0.52	15.61	
		20	-	-	-	-	2.16	1.09	0.62	20.59	2.14	1.31	0.61	20.35	2.13	1.52	0.61	20.11	2.12	1.73	0.60	19.91	
	4	15	0.76	0.76	0.16	1.58	0.98	0.98	0.21	3.11	1.22	1.22	0.26	4.72	1.44	1.44	0.31	6.29	1.66	1.66	0.36	8.01	
		17	0.83	0.73	0.18	2.00	1.00	0.98	0.21	3.23	1.22	1.22	0.26	4.72	1.44	1.44	0.31	6.31	1.66	1.66	0.36	8.03	
		19	-	-	-	-	1.48	0.96	0.32	6.55	1.50	1.19	0.32	6.69	1.58	1.42	0.34	7.33	1.70	1.66	0.36	8.36	
		20	-	-	-	-	1.88	0.98	0.40	9.89	1.87	1.20	0.40	9.78	1.86	1.42	0.40	9.70	1.90	1.64	0.41	10.06	
	5	15	0.68	0.68	0.12	0.79	0.90	0.90	0.15	1.38	1.11	1.11	0.19	2.47	1.34	1.34	0.23	3.80	1.57	1.57	0.27	5.00	
		17	0.71	0.66	0.12	0.83	0.90	0.90	0.16	1.39	1.12	1.12	0.19	2.48	1.34	1.34	0.23	3.82	1.57	1.57	0.27	5.02	
		19	-	-	-	-	1.14	0.84	0.20	2.62	1.25	1.08	0.22	3.30	1.41	1.33	0.24	4.14	1.58	1.57	0.27	5.08	
		20	-	-	-	-	1.55	0.86	0.27	4.87	1.54	1.08	0.27	4.84	1.60	1.31	0.28	5.18	1.71	1.55	0.29	5.78	
	6	15	0.58	0.58	0.08	0.55	0.81	0.81	0.12	0.78	1.03	1.03	0.15	1.24	1.24	1.24	0.18	2.06	1.47	1.47	0.21	3.12	
		17	0.58	0.57	0.08	0.55	0.81	0.81	0.12	0.78	1.03	1.03	0.15	1.25	1.25	1.25	0.18	2.07	1.47	1.47	0.21	3.13	
		19	-	-	-	-	0.95	0.76	0.14	1.01	1.10	1.00	0.16	1.47	1.27	1.24	0.18	2.16	1.47	1.47	0.21	3.14	
		20	-	-	-	-	1.16	0.72	0.17	1.73	1.24	0.96	0.18	2.07	1.37	1.21	0.20	2.67	1.53	1.45	0.22	3.44	
	13	3	15	0.63	0.63	0.18	2.17	0.86	0.86	0.25	4.30	1.09	1.09	0.31	6.39	1.31	1.31	0.38	8.76	1.53	1.53	0.44	11.38
			17	0.64	0.63	0.18	2.22	0.87	0.87	0.25	4.31	1.09	1.09	0.31	6.41	1.32	1.32	0.38	8.78	1.53	1.53	0.44	11.41
			19	-	-	-	-	1.15	0.85	0.33	7.00	1.22	1.08	0.35	7.69	1.34	1.31	0.39	9.08	1.54	1.53	0.44	11.44
			20	-	-	-	-	1.55	0.86	0.44	11.59	1.53	1.08	0.44	11.41	1.55	1.30	0.45	11.63	1.63	1.53	0.47	12.61
4		15	0.55	0.55	0.12	0.77	0.77	0.77	0.16	1.69	0.99	0.99	0.21	3.25	1.22	1.22	0.26	4.73	1.44	1.44	0.31	6.21	
		17	0.55	0.54	0.12	0.77	0.77	0.77	0.16	1.70	0.99	0.99	0.21	3.26	1.22	1.22	0.26	4.74	1.45	1.45	0.31	6.23	
		19	-	-	-	-	0.87	0.73	0.19	2.42	1.04	0.98	0.22	3.55	1.23	1.23	0.26	4.76	1.45	1.45	0.31	6.25	
		20	-	-	-	-	1.20	0.73	0.26	4.55	1.24	0.96	0.27	4.82	1.34	1.20	0.29	5.47	1.48	1.44	0.32	6.50	
5		15	0.44	0.44	0.08	0.48	0.68	0.68	0.12	0.76	0.90	0.90	0.15	1.42	1.12	1.12	0.19	2.54	1.35	1.35	0.23	3.77	
		17	0.44	0.44	0.08	0.48	0.68	0.68	0.12	0.76	0.90	0.90	0.15	1.43	1.12	1.12	0.19	2.55	1.35	1.35	0.23	3.78	
		19	-	-	-	-	0.73	0.66	0.12	0.84	0.91	0.89	0.16	1.47	1.12	1.12	0.19	2.55	1.35	1.35	0.23	3.79	
		20	-	-	-	-	0.86	0.61	0.15	1.29	0.99	0.86	0.17	1.88	1.16	1.11	0.20	2.80	1.36	1.35	0.23	3.83	
6		15	0.33	0.33	0.05	0.29	0.58	0.58	0.08	0.52	0.82	0.82	0.12	0.75	1.03	1.03	0.15	1.28	1.25	1.25	0.18	2.13	
		17	0.33	0.33	0.05	0.29	0.58	0.58	0.08	0.52	0.82	0.82	0.12	0.75	1.03	1.03	0.15	1.28	1.25	1.25	0.18	2.14	
		19	-	-	-	-	0.60	0.57	0.09	0.53	0.82	0.82	0.12	0.76	1.04	1.04	0.15	1.29	1.25	1.25	0.18	2.14	
		20	-	-	-	-	0.67	0.53	0.10	0.59	0.87	0.79	0.12	0.83	1.05	1.03	0.15	1.33	1.25	1.25	0.18	2.14	
15	3	15	0.41	0.41	0.12	0.75	0.63	0.63	0.18	2.21	0.87	0.87	0.25	4.19	1.09	1.09	0.31	6.22	1.31	1.31	0.37	8.51	
		17	0.41	0.41	0.12	0.75	0.63	0.63	0.18	2.21	0.87	0.87	0.25	4.20	1.09	1.09	0.31	6.24	1.31	1.31	0.38	8.53	
		19	-	-	-	-	0.65	0.63	0.18	2.36	0.87	0.86	0.25	4.20	1.10	1.10	0.31	6.25	1.32	1.32	0.38	8.56	
		20	-	-	-	-	0.83	0.61	0.24	3.93	0.95	0.85	0.27	4.91	1.11	1.09	0.32	6.38	1.32	1.32	0.38	8.57	
	4	15	0.31	0.31	0.07	0.40	0.55	0.55	0.12	0.75	0.77	0.77	0.16	1.73	0.99	0.99	0.21	3.24	1.22	1.22	0.26	4.62	
		17	0.31	0.31	0.07	0.40	0.55	0.55	0.12	0.75	0.77	0.77	0.16	1.74	1.00	1.00	0.21	3.25	1.23	1.23	0.26	4.63	
		19	-	-	-	-	0.55	0.55	0.12	0.75	0.77	0.77	0.16	1.75	1.00	1.00	0.21	3.26	1.23	1.23	0.26	4.65	
		20	-	-	-	-	0.61	0.52	0.13	0.95	0.78	0.76	0.17	1.86	1.00	1.00	0.21	3.26	1.23	1.23	0.26	4.65	
	5	15	0.19	0.19	0.03	0.19	0.45	0.45	0.08	0.47	0.69	0.69	0.12	0.76	0.90	0.90	0.16	1.51	1.12	1.12	0.19	2.66	
		17	0.19	0.19	0.03	0.19	0.45	0.45	0.08	0.47	0.69	0.69	0.12	0.76	0.90	0.90	0.16	1.51	1.13	1.13	0.19	2.67	
		19	-	-	-	-	0.45	0.45	0.08	0.47	0.69	0.69	0.12	0.76	0.90	0.90	0.16	1.52	1.13	1.13	0.19	2.68	
		20	-	-	-	-	0.47	0.44	0.08	0.48	0.69	0.69	0.12	0.77	0.90	0.90	0.16	1.52	1.13	1.13	0.19	2.68	
	6	15	-	-	-	-	0.34	0.34	0.05	0.29	0.59	0.59	0.08	0.50	0.82	0.82	0.12	0.76	1.03	1.03	0.15	1.35	
		17	-	-	-	-	0.34	0.34	0.05	0.29	0.59	0.59	0.08	0.50	0.82	0.82	0.12	0.76	1.04	1.04	0.15	1.36	
		19	-	-	-	-	0.34	0.34	0.05	0.29	0.59	0.59	0.08	0.50	0.82	0.82	0.12	0.76	1.04	1.04	0.15	1.36	
		20	-	-	-	-	0.34	0.34	0.05	0.29	0.59	0.59	0.08	0.50	0.83	0.83	0.12	0.76	1.04	1.04	0.15	1.36	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V300-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	2.61	1.96	0.75	35.70	2.59	2.23	0.74	35.34	2.63	2.51	0.75	36.34	2.79	2.79	0.80	40.44	3.06	3.06	0.88	47.83	
		17	3.43	1.97	0.98	57.55	3.41	2.24	0.98	56.95	3.39	2.51	0.97	56.37	3.37	2.78	0.96	55.78	3.36	3.05	0.96	55.45	
		19	-	-	-	-	4.28	2.25	1.23	85.20	4.26	2.53	1.22	84.34	4.23	2.79	1.22	83.50	4.21	3.06	1.21	82.66	
		20	-	-	-	-	4.75	2.26	1.38	103.75	4.72	2.53	1.36	101.93	4.69	2.80	1.35	100.15	4.67	3.07	1.34	99.16	
	4	15	2.34	1.84	0.50	18.20	2.37	2.12	0.51	18.57	2.48	2.41	0.53	20.06	2.69	2.69	0.58	22.90	2.96	2.96	0.63	26.99	
		17	3.18	1.85	0.68	30.54	3.16	2.13	0.68	30.23	3.14	2.40	0.67	29.92	3.13	2.67	0.67	29.68	3.17	2.95	0.68	30.29	
		19	-	-	-	-	4.05	2.15	0.87	46.52	4.03	2.42	0.87	46.05	4.01	2.69	0.86	45.59	3.98	2.95	0.86	45.14	
		20	-	-	-	-	4.52	2.15	0.98	56.88	4.50	2.43	0.97	56.00	4.47	2.69	0.96	55.45	4.45	2.96	0.96	54.91	
	5	15	2.06	1.70	0.35	9.83	2.16	2.00	0.37	10.70	2.33	2.30	0.40	12.18	2.58	2.58	0.44	14.53	2.86	2.86	0.49	17.41	
		17	2.91	1.73	0.50	17.92	2.89	2.01	0.50	17.73	2.88	2.28	0.50	17.55	2.91	2.56	0.50	17.87	3.00	2.84	0.52	18.83	
		19	-	-	-	-	3.80	2.03	0.65	28.09	3.77	2.30	0.65	27.81	3.75	2.57	0.64	27.54	3.73	2.84	0.64	27.26	
		20	-	-	-	-	4.28	2.04	0.74	34.79	4.25	2.31	0.73	34.42	4.23	2.58	0.73	34.11	4.20	2.85	0.72	33.78	
	6	15	1.79	1.56	0.26	5.53	1.97	1.88	0.28	6.67	2.19	2.19	0.31	8.06	2.47	2.47	0.35	9.87	2.75	2.75	0.39	11.88	
		17	2.59	1.59	0.37	10.66	2.57	1.86	0.37	10.54	2.60	2.15	0.37	10.73	2.69	2.44	0.39	11.38	2.83	2.74	0.41	12.48	
		19	-	-	-	-	3.51	1.90	0.50	17.90	3.49	2.17	0.50	17.72	3.47	2.44	0.50	17.54	3.45	2.71	0.49	17.38	
		20	-	-	-	-	4.00	1.92	0.57	22.36	3.98	2.19	0.57	22.14	3.95	2.46	0.57	21.92	3.93	2.73	0.56	21.71	
7	3	15	1.99	1.67	0.57	22.14	2.06	1.96	0.59	23.51	2.25	2.24	0.64	27.33	2.52	2.52	0.73	33.80	2.79	2.79	0.81	40.29	
		17	2.82	1.69	0.81	40.85	2.80	1.96	0.81	40.68	2.79	2.23	0.81	40.23	2.79	2.51	0.81	40.22	2.85	2.78	0.82	41.45	
		19	-	-	-	-	3.68	1.97	1.06	64.94	3.66	2.25	1.05	64.11	3.64	2.52	1.05	63.41	3.62	2.78	1.05	63.21	
		20	-	-	-	-	4.15	1.98	1.20	79.85	4.13	2.25	1.19	79.03	4.10	2.52	1.18	78.22	4.08	2.79	1.17	77.42	
	4	15	1.75	1.55	0.38	10.88	1.90	1.86	0.41	12.62	2.15	2.15	0.46	15.48	2.42	2.42	0.52	18.84	2.69	2.69	0.58	22.63	
		17	2.55	1.56	0.55	20.54	2.53	1.84	0.54	20.31	2.53	2.12	0.54	20.27	2.59	2.40	0.56	21.16	2.72	2.69	0.59	23.10	
		19	-	-	-	-	3.43	1.86	0.74	34.82	3.41	2.14	0.74	34.47	3.39	2.41	0.73	34.11	3.37	2.67	0.73	33.75	
		20	-	-	-	-	3.91	1.87	0.85	43.55	3.88	2.14	0.84	43.11	3.86	2.42	0.84	42.68	3.84	2.68	0.83	42.24	
	5	15	1.53	1.43	0.26	5.84	1.75	1.74	0.30	7.41	2.03	2.03	0.35	9.52	2.31	2.31	0.40	11.86	2.59	2.59	0.45	14.39	
		17	2.23	1.43	0.38	11.08	2.22	1.71	0.38	11.03	2.28	2.00	0.39	11.60	2.41	2.30	0.41	12.74	2.60	2.59	0.45	14.51	
		19	-	-	-	-	3.15	1.74	0.54	20.09	3.13	2.01	0.54	19.87	3.12	2.53	0.60	23.80	3.10	2.56	0.53	19.62	
		20	-	-	-	-	3.63	1.75	0.62	25.69	3.61	2.03	0.62	25.43	3.59	2.30	0.62	25.17	3.57	2.57	0.61	24.92	
	6	15	1.36	1.31	0.20	2.91	1.61	1.61	0.23	4.45	1.91	1.91	0.27	6.25	2.20	2.20	0.31	7.94	2.48	2.48	0.36	9.75	
		17	1.83	1.26	0.26	5.78	1.91	1.57	0.27	6.26	2.06	1.88	0.30	7.11	2.25	2.19	0.32	8.26	2.48	2.48	0.36	9.77	
		19	-	-	-	-	2.82	1.60	0.40	12.14	2.81	1.88	0.40	12.01	2.80	2.15	0.40	11.97	2.86	2.44	0.41	12.38	
		20	-	-	-	-	3.32	1.62	0.48	16.08	3.30	1.90	0.47	15.91	3.28	2.17	0.47	15.74	3.26	2.44	0.47	15.57	
9	3	15	1.45	1.40	0.42	12.74	1.69	1.69	0.49	16.66	1.97	1.97	0.57	21.50	2.25	2.25	0.65	27.30	2.51	2.51	0.72	32.79	
		17	2.16	1.40	0.62	25.08	2.14	1.67	0.61	24.75	2.17	1.95	0.62	25.33	2.28	2.24	0.66	28.09	2.52	2.52	0.72	32.88	
		19	-	-	-	-	3.04	1.69	0.88	46.21	3.02	1.97	0.88	45.72	3.00	2.24	0.87	45.22	2.98	2.51	0.86	44.72	
		20	-	-	-	-	3.50	1.69	1.01	58.51	3.48	1.97	1.00	57.89	3.46	2.24	1.00	57.28	3.44	2.51	0.99	56.67	
	4	15	1.30	1.29	0.28	6.42	1.58	1.58	0.34	8.98	1.87	1.87	0.40	11.90	2.14	2.14	0.46	15.10	2.42	2.42	0.52	18.65	
		17	1.83	1.26	0.39	11.53	1.86	1.55	0.40	11.84	1.98	1.85	0.43	13.26	2.16	2.15	0.46	15.24	2.42	2.42	0.52	18.70	
		19	-	-	-	-	2.76	1.57	0.60	23.47	2.74	1.85	0.59	23.22	2.72	2.12	0.59	22.80	2.75	2.40	0.59	23.31	
		20	-	-	-	-	3.23	1.58	0.70	30.60	3.21	1.86	0.69	30.27	3.19	2.13	0.69	29.95	3.17	2.40	0.68	29.62	
	5	15	1.16	1.16	0.20	3.15	1.46	1.46	0.25	5.32	1.75	1.75	0.30	7.28	2.04	2.04	0.35	9.41	2.31	2.31	0.40	11.71	
		17	1.47	1.11	0.25	5.35	1.61	1.43	0.28	6.31	1.80	1.74	0.31	7.64	2.04	2.04	0.35	9.43	2.32	2.32	0.40	11.74	
		19	-	-	-	-	2.43	1.44	0.42	12.65	2.41	1.71	0.41	12.49	2.44	2.00	0.42	12.77	2.53	2.29	0.44	13.60	
		20	-	-	-	-	2.92	1.46	0.50	17.44	2.91	1.73	0.50	17.25	2.89	2.01	0.50	17.05	2.88	2.28	0.50	17.00	
	6	15	1.06	1.06	0.15	1.52	1.33	1.33	0.19	2.84	1.62	1.62	0.23	4.59	1.92	1.92	0.28	6.22	2.21	2.21	0.32	7.87	
		17	1.20	0.99	0.17	2.13	1.40	1.30	0.20	3.22	1.64	1.62	0.24	4.68	1.92	1.92	0.28	6.23	2.21	2.21	0.32	7.89	
		19	-	-	-	-	2.03	1.28	0.29	6.79	2.07	1.58	0.30	7.02	2.18	1.88	0.31	7.70	2.34	2.18	0.34	8.67	
		20	-	-	-	-	2.57	1.32	0.37	10.16	2.55	1.59	0.37	10.04	2.54	1.87	0.37	10.01	2.61	2.16	0.37	10.45	

(Continued)

NFD-V300-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	1.12	1.12	0.32	8.01	1.41	1.41	0.40	11.82	1.69	1.69	0.48	16.14	1.97	1.97	0.56	20.95	2.24	2.24	0.64	26.21	
		17	1.42	1.10	0.41	11.97	1.52	1.40	0.43	13.36	1.70	1.70	0.48	16.24	1.97	1.97	0.56	21.01	2.25	2.25	0.64	26.28	
		19	-	-	-	-	2.33	1.40	0.67	28.23	2.32	1.68	0.66	27.87	2.31	1.95	0.66	27.80	2.38	2.24	0.68	29.01	
		20	-	-	-	-	2.81	1.41	0.81	39.32	2.80	1.69	0.80	38.87	2.78	1.96	0.80	38.43	2.75	2.23	0.79	37.66	
	4	15	1.00	1.00	0.21	3.80	1.30	1.30	0.28	6.25	1.59	1.59	0.34	8.81	1.87	1.87	0.40	11.65	2.15	2.15	0.46	14.76	
		17	1.13	0.97	0.24	4.92	1.34	1.29	0.29	6.57	1.59	1.59	0.34	8.82	1.87	1.87	0.40	11.68	2.15	2.15	0.46	14.80	
		19	-	-	-	-	2.00	1.27	0.43	13.05	2.00	1.55	0.43	13.06	2.08	1.85	0.45	13.97	2.22	2.14	0.47	15.61	
		20	-	-	-	-	2.50	1.29	0.53	19.13	2.48	1.57	0.53	18.91	2.46	1.84	0.53	18.67	2.49	2.12	0.53	19.09	
	5	15	0.89	0.89	0.15	1.59	1.17	1.17	0.20	3.33	1.47	1.47	0.25	5.32	1.76	1.76	0.30	7.23	2.04	2.04	0.35	9.32	
		17	0.93	0.86	0.16	1.82	1.18	1.17	0.20	3.38	1.47	1.47	0.25	5.33	1.76	1.76	0.30	7.25	2.05	2.05	0.35	9.34	
		19	-	-	-	-	1.61	1.12	0.28	6.17	1.72	1.43	0.30	6.91	1.88	1.74	0.32	8.05	2.08	2.04	0.36	9.57	
		20	-	-	-	-	2.13	1.15	0.37	10.01	2.12	1.43	0.36	9.87	2.16	1.72	0.37	10.23	2.27	2.01	0.39	11.11	
	6	15	0.77	0.77	0.11	0.87	1.06	1.06	0.15	1.60	1.34	1.34	0.19	2.99	1.64	1.64	0.23	4.66	1.93	1.93	0.28	6.13	
		17	0.79	0.76	0.11	0.89	1.06	1.06	0.15	1.60	1.34	1.34	0.19	3.00	1.64	1.64	0.24	4.67	1.93	1.93	0.28	6.14	
		19	-	-	-	-	1.26	0.98	0.18	2.54	1.46	1.30	0.21	3.67	1.69	1.63	0.24	4.93	1.94	1.93	0.28	6.19	
		20	-	-	-	-	1.66	0.98	0.24	4.75	1.72	1.28	0.25	5.05	1.88	1.59	0.27	5.84	2.06	1.90	0.29	6.83	
	13	3	15	0.83	0.83	0.24	4.80	1.13	1.13	0.32	8.04	1.42	1.42	0.41	11.82	1.69	1.69	0.49	16.11	1.97	1.97	0.57	20.88
			17	0.85	0.83	0.24	4.96	1.13	1.13	0.32	8.05	1.42	1.42	0.41	11.85	1.70	1.70	0.49	16.16	1.97	1.97	0.57	20.94
			19	-	-	-	-	1.54	1.10	0.44	13.46	1.60	1.39	0.46	14.41	1.74	1.69	0.50	16.91	1.97	1.97	0.57	20.97
			20	-	-	-	-	2.04	1.12	0.59	22.27	2.03	1.39	0.58	21.96	2.03	1.67	0.58	22.04	2.11	1.96	0.61	23.53
4		15	0.71	0.71	0.15	1.66	1.00	1.00	0.22	3.97	1.30	1.30	0.28	6.19	1.59	1.59	0.34	8.70	1.87	1.87	0.40	11.48	
		17	0.71	0.71	0.15	1.66	1.01	1.01	0.22	3.99	1.30	1.30	0.28	6.21	1.59	1.59	0.34	8.72	1.87	1.87	0.40	11.51	
		19	-	-	-	-	1.20	0.97	0.26	5.41	1.39	1.29	0.30	6.89	1.60	1.59	0.34	8.83	1.87	1.87	0.40	11.55	
		20	-	-	-	-	1.65	0.98	0.35	9.28	1.67	1.26	0.36	9.46	1.78	1.56	0.38	10.55	1.94	1.86	0.42	12.22	
5		15	0.60	0.60	0.10	0.77	0.89	0.89	0.15	1.63	1.17	1.17	0.20	3.41	1.47	1.47	0.25	5.23	1.76	1.76	0.30	7.08	
		17	0.60	0.60	0.10	0.77	0.89	0.89	0.15	1.64	1.18	1.18	0.20	3.42	1.48	1.48	0.25	5.24	1.76	1.76	0.30	7.10	
		19	-	-	-	-	0.95	0.85	0.16	2.01	1.20	1.17	0.21	3.57	1.48	1.48	0.25	5.25	1.77	1.77	0.30	7.12	
		20	-	-	-	-	1.18	0.81	0.20	3.45	1.36	1.14	0.23	4.56	1.57	1.45	0.27	5.80	1.79	1.76	0.31	7.28	
6		15	0.46	0.46	0.07	0.48	0.78	0.78	0.11	0.83	1.06	1.06	0.15	1.65	1.35	1.35	0.19	3.08	1.64	1.64	0.24	4.61	
		17	0.46	0.46	0.07	0.48	0.78	0.78	0.11	0.84	1.06	1.06	0.15	1.65	1.35	1.35	0.19	3.09	1.65	1.65	0.24	4.62	
		19	-	-	-	-	0.81	0.76	0.12	0.87	1.07	1.06	0.15	1.67	1.35	1.35	0.19	3.10	1.65	1.65	0.24	4.63	
		20	-	-	-	-	0.92	0.70	0.13	1.12	1.14	1.02	0.16	1.98	1.38	1.34	0.20	3.27	1.65	1.65	0.24	4.65	
15	3	15	0.53	0.53	0.15	1.68	0.83	0.83	0.24	4.68	1.13	1.13	0.32	7.82	1.41	1.41	0.40	11.48	1.69	1.69	0.49	15.86	
		17	0.54	0.54	0.15	1.68	0.84	0.84	0.24	4.69	1.13	1.13	0.32	7.84	1.41	1.41	0.40	11.51	1.70	1.70	0.49	15.90	
		19	-	-	-	-	0.87	0.83	0.25	5.05	1.13	1.13	0.32	7.84	1.42	1.42	0.40	11.55	1.70	1.70	0.49	15.95	
		20	-	-	-	-	1.15	0.81	0.33	8.10	1.27	1.11	0.36	9.50	1.44	1.41	0.41	11.93	1.70	1.70	0.49	15.95	
	4	15	0.42	0.42	0.09	0.65	0.71	0.71	0.15	1.70	1.01	1.01	0.22	3.95	1.31	1.31	0.28	6.13	1.59	1.59	0.34	8.59	
		17	0.42	0.42	0.09	0.65	0.71	0.71	0.15	1.70	1.01	1.01	0.22	3.96	1.31	1.31	0.28	6.15	1.59	1.59	0.34	8.61	
		19	-	-	-	-	0.72	0.71	0.15	1.72	1.01	1.01	0.22	3.97	1.31	1.31	0.28	6.17	1.60	1.60	0.34	8.64	
		20	-	-	-	-	0.81	0.67	0.17	2.40	1.05	1.00	0.23	4.27	1.31	1.31	0.28	6.19	1.60	1.60	0.34	8.65	
	5	15	0.27	0.27	0.05	0.33	0.60	0.60	0.10	0.75	0.89	0.89	0.15	1.74	1.18	1.18	0.20	3.54	1.48	1.48	0.26	5.23	
		17	0.27	0.27	0.05	0.33	0.60	0.60	0.10	0.75	0.89	0.89	0.15	1.75	1.19	1.19	0.20	3.55	1.48	1.48	0.26	5.25	
		19	-	-	-	-	0.60	0.60	0.10	0.75	0.89	0.89	0.15	1.75	1.19	1.19	0.20	3.56	1.49	1.49	0.26	5.26	
		20	-	-	-	-	0.64	0.58	0.11	0.80	0.90	0.89	0.16	1.79	1.19	1.19	0.20	3.56	1.49	1.49	0.26	5.27	
	6	15	-	-	-	-	0.47	0.47	0.07	0.47	0.79	0.79	0.11	0.83	1.07	1.07	0.15	1.75	1.36	1.36	0.19	3.21	
		17	-	-	-	-	0.47	0.47	0.07	0.47	0.79	0.79	0.11	0.83	1.07	1.07	0.15	1.75	1.36	1.36	0.20	3.22	
		19	-	-	-	-	0.47	0.47	0.07	0.47	0.79	0.79	0.11	0.83	1.07	1.07	0.15	1.76	1.36	1.36	0.20	3.23	
		20	-	-	-	-	0.47	0.46	0.07	0.47	0.79	0.79	0.11	0.83	1.07	1.07	0.15	1.76	1.36	1.36	0.20	3.24	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	3.44	2.62	0.99	22.35	3.43	2.99	0.99	22.19	3.51	3.38	1.01	23.14	3.76	3.75	1.08	26.06	4.12	4.12	1.18	30.22	
		17	4.56	2.63	1.30	35.98	4.53	3.00	1.30	35.62	4.50	3.37	1.29	35.27	4.48	3.74	1.28	34.91	4.47	4.11	1.28	34.87	
		19	-	-	-	-	5.73	3.02	1.64	53.61	5.69	3.39	1.63	53.08	5.66	3.76	1.62	52.57	5.63	4.12	1.61	52.05	
		20	-	-	-	-	6.37	3.03	1.84	65.40	6.33	3.40	1.83	64.76	6.30	3.77	1.82	64.14	6.26	4.13	1.81	63.52	
	4	15	3.02	2.42	0.65	10.73	3.09	2.81	0.66	11.19	3.27	3.21	0.70	12.36	3.60	3.60	0.77	14.53	3.97	3.97	0.86	17.36	
		17	4.18	2.46	0.90	18.95	4.16	2.83	0.90	18.76	4.13	3.20	0.89	18.57	4.12	3.57	0.89	18.51	4.20	3.95	0.91	19.10	
		19	-	-	-	-	5.37	2.85	1.15	28.89	5.34	3.22	1.14	28.61	5.31	3.59	1.14	28.33	5.28	3.95	1.13	28.06	
		20	-	-	-	-	6.01	2.86	1.29	35.14	5.97	3.23	1.28	34.81	5.94	3.60	1.27	34.47	5.91	3.97	1.27	34.15	
	5	15	2.60	2.21	0.45	5.68	2.79	2.64	0.48	6.40	3.06	3.05	0.53	7.52	3.43	3.43	0.59	9.13	3.81	3.81	0.65	10.89	
		17	3.74	2.26	0.64	10.56	3.72	2.63	0.64	10.45	3.71	3.01	0.64	10.39	3.79	3.40	0.65	10.76	3.94	3.79	0.68	11.54	
		19	-	-	-	-	4.98	2.67	0.86	17.34	4.95	3.05	0.85	17.17	4.92	3.42	0.85	17.00	4.89	3.78	0.84	16.83	
		20	-	-	-	-	5.62	2.68	0.96	21.20	5.59	3.06	0.96	21.00	5.56	3.43	0.96	20.88	5.53	3.80	0.95	20.81	
	6	15	2.25	2.03	0.32	2.77	2.52	2.45	0.36	3.67	2.86	2.86	0.41	4.87	3.26	3.26	0.47	6.12	3.64	3.64	0.52	7.39	
		17	3.24	2.03	0.46	6.04	3.22	2.41	0.46	5.99	3.31	2.81	0.47	6.26	3.47	3.22	0.50	6.82	3.71	3.63	0.53	7.63	
		19	-	-	-	-	4.53	2.48	0.65	10.71	4.51	2.85	0.65	10.60	4.48	3.22	0.64	10.49	4.47	3.59	0.64	10.46	
		20	-	-	-	-	5.20	2.50	0.75	13.61	5.18	2.88	0.74	13.48	5.15	3.25	0.74	13.35	5.12	3.61	0.73	13.23	
	7	3	15	2.60	2.22	0.74	13.48	2.73	2.62	0.78	14.64	3.02	3.01	0.87	17.65	3.38	3.38	0.97	21.28	3.75	3.75	1.08	25.42
			17	3.72	2.24	1.07	25.05	3.70	2.62	1.06	24.78	3.67	2.99	1.05	24.51	3.69	3.37	1.06	24.72	3.82	3.75	1.10	26.22
			19	-	-	-	-	4.91	2.64	1.42	40.86	4.88	3.01	1.41	40.69	4.85	3.38	1.40	40.27	4.82	3.74	1.40	39.87
			20	-	-	-	-	5.54	2.64	1.59	50.11	5.51	3.02	1.60	50.36	5.47	3.39	1.57	49.11	5.44	3.75	1.56	48.51
4		15	2.25	2.04	0.49	6.47	2.50	2.46	0.54	7.72	2.85	2.85	0.62	9.70	3.23	3.23	0.70	12.06	3.60	3.60	0.78	14.53	
		17	3.31	2.06	0.71	12.51	3.29	2.44	0.71	12.37	3.30	2.82	0.71	12.47	3.42	3.21	0.74	13.24	3.63	3.61	0.78	14.71	
		19	-	-	-	-	4.51	2.47	0.97	21.18	4.49	2.84	0.96	20.97	4.46	3.21	0.96	20.75	4.43	3.57	0.95	20.53	
		20	-	-	-	-	5.16	2.48	1.11	26.69	5.13	2.85	1.10	26.42	5.10	3.22	1.10	26.16	5.07	3.59	1.09	25.90	
5		15	1.94	1.86	0.33	3.13	2.28	2.28	0.39	4.47	2.68	2.68	0.46	5.90	3.06	3.06	0.53	7.42	3.44	3.44	0.59	9.05	
		17	2.79	1.84	0.48	6.32	2.81	2.23	0.48	6.38	2.94	2.64	0.51	6.92	3.16	3.05	0.54	7.80	3.45	3.45	0.59	9.08	
		19	-	-	-	-	4.07	2.28	0.70	12.04	4.05	2.65	0.70	11.92	3.99	3.10	0.69	13.00	4.04	3.40	0.70	11.89	
		20	-	-	-	-	4.74	2.30	0.82	15.68	4.71	2.67	0.81	15.51	4.68	3.04	0.81	15.35	4.66	3.41	0.80	15.18	
6		15	1.76	1.72	0.25	1.50	2.10	2.10	0.30	2.43	2.49	2.49	0.36	3.70	2.88	2.88	0.41	4.89	3.27	3.27	0.47	6.07	
		17	2.22	1.61	0.32	2.82	2.38	2.03	0.34	3.34	2.62	2.46	0.38	4.13	2.92	2.88	0.42	4.99	3.28	3.28	0.47	6.08	
		19	-	-	-	-	3.56	2.07	0.51	6.98	3.54	2.44	0.51	6.90	3.56	2.83	0.51	6.99	3.68	3.22	0.53	7.38	
		20	-	-	-	-	4.26	2.10	0.61	9.47	4.23	2.48	0.61	9.37	4.21	2.85	0.60	9.27	4.19	3.22	0.60	9.22	
9	3	15	1.91	1.86	0.55	7.82	2.26	2.26	0.65	10.46	2.64	2.64	0.76	13.65	3.01	3.01	0.87	17.27	3.38	3.38	0.97	20.94	
		17	2.81	1.85	0.81	15.31	2.79	2.23	0.80	15.11	2.86	2.62	0.82	15.78	3.04	3.01	0.87	17.46	3.39	3.39	0.97	21.00	
		19	-	-	-	-	4.02	2.25	1.16	28.66	4.00	2.63	1.16	28.35	3.97	3.00	1.15	28.06	3.95	3.37	1.14	27.80	
		20	-	-	-	-	4.65	2.26	1.34	36.48	4.63	2.63	1.33	36.10	4.60	3.00	1.32	35.73	4.57	3.37	1.31	35.36	
	4	15	1.69	1.68	0.36	3.87	2.09	2.09	0.45	5.57	2.48	2.48	0.53	7.46	2.86	2.86	0.61	9.53	3.23	3.23	0.70	11.76	
		17	2.31	1.64	0.50	6.61	2.39	2.05	0.51	7.02	2.58	2.46	0.56	8.00	2.86	2.86	0.62	9.56	3.24	3.24	0.70	11.80	
		19	-	-	-	-	3.58	2.07	0.77	14.09	3.56	2.45	0.77	13.96	3.55	2.82	0.77	13.90	3.60	3.20	0.77	14.15	
		20	-	-	-	-	4.24	2.09	0.92	18.83	4.21	2.46	0.91	18.63	4.19	2.84	0.90	18.44	4.16	3.20	0.90	18.23	
	5	15	1.51	1.51	0.26	1.67	1.89	1.89	0.33	3.02	2.30	2.30	0.40	4.48	2.69	2.69	0.46	5.86	3.07	3.07	0.53	7.35	
		17	1.79	1.42	0.31	2.63	2.02	1.86	0.35	3.53	2.33	2.29	0.40	4.59	2.69	2.69	0.46	5.87	3.08	3.08	0.53	7.37	
		19	-	-	-	-	3.07	1.87	0.53	7.31	3.05	2.25	0.53	7.24	3.14	2.64	0.54	7.58	3.30	3.05	0.57	8.27	
		20	-	-	-	-	3.76	1.90	0.65	10.35	3.74	2.27	0.64	10.23	3.71	2.65	0.64	10.11	3.73	3.03	0.64	10.20	
	6	15	1.37	1.37	0.20	0.86	1.74	1.74	0.25	1.50	2.11	2.11	0.30	2.53	2.50	2.50	0.36	3.75	2.90	2.90	0.42	4.87	
		17	1.52	1.29	0.22	1.06	1.79	1.71	0.26	1.63	2.12	2.11	0.30	2.54	2.51	2.51	0.36	3.76	2.91	2.91	0.42	4.88	
		19	-	-	-	-	2.42	1.62	0.35	3.50	2.55	2.03	0.37	3.87	2.76	2.46	0.40	4.46	3.02	2.88	0.43	5.20	
		20	-	-	-	-	3.19	1.68	0.46	5.71	3.17	2.05	0.45	5.63	3.20	2.44	0.46	5.73	3.33	2.85	0.48	6.14	

(Continued)

NFD-V400-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	1.48	1.48	0.42	4.95	1.88	1.88	0.53	7.41	2.26	2.26	0.64	10.20	2.64	2.64	0.75	13.31	3.01	3.01	0.86	16.71	
		17	1.81	1.44	0.52	6.99	1.98	1.86	0.56	8.13	2.26	2.26	0.65	10.22	2.64	2.64	0.75	13.34	3.02	3.02	0.86	16.75	
		19	-	-	-	-	3.05	1.86	0.87	17.05	3.03	2.23	0.86	16.83	3.04	2.61	0.87	16.98	3.16	3.00	0.90	18.14	
		20	-	-	-	-	3.70	1.87	1.06	23.85	3.68	2.25	1.05	23.59	3.65	2.62	1.04	23.32	3.63	2.99	1.04	23.09	
	4	15	1.29	1.29	0.28	2.03	1.69	1.69	0.36	3.81	2.09	2.09	0.45	5.48	2.48	2.48	0.53	7.31	2.86	2.86	0.61	9.33	
		17	1.40	1.25	0.30	2.52	1.72	1.69	0.37	3.91	2.10	2.10	0.45	5.49	2.49	2.49	0.53	7.33	2.87	2.87	0.61	9.35	
		19	-	-	-	-	2.53	1.66	0.54	7.54	2.56	2.05	0.55	7.70	2.70	2.45	0.58	8.46	2.93	2.86	0.63	9.69	
		20	-	-	-	-	3.22	1.69	0.69	11.40	3.20	2.06	0.68	11.26	3.18	2.44	0.68	11.17	3.26	2.83	0.70	11.62	
	5	15	1.15	1.15	0.20	0.87	1.52	1.52	0.26	1.77	1.91	1.91	0.33	3.14	2.31	2.31	0.40	4.46	2.70	2.70	0.47	5.82	
		17	1.19	1.13	0.21	0.94	1.52	1.52	0.26	1.77	1.91	1.91	0.33	3.15	2.32	2.32	0.40	4.48	2.71	2.71	0.47	5.83	
		19	-	-	-	-	1.94	1.44	0.33	3.24	2.15	1.87	0.37	3.94	2.42	2.29	0.42	4.81	2.73	2.71	0.47	5.90	
		20	-	-	-	-	2.65	1.48	0.46	5.62	2.64	1.86	0.45	5.57	2.75	2.26	0.47	5.97	2.93	2.67	0.51	6.67	
	6	15	0.98	0.98	0.14	0.57	1.38	1.38	0.20	0.87	1.75	1.75	0.25	1.58	2.13	2.13	0.31	2.65	2.53	2.53	0.36	3.78	
		17	0.99	0.98	0.14	0.57	1.38	1.38	0.20	0.87	1.75	1.75	0.25	1.59	2.13	2.13	0.31	2.66	2.53	2.53	0.36	3.79	
		19	-	-	-	-	1.58	1.28	0.23	1.21	1.84	1.70	0.26	1.83	2.16	2.12	0.31	2.75	2.53	2.53	0.36	3.80	
		20	-	-	-	-	1.94	1.22	0.28	2.11	2.10	1.64	0.30	2.57	2.35	2.08	0.34	3.30	2.64	2.51	0.38	4.08	
	13	3	15	1.08	1.08	0.31	2.78	1.49	1.49	0.43	4.99	1.88	1.88	0.54	7.43	2.26	2.26	0.65	10.20	2.64	2.64	0.75	13.10
			17	1.09	1.08	0.31	2.82	1.49	1.49	0.43	5.00	1.88	1.88	0.54	7.45	2.27	2.27	0.65	10.23	2.64	2.64	0.75	13.14
			19	-	-	-	-	1.97	1.45	0.57	8.04	2.09	1.86	0.60	8.87	2.31	2.27	0.66	10.53	2.65	2.64	0.75	13.17
			20	-	-	-	-	2.64	1.47	0.75	13.09	2.61	1.85	0.75	12.89	2.65	2.23	0.76	13.18	2.79	2.63	0.79	14.39
4		15	0.93	0.93	0.20	0.89	1.30	1.30	0.28	2.18	1.71	1.71	0.37	3.85	2.10	2.10	0.45	5.43	2.49	2.49	0.53	7.23	
		17	0.93	0.92	0.20	0.88	1.30	1.30	0.28	2.19	1.71	1.71	0.37	3.86	2.10	2.10	0.45	5.44	2.49	2.49	0.53	7.25	
		19	-	-	-	-	1.49	1.26	0.32	3.00	1.78	1.69	0.38	4.14	2.11	2.11	0.45	5.46	2.49	2.49	0.53	7.27	
		20	-	-	-	-	2.04	1.26	0.44	5.14	2.11	1.66	0.45	5.45	2.30	2.07	0.49	6.31	2.55	2.48	0.55	7.53	
5		15	0.75	0.75	0.13	0.50	1.16	1.16	0.20	0.87	1.52	1.52	0.26	1.82	1.92	1.92	0.33	3.16	2.32	2.32	0.40	4.39	
		17	0.75	0.75	0.13	0.50	1.16	1.16	0.20	0.88	1.53	1.53	0.26	1.83	1.92	1.92	0.33	3.17	2.32	2.32	0.40	4.40	
		19	-	-	-	-	1.22	1.11	0.21	1.00	1.54	1.52	0.26	1.87	1.93	1.92	0.33	3.18	2.33	2.33	0.40	4.41	
		20	-	-	-	-	1.43	1.04	0.25	1.55	1.68	1.47	0.29	2.36	2.00	1.91	0.34	3.39	2.34	2.33	0.40	4.44	
6		15	0.56	0.56	0.08	0.30	0.99	0.99	0.14	0.54	1.38	1.38	0.20	0.88	1.75	1.75	0.25	1.64	2.14	2.14	0.31	2.71	
		17	0.56	0.56	0.08	0.30	0.99	0.99	0.14	0.54	1.39	1.39	0.20	0.88	1.75	1.75	0.25	1.64	2.14	2.14	0.31	2.72	
		19	-	-	-	-	1.01	0.98	0.14	0.55	1.39	1.39	0.20	0.88	1.75	1.75	0.25	1.65	2.14	2.14	0.31	2.73	
		20	-	-	-	-	1.12	0.91	0.16	0.61	1.45	1.34	0.21	0.99	1.77	1.75	0.25	1.69	2.14	2.14	0.31	2.73	
15	3	15	0.70	0.70	0.20	0.89	1.08	1.08	0.31	2.79	1.49	1.49	0.43	4.86	1.88	1.88	0.54	7.23	2.26	2.26	0.65	9.92	
		17	0.70	0.70	0.20	0.89	1.08	1.08	0.31	2.80	1.49	1.49	0.43	4.88	1.88	1.88	0.54	7.25	2.26	2.26	0.65	9.94	
		19	-	-	-	-	1.11	1.08	0.32	2.93	1.49	1.49	0.43	4.87	1.89	1.89	0.54	7.27	2.27	2.27	0.65	9.97	
		20	-	-	-	-	1.43	1.05	0.41	4.52	1.63	1.47	0.46	5.65	1.91	1.88	0.54	7.40	2.27	2.27	0.65	9.98	
	4	15	0.52	0.52	0.11	0.42	0.93	0.93	0.20	0.89	1.31	1.31	0.28	2.23	1.71	1.71	0.37	3.78	2.11	2.11	0.45	5.37	
		17	0.52	0.52	0.11	0.42	0.93	0.93	0.20	0.90	1.31	1.31	0.28	2.24	1.72	1.72	0.37	3.79	2.11	2.11	0.45	5.38	
		19	-	-	-	-	0.93	0.93	0.20	0.90	1.31	1.31	0.28	2.24	1.72	1.72	0.37	3.80	2.11	2.11	0.45	5.40	
		20	-	-	-	-	1.02	0.88	0.22	1.15	1.34	1.30	0.29	2.35	1.72	1.71	0.37	3.80	2.12	2.12	0.45	5.41	
	5	15	0.32	0.32	0.05	0.20	0.76	0.76	0.13	0.48	1.16	1.16	0.20	0.92	1.53	1.53	0.26	1.94	1.94	1.94	0.33	3.21	
		17	0.32	0.32	0.05	0.20	0.77	0.77	0.13	0.48	1.16	1.16	0.20	0.92	1.54	1.54	0.26	1.95	1.94	1.94	0.33	3.21	
		19	-	-	-	-	0.77	0.77	0.13	0.49	1.16	1.16	0.20	0.92	1.54	1.54	0.27	1.96	1.94	1.94	0.33	3.22	
		20	-	-	-	-	0.79	0.75	0.14	0.50	1.17	1.16	0.20	0.93	1.54	1.54	0.27	1.96	1.95	1.95	0.34	3.23	
	6	15	-	-	-	-	0.57	0.57	0.08	0.30	1.00	1.00	0.14	0.52	1.39	1.39	0.20	0.92	1.76	1.76	0.25	1.74	
		17	-	-	-	-	0.57	0.57	0.08	0.30	1.00	1.00	0.14	0.52	1.39	1.39	0.20	0.92	1.76	1.76	0.25	1.75	
		19	-	-	-	-	0.57	0.57	0.08	0.30	1.00	1.00	0.14	0.52	1.39	1.39	0.20	0.93	1.76	1.76	0.25	1.75	
		20	-	-	-	-	0.57	0.57	0.08	0.30	1.00	1.00	0.14	0.52	1.39	1.39	0.20	0.93	1.76	1.76	0.25	1.76	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V500-3-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	3.84	2.93	1.10	26.83	3.82	3.35	1.10	26.65	3.92	3.78	1.12	27.65	4.21	4.21	1.21	31.43	4.63	4.63	1.32	36.95
		17	5.09	2.94	1.46	43.65	5.06	3.37	1.45	43.23	5.04	3.78	1.44	42.80	5.01	4.20	1.43	42.40	5.01	4.61	1.43	42.36
		19	-	-	-	-	6.42	3.38	1.85	66.36	6.39	3.80	1.84	65.73	6.35	4.22	1.83	65.11	6.32	4.63	1.82	64.50
		20	-	-	-	-	7.12	3.39	2.04	78.71	7.09	3.81	2.03	77.98	7.05	4.22	2.03	77.73	7.02	4.64	2.03	77.68
	4	15	3.36	2.71	0.72	12.91	3.45	3.15	0.74	13.47	3.66	3.60	0.78	14.96	4.04	4.04	0.87	17.86	4.45	4.45	0.96	21.14
		17	4.66	2.74	1.00	22.60	4.63	3.16	0.99	22.39	4.61	3.59	0.99	22.43	4.60	4.01	0.99	22.37	4.69	4.43	1.01	22.87
		19	-	-	-	-	6.00	3.19	1.29	35.04	5.96	3.61	1.28	34.71	5.93	4.02	1.27	34.39	5.90	4.43	1.27	34.07
		20	-	-	-	-	6.72	3.20	1.44	42.69	6.68	3.62	1.43	42.29	6.65	4.03	1.43	41.91	6.61	4.45	1.42	41.52
	5	15	2.90	2.48	0.50	6.83	3.11	2.95	0.53	7.72	3.43	3.42	0.59	9.10	3.85	3.85	0.66	11.07	4.27	4.27	0.73	13.23
		17	4.17	2.52	0.72	12.70	4.15	2.95	0.71	12.57	4.13	3.37	0.71	12.50	4.22	3.81	0.72	12.96	4.41	4.25	0.76	13.96
		19	-	-	-	-	5.55	2.99	0.96	20.89	5.52	3.41	0.95	20.73	5.49	3.82	0.95	20.53	5.46	4.24	0.94	20.34
		20	-	-	-	-	6.27	3.00	1.08	25.62	6.24	3.42	1.07	25.38	6.20	3.84	1.06	25.15	6.17	4.25	1.06	24.92
	6	15	2.48	2.25	0.35	3.56	2.80	2.74	0.40	4.67	3.21	3.21	0.46	5.96	3.65	3.65	0.52	7.42	4.08	4.08	0.58	8.97
		17	3.62	2.28	0.52	7.28	3.60	2.70	0.51	7.21	3.69	3.15	0.53	7.53	3.88	3.61	0.56	8.22	4.15	4.07	0.59	9.22
		19	-	-	-	-	5.06	2.77	0.73	12.95	5.03	3.19	0.72	12.82	5.00	3.61	0.72	12.70	4.99	4.03	0.72	12.65
		20	-	-	-	-	5.80	2.79	0.83	16.40	5.77	3.21	0.83	16.25	5.74	3.63	0.82	16.10	5.71	4.05	0.82	15.95
7	3	15	2.90	2.50	0.84	16.51	3.05	2.94	0.88	17.97	3.38	3.38	0.97	21.19	3.80	3.80	1.09	25.95	4.21	4.21	1.22	31.49
		17	4.16	2.51	1.20	30.80	4.14	2.94	1.20	30.48	4.11	3.36	1.19	30.16	4.13	3.78	1.19	30.41	4.28	4.21	1.24	32.38
		19	-	-	-	-	5.48	2.95	1.58	49.23	5.45	3.37	1.57	48.75	5.42	3.79	1.56	48.28	5.39	4.20	1.55	47.82
		20	-	-	-	-	6.20	2.96	1.78	61.07	6.16	3.38	1.77	60.48	6.13	3.80	1.76	59.89	6.10	4.21	1.75	59.33
	4	15	2.51	2.29	0.54	7.77	2.79	2.76	0.60	9.32	3.20	3.20	0.69	11.83	3.62	3.62	0.78	14.65	4.04	4.04	0.87	17.50
		17	3.68	2.30	0.80	15.06	3.66	2.73	0.79	14.89	3.68	3.16	0.79	15.01	3.81	3.60	0.82	15.98	4.06	4.04	0.87	17.67
		19	-	-	-	-	5.04	2.75	1.08	25.59	5.01	3.18	1.08	25.34	4.98	3.59	1.07	25.10	4.95	4.01	1.06	24.84
		20	-	-	-	-	5.77	2.77	1.25	32.70	5.74	3.19	1.24	32.38	5.70	3.61	1.23	32.08	5.67	4.03	1.23	31.78
	5	15	2.16	2.07	0.37	4.00	2.55	2.55	0.44	5.44	3.00	3.00	0.52	7.15	3.43	3.43	0.59	9.00	3.86	3.86	0.66	10.99
		17	3.11	2.06	0.54	7.60	3.13	2.50	0.54	7.66	3.28	2.96	0.56	8.31	3.52	3.42	0.61	9.41	3.86	3.86	0.66	11.02
		19	-	-	-	-	4.54	2.54	0.78	14.51	4.51	2.97	0.78	14.36	4.46	3.50	0.79	16.40	4.51	3.81	0.78	14.32
		20	-	-	-	-	5.28	2.56	0.91	18.80	5.25	2.99	0.90	18.61	5.22	3.41	0.90	18.44	5.19	3.82	0.89	18.26
	6	15	1.92	1.90	0.28	1.91	2.33	2.33	0.34	3.18	2.78	2.78	0.40	4.59	3.23	3.23	0.46	5.93	3.67	3.67	0.53	7.35
		17	2.45	1.79	0.35	3.58	2.64	2.27	0.38	4.20	2.92	2.75	0.42	5.00	3.26	3.23	0.47	6.03	3.67	3.67	0.53	7.37
		19	-	-	-	-	3.97	2.31	0.57	8.39	3.94	2.73	0.56	8.30	3.97	3.17	0.57	8.39	4.10	3.62	0.59	8.88
		20	-	-	-	-	4.74	2.34	0.68	11.38	4.71	2.77	0.68	11.27	4.69	3.19	0.67	11.15	4.67	3.61	0.67	11.08
9	3	15	2.13	2.08	0.61	9.43	2.53	2.53	0.73	12.68	2.96	2.96	0.85	16.71	3.38	3.38	0.97	20.90	3.79	3.79	1.09	25.57
		17	3.13	2.07	0.90	18.32	3.11	2.49	0.89	18.09	3.19	2.93	0.91	18.89	3.41	3.38	0.98	21.21	3.80	3.80	1.09	25.64
		19	-	-	-	-	4.48	2.52	1.29	34.16	4.46	2.94	1.28	33.81	4.43	3.36	1.27	33.45	4.41	3.78	1.27	33.17
		20	-	-	-	-	5.21	2.53	1.51	45.01	5.18	2.95	1.50	44.56	5.15	3.37	1.49	44.12	5.12	3.79	1.48	43.67
	4	15	1.88	1.88	0.40	4.68	2.33	2.33	0.50	6.74	2.77	2.77	0.60	9.04	3.20	3.20	0.69	11.56	3.62	3.62	0.78	14.31
		17	2.57	1.84	0.55	7.93	2.66	2.29	0.57	8.41	2.88	2.75	0.62	9.64	3.21	3.21	0.69	11.60	3.63	3.63	0.78	14.34
		19	-	-	-	-	3.99	2.32	0.86	16.90	3.96	2.74	0.85	16.72	3.94	3.16	0.85	16.57	4.02	3.59	0.87	17.12
		20	-	-	-	-	4.73	2.33	1.02	22.71	4.70	2.76	1.01	22.48	4.67	3.18	1.01	22.26	4.64	3.59	1.00	22.02
	5	15	1.67	1.67	0.29	2.17	2.11	2.11	0.36	3.85	2.57	2.57	0.44	5.42	3.01	3.01	0.52	7.09	3.44	3.44	0.59	8.91
		17	1.97	1.59	0.34	3.33	2.26	2.08	0.39	4.35	2.61	2.57	0.45	5.54	3.02	3.01	0.52	7.11	3.45	3.45	0.59	8.93
		19	-	-	-	-	3.42	2.09	0.59	8.78	3.40	2.52	0.58	8.69	3.49	2.96	0.60	9.10	3.68	3.41	0.63	9.95
		20	-	-	-	-	4.18	2.12	0.72	12.42	4.16	2.54	0.72	12.29	4.13	2.96	0.71	12.14	4.15	3.39	0.71	12.25
	6	15	1.50	1.50	0.22	1.04	1.91	1.91	0.27	1.95	2.35	2.35	0.34	3.28	2.81	2.81	0.40	4.60	3.25	3.25	0.47	5.90
		17	1.64	1.42	0.24	1.29	1.96	1.89	0.28	2.08	2.35	2.35	0.34	3.29	2.81	2.81	0.40	4.61	3.25	3.25	0.47	5.91
		19	-	-	-	-	2.71	1.82	0.39	4.30	2.84	2.28	0.41	4.68	3.08	2.76	0.44	5.37	3.37	3.23	0.48	6.27
		20	-	-	-	-	3.56	1.87	0.51	6.85	3.53	2.30	0.51	6.76	3.56	2.74	0.51	6.87	3.71	3.19	0.53	7.37

(Continued)

NFD-V500-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	1.65	1.65	0.47	5.98	2.10	2.10	0.60	8.98	2.53	2.53	0.72	12.39	2.96	2.96	0.84	16.19	3.38	3.38	0.96	20.38	
		17	2.02	1.62	0.57	8.36	2.21	2.08	0.63	9.78	2.53	2.53	0.72	12.40	2.96	2.96	0.84	16.23	3.38	3.38	0.97	20.43	
		19	-	-	-	-	3.40	2.08	0.97	20.55	3.37	2.50	0.96	20.29	3.39	2.93	0.97	20.47	3.53	3.37	1.01	21.97	
		20	-	-	-	-	4.12	2.09	1.18	28.79	4.10	2.52	1.17	28.60	4.08	2.94	1.17	28.40	4.05	3.36	1.16	28.11	
	4	15	1.43	1.43	0.31	2.65	1.90	1.90	0.41	4.62	2.34	2.34	0.50	6.63	2.78	2.78	0.60	8.87	3.21	3.21	0.69	11.33	
		17	1.55	1.40	0.33	3.20	1.92	1.89	0.41	4.72	2.35	2.35	0.50	6.64	2.78	2.78	0.60	8.89	3.21	3.21	0.69	11.36	
		19	-	-	-	-	2.81	1.86	0.60	9.04	2.85	2.29	0.61	9.22	3.01	2.75	0.64	10.16	3.27	3.20	0.70	11.72	
		20	-	-	-	-	3.58	1.88	0.77	13.69	3.56	2.31	0.76	13.53	3.54	2.73	0.76	13.41	3.63	3.17	0.78	13.98	
	5	15	1.26	1.26	0.22	1.07	1.68	1.68	0.29	2.31	2.14	2.14	0.37	3.90	2.59	2.59	0.45	5.40	3.03	3.03	0.52	7.05	
		17	1.30	1.24	0.22	1.15	1.68	1.68	0.29	2.31	2.14	2.14	0.37	3.91	2.59	2.59	0.45	5.42	3.03	3.03	0.52	7.06	
		19	-	-	-	-	2.16	1.61	0.37	3.97	2.40	2.09	0.41	4.74	2.70	2.57	0.46	5.79	3.05	3.03	0.52	7.13	
		20	-	-	-	-	2.95	1.65	0.51	6.74	2.94	2.08	0.51	6.67	3.06	2.53	0.53	7.15	3.27	2.99	0.56	8.02	
	6	15	1.08	1.08	0.15	0.62	1.51	1.51	0.22	1.08	1.93	1.93	0.28	2.06	2.37	2.37	0.34	3.38	2.83	2.83	0.41	4.59	
		17	1.08	1.07	0.16	0.62	1.52	1.51	0.22	1.08	1.93	1.93	0.28	2.07	2.38	2.38	0.34	3.38	2.83	2.83	0.41	4.60	
		19	-	-	-	-	1.70	1.41	0.24	1.49	2.02	1.89	0.29	2.34	2.41	2.37	0.35	3.47	2.84	2.83	0.41	4.61	
		20	-	-	-	-	2.12	1.36	0.30	2.65	2.32	1.84	0.33	3.23	2.62	2.33	0.38	4.02	2.95	2.81	0.42	4.91	
13	3	15	1.21	1.21	0.35	3.49	1.67	1.67	0.48	6.03	2.11	2.11	0.60	9.01	2.54	2.54	0.73	12.40	2.96	2.96	0.85	16.19	
		17	1.21	1.21	0.35	3.52	1.67	1.67	0.48	6.05	2.11	2.11	0.61	9.03	2.54	2.54	0.73	12.43	2.96	2.96	0.85	16.23	
		19	-	-	-	-	2.19	1.63	0.63	9.61	2.32	2.08	0.67	10.64	2.57	2.53	0.73	12.54	2.97	2.97	0.85	16.27	
		20	-	-	-	-	2.95	1.65	0.85	16.05	2.92	2.07	0.84	15.81	2.95	2.51	0.85	16.12	3.11	2.95	0.90	17.67	
	4	15	1.02	1.02	0.22	1.11	1.45	1.45	0.31	2.82	1.91	1.91	0.41	4.66	2.35	2.35	0.50	6.57	2.78	2.78	0.60	8.76	
		17	1.02	1.01	0.22	1.11	1.45	1.45	0.31	2.83	1.91	1.91	0.41	4.67	2.35	2.35	0.50	6.58	2.79	2.79	0.60	8.79	
		19	-	-	-	-	1.66	1.41	0.36	3.66	1.99	1.90	0.43	4.98	2.36	2.36	0.51	6.60	2.79	2.79	0.60	8.81	
		20	-	-	-	-	2.27	1.40	0.49	6.15	2.34	1.86	0.50	6.51	2.56	2.32	0.55	7.57	2.84	2.78	0.61	9.09	
	5	15	0.82	0.82	0.14	0.55	1.26	1.26	0.22	1.10	1.69	1.69	0.29	2.38	2.15	2.15	0.37	3.85	2.60	2.60	0.45	5.31	
		17	0.82	0.82	0.14	0.55	1.27	1.27	0.22	1.10	1.69	1.69	0.29	2.39	2.15	2.15	0.37	3.86	2.60	2.60	0.45	5.32	
		19	-	-	-	-	1.32	1.23	0.23	1.24	1.70	1.69	0.29	2.42	2.16	2.15	0.37	3.87	2.61	2.61	0.45	5.34	
		20	-	-	-	-	1.55	1.15	0.27	1.92	1.86	1.64	0.32	2.97	2.23	2.14	0.38	4.09	2.61	2.61	0.45	5.37	
	6	15	0.61	0.61	0.09	0.33	1.08	1.08	0.16	0.59	1.52	1.52	0.22	1.11	1.93	1.93	0.28	2.14	2.39	2.39	0.34	3.37	
		17	0.61	0.61	0.09	0.33	1.09	1.09	0.16	0.59	1.52	1.52	0.22	1.11	1.94	1.94	0.28	2.15	2.39	2.39	0.34	3.38	
		19	-	-	-	-	1.10	1.07	0.16	0.60	1.52	1.51	0.22	1.12	1.94	1.94	0.28	2.15	2.40	2.40	0.34	3.39	
		20	-	-	-	-	1.22	1.00	0.17	0.68	1.57	1.48	0.23	1.24	1.95	1.93	0.28	2.19	2.40	2.40	0.34	3.39	
15	3	15	0.76	0.76	0.22	1.13	1.21	1.21	0.35	3.43	1.67	1.67	0.48	5.88	2.11	2.11	0.60	8.77	2.53	2.53	0.72	12.06	
		17	0.76	0.76	0.22	1.13	1.21	1.21	0.35	3.43	1.67	1.67	0.48	5.90	2.11	2.11	0.60	8.79	2.54	2.54	0.72	12.09	
		19	-	-	-	-	1.24	1.21	0.35	3.56	1.67	1.66	0.48	5.89	2.11	2.11	0.60	8.81	2.54	2.54	0.73	12.12	
		20	-	-	-	-	1.59	1.17	0.45	5.39	1.81	1.64	0.52	6.77	2.13	2.11	0.61	8.94	2.54	2.54	0.73	12.14	
	4	15	0.57	0.57	0.12	0.46	1.02	1.02	0.22	1.14	1.46	1.46	0.31	2.85	1.92	1.92	0.41	4.57	2.36	2.36	0.51	6.50	
		17	0.57	0.57	0.12	0.46	1.02	1.02	0.22	1.14	1.46	1.46	0.31	2.85	1.92	1.92	0.41	4.58	2.36	2.36	0.51	6.52	
		19	-	-	-	-	1.02	1.01	0.22	1.14	1.46	1.46	0.31	2.86	1.92	1.92	0.41	4.59	2.37	2.37	0.51	6.54	
		20	-	-	-	-	1.10	0.96	0.24	1.43	1.49	1.45	0.32	2.96	1.92	1.92	0.41	4.59	2.37	2.37	0.51	6.55	
	5	15	0.34	0.34	0.06	0.21	0.84	0.84	0.14	0.53	1.27	1.27	0.22	1.17	1.71	1.71	0.29	2.51	2.17	2.17	0.37	3.88	
		17	0.34	0.34	0.06	0.21	0.84	0.84	0.14	0.53	1.27	1.27	0.22	1.18	1.71	1.71	0.29	2.52	2.17	2.17	0.37	3.89	
		19	-	-	-	-	0.84	0.84	0.14	0.53	1.27	1.27	0.22	1.18	1.71	1.71	0.29	2.53	2.17	2.17	0.37	3.90	
		20	-	-	-	-	0.86	0.82	0.15	0.54	1.27	1.27	0.22	1.18	1.71	1.71	0.30	2.53	2.18	2.18	0.38	3.90	
	6	15	-	-	-	-	0.62	0.62	0.09	0.32	1.10	1.10	0.16	0.58	1.52	1.52	0.22	1.18	1.95	1.95	0.28	2.26	
		17	-	-	-	-	0.62	0.62	0.09	0.32	1.10	1.10	0.16	0.58	1.52	1.52	0.22	1.18	1.96	1.96	0.28	2.27	
		19	-	-	-	-	0.62	0.62	0.09	0.32	1.10	1.10	0.16	0.58	1.53	1.53	0.22	1.19	1.96	1.96	0.28	2.28	
		20	-	-	-	-	0.62	0.62	0.09	0.32	1.10	1.10	0.16	0.58	1.53	1.53	0.22	1.19	1.96	1.96	0.28	2.28	

Abbreviations:

EWT: Enter Water Temp. (°C)

Δt: Temperature Difference (°C)

DB: Dry Bulb Temp. (°C)

WF: Water Flow (m³/h)

WB: Wet Bulb Temp. (°C)

TC: Total Cooling Capacity (kW)

SC: Sensible Cooling Capacity (kW)

WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	4.84	3.64	1.39	52.00	4.82	4.15	1.38	51.47	4.89	4.67	1.40	52.88	5.19	5.18	1.49	58.67	5.69	5.69	1.63	68.92	
		17	6.37	3.66	1.83	84.09	6.33	4.17	1.82	83.24	6.30	4.67	1.81	82.42	6.26	5.17	1.80	81.59	6.24	5.67	1.79	81.05	
		19	-	-	-	-	7.97	4.19	2.31	126.82	7.93	4.70	2.30	125.55	7.87	5.19	2.27	122.51	7.84	5.69	2.26	121.89	
		20	-	-	-	-	8.82	4.20	2.54	150.07	8.77	4.70	2.54	149.07	8.74	5.21	2.53	149.02	8.69	5.70	2.52	147.04	
	4	15	4.37	3.42	0.94	26.26	4.41	3.94	0.95	26.71	4.61	4.48	0.99	28.84	5.01	5.01	1.07	33.30	5.51	5.51	1.19	39.50	
		17	5.93	3.45	1.27	44.60	5.89	3.96	1.27	44.16	5.86	4.47	1.26	43.72	5.83	4.97	1.25	43.33	5.89	5.48	1.26	44.14	
		19	-	-	-	-	7.53	3.99	1.62	67.82	7.49	4.49	1.61	67.17	7.45	5.00	1.60	66.54	7.41	5.49	1.59	65.91	
		20	-	-	-	-	8.40	4.00	1.81	82.15	8.36	4.51	1.80	81.38	8.31	5.01	1.79	80.61	8.27	5.51	1.78	79.85	
	5	15	3.86	3.18	0.66	14.45	4.05	3.74	0.70	15.80	4.36	4.29	0.75	17.90	4.81	4.81	0.83	21.11	5.32	5.32	0.91	25.07	
		17	5.43	3.22	0.93	25.91	5.40	3.74	0.93	25.66	5.36	4.24	0.92	25.39	5.41	4.76	0.93	25.77	5.57	5.29	0.96	27.14	
		19	-	-	-	-	7.07	3.77	1.21	41.00	7.04	4.29	1.21	40.86	7.01	4.79	1.21	40.62	6.97	5.29	1.20	40.24	
		20	-	-	-	-	7.96	3.79	1.37	50.76	7.91	4.30	1.36	49.81	7.87	4.80	1.35	49.34	7.82	5.30	1.34	48.89	
	6	15	3.40	2.94	0.49	8.50	3.71	3.52	0.53	9.88	4.11	4.09	0.59	11.82	4.62	4.62	0.66	14.42	5.13	5.13	0.73	17.14	
		17	4.89	2.98	0.70	15.84	4.85	3.49	0.70	15.66	4.88	4.02	0.70	15.84	5.03	4.55	0.72	16.56	5.28	5.10	0.76	18.05	
		19	-	-	-	-	6.57	3.55	0.94	26.19	6.53	4.06	0.93	25.94	6.49	4.56	0.93	25.68	6.46	5.06	0.92	25.43	
		20	-	-	-	-	7.47	3.57	1.07	32.93	7.43	4.08	1.07	32.62	7.39	4.59	1.06	32.32	7.35	5.09	1.06	32.02	
7	3	15	3.71	3.11	1.07	32.79	3.83	3.65	1.11	34.67	4.18	4.17	1.21	40.31	4.68	4.68	1.34	48.51	5.18	5.18	1.49	58.35	
		17	5.24	3.13	1.51	59.12	5.21	3.65	1.50	58.66	5.18	4.15	1.50	58.32	5.18	4.66	1.49	58.24	5.30	5.18	1.53	60.45	
		19	-	-	-	-	6.85	3.67	1.99	96.19	6.81	4.18	1.98	95.23	6.77	4.68	1.95	92.85	6.73	5.17	1.94	91.92	
		20	-	-	-	-	7.72	3.68	2.25	118.86	7.67	4.18	2.21	115.87	7.62	4.69	2.20	114.71	7.58	5.19	2.19	113.57	
	4	15	3.28	2.90	0.71	16.02	3.54	3.45	0.76	18.13	3.99	3.99	0.86	22.24	4.50	4.50	0.97	27.38	5.01	5.01	1.08	33.25	
		17	4.76	2.92	1.03	30.39	4.73	3.43	1.02	30.08	4.71	3.94	1.02	29.91	4.82	4.47	1.04	31.13	5.07	5.00	1.10	33.96	
		19	-	-	-	-	6.39	3.46	1.38	50.79	6.35	3.97	1.38	50.29	6.32	4.48	1.37	49.79	6.28	4.98	1.36	49.28	
		20	-	-	-	-	7.26	3.48	1.57	63.47	7.22	3.99	1.57	62.94	7.18	4.49	1.56	62.34	7.14	4.99	1.55	61.75	
	5	15	2.89	2.67	0.50	8.68	3.28	3.25	0.56	10.82	3.79	3.79	0.65	13.84	4.31	4.31	0.74	17.31	4.82	4.82	0.83	20.89	
		17	4.19	2.67	0.72	16.44	4.17	3.19	0.72	16.30	4.28	3.73	0.74	17.04	4.50	4.28	0.77	18.55	4.84	4.82	0.83	21.07	
		19	-	-	-	-	5.88	3.25	1.02	29.66	5.85	3.76	1.01	29.36	5.85	4.49	1.05	31.40	5.80	4.77	1.00	28.92	
		20	-	-	-	-	6.76	3.26	1.16	37.48	6.72	3.77	1.16	37.11	6.68	4.28	1.15	36.74	6.65	4.78	1.14	36.39	
	6	15	2.53	2.44	0.36	4.95	3.03	3.03	0.43	6.91	3.58	3.58	0.51	9.14	4.10	4.10	0.59	11.57	4.62	4.62	0.66	14.18	
		17	3.51	2.39	0.50	8.83	3.63	2.95	0.52	9.34	3.88	3.52	0.56	10.47	4.21	4.08	0.60	12.06	4.63	4.63	0.66	14.22	
		19	-	-	-	-	5.31	3.00	0.76	17.96	5.27	3.52	0.76	17.77	5.25	4.03	0.75	17.65	5.34	4.55	0.77	18.18	
		20	-	-	-	-	6.23	3.04	0.90	23.75	6.19	3.55	0.89	23.52	6.16	4.05	0.89	23.29	6.12	4.56	0.88	23.04	
9	3	15	2.71	2.61	0.78	18.51	3.15	3.15	0.90	24.02	3.67	3.67	1.06	31.70	4.17	4.17	1.20	39.18	4.68	4.68	1.36	48.46	
		17	4.01	2.60	1.15	36.60	3.98	3.11	1.15	36.13	4.03	3.63	1.16	36.86	4.24	4.17	1.22	40.30	4.68	4.68	1.36	48.59	
		19	-	-	-	-	5.64	3.14	1.63	66.45	5.61	3.65	1.62	65.74	5.57	4.15	1.61	65.05	5.54	4.65	1.60	64.48	
		20	-	-	-	-	6.52	3.15	1.90	86.94	6.47	3.66	1.87	84.71	6.43	4.17	1.86	83.83	6.40	4.67	1.85	82.97	
	4	15	2.43	2.41	0.52	9.39	2.95	2.95	0.64	13.21	3.48	3.48	0.75	17.34	3.99	3.99	0.86	22.04	4.50	4.50	0.97	27.26	
		17	3.44	2.36	0.74	17.03	3.48	2.89	0.75	17.38	3.68	3.45	0.79	19.18	4.01	3.99	0.87	22.26	4.51	4.51	0.98	27.33	
		19	-	-	-	-	5.13	2.93	1.10	33.83	5.10	3.44	1.10	33.47	5.06	3.94	1.09	33.09	5.10	4.46	1.10	33.53	
		20	-	-	-	-	6.02	2.95	1.31	45.22	5.99	3.46	1.30	44.76	5.95	3.97	1.29	44.30	5.92	4.47	1.28	43.84	
	5	15	2.17	2.17	0.37	5.26	2.73	2.73	0.47	7.81	3.27	3.27	0.56	10.60	3.80	3.80	0.65	13.67	4.31	4.31	0.74	17.01	
		17	2.80	2.10	0.48	8.09	3.04	2.67	0.52	9.32	3.37	3.25	0.58	11.16	3.80	3.80	0.65	13.71	4.32	4.32	0.74	17.05	
		19	-	-	-	-	4.55	2.69	0.78	18.59	4.51	3.20	0.78	18.36	4.55	3.73	0.78	18.65	4.71	4.27	0.81	19.81	
		20	-	-	-	-	5.46	2.72	0.94	25.51	5.43	3.23	0.93	25.24	5.39	3.74	0.93	24.97	5.37	4.25	0.93	24.83	
	6	15	1.94	1.94	0.28	2.63	2.49	2.49	0.36	4.81	3.05	3.05	0.44	6.88	3.59	3.59	0.52	9.07	4.12	4.12	0.59	11.45	
		17	2.21	1.83	0.32	3.72	2.63	2.45	0.38	5.34	3.09	3.04	0.44	7.02	3.60	3.59	0.52	9.09	4.12	4.12	0.59	11.48	
		19	-	-	-	-	3.86	2.42	0.55	10.22	3.90	2.96	0.56	10.43	4.10	3.51	0.59	11.33	4.37	4.07	0.63	12.67	
		20	-	-	-	-	4.83	2.47	0.69	15.01	4.80	2.99	0.69	14.85	4.78	3.50	0.69	14.75	4.88	4.03	0.70	15.30	

(Continued)

NFD-V600-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	2.10	2.10	0.60	11.64	2.63	2.63	0.75	17.15	3.15	3.15	0.90	23.44	3.66	3.66	1.05	30.43	4.17	4.17	1.20	38.66	
		17	2.66	2.05	0.76	17.52	2.83	2.60	0.81	19.45	3.16	3.15	0.90	23.60	3.67	3.67	1.05	30.51	4.18	4.18	1.20	38.76	
		19	-	-	-	-	4.35	2.61	1.25	41.56	4.32	3.12	1.24	41.07	4.31	3.63	1.24	40.87	4.43	4.16	1.27	42.86	
		20	-	-	-	-	5.22	2.62	1.49	56.48	5.18	3.13	1.48	55.85	5.15	3.64	1.47	55.24	5.12	4.15	1.47	55.02	
	4	15	1.87	1.87	0.40	5.87	2.42	2.42	0.52	9.11	2.96	2.96	0.63	12.80	3.48	3.48	0.75	16.92	3.99	3.99	0.86	21.44	
		17	2.14	1.82	0.46	7.35	2.50	2.40	0.54	9.61	2.96	2.95	0.63	12.81	3.48	3.48	0.75	16.96	4.00	4.00	0.86	21.50	
		19	-	-	-	-	3.74	2.37	0.80	19.16	3.74	2.90	0.80	19.10	3.87	3.44	0.83	20.34	4.13	3.98	0.88	22.70	
		20	-	-	-	-	4.66	2.40	1.00	28.01	4.63	2.92	0.99	27.67	4.59	3.43	0.98	27.32	4.64	3.95	1.00	27.82	
	5	15	1.63	1.63	0.28	2.77	2.20	2.20	0.38	5.30	2.75	2.75	0.47	7.77	3.28	3.28	0.57	10.51	3.80	3.80	0.65	13.41	
		17	1.72	1.59	0.30	3.17	2.21	2.19	0.38	5.38	2.75	2.75	0.47	7.79	3.29	3.29	0.57	10.54	3.81	3.81	0.65	13.45	
		19	-	-	-	-	3.05	2.11	0.53	9.23	3.23	2.68	0.56	10.18	3.51	3.25	0.60	11.77	3.87	3.80	0.66	13.80	
		20	-	-	-	-	4.00	2.15	0.69	14.60	3.97	2.67	0.68	14.39	4.04	3.21	0.70	14.99	4.23	3.75	0.73	16.21	
	6	15	1.43	1.43	0.21	1.23	1.95	1.95	0.28	2.78	2.52	2.52	0.36	4.88	3.07	3.07	0.44	6.79	3.60	3.60	0.52	8.93	
		17	1.46	1.41	0.21	1.28	1.95	1.95	0.28	2.79	2.52	2.52	0.36	4.89	3.07	3.07	0.44	6.80	3.61	3.61	0.52	8.95	
		19	-	-	-	-	2.38	1.84	0.34	4.38	2.76	2.45	0.39	5.67	3.18	3.04	0.45	7.20	3.63	3.61	0.52	9.03	
		20	-	-	-	-	3.19	1.86	0.46	7.22	3.29	2.41	0.47	7.61	3.54	2.98	0.51	8.64	3.85	3.56	0.55	10.01	
	13	3	15	1.56	1.56	0.45	7.01	2.10	2.10	0.60	11.67	2.63	2.63	0.76	17.16	3.15	3.15	0.91	23.40	3.66	3.66	1.04	29.97
			17	1.60	1.55	0.46	7.29	2.11	2.10	0.60	11.69	2.64	2.64	0.76	17.21	3.15	3.15	0.91	23.46	3.66	3.66	1.05	30.05
			19	-	-	-	-	2.89	2.06	0.83	20.18	2.99	2.60	0.86	21.35	3.24	3.15	0.93	24.58	3.67	3.66	1.05	30.09
			20	-	-	-	-	3.80	2.08	1.08	31.94	3.77	2.59	1.08	31.51	3.77	3.11	1.08	31.54	3.91	3.64	1.12	33.74
4		15	1.31	1.31	0.28	2.90	1.88	1.88	0.40	5.83	2.43	2.43	0.52	9.01	2.96	2.96	0.63	12.63	3.48	3.48	0.75	16.86	
		17	1.31	1.31	0.28	2.90	1.88	1.88	0.40	5.85	2.43	2.43	0.52	9.03	2.96	2.96	0.64	12.66	3.49	3.49	0.75	16.90	
		19	-	-	-	-	2.28	1.82	0.49	8.04	2.59	2.40	0.56	10.07	2.99	2.96	0.64	12.84	3.49	3.49	0.75	16.95	
		20	-	-	-	-	3.11	1.83	0.67	13.75	3.13	2.36	0.67	13.88	3.33	2.92	0.72	15.58	3.61	3.47	0.78	17.98	
5		15	1.11	1.11	0.19	1.03	1.64	1.64	0.28	2.86	2.21	2.21	0.38	5.23	2.76	2.76	0.47	7.62	3.29	3.29	0.56	10.30	
		17	1.11	1.11	0.19	1.04	1.64	1.64	0.28	2.87	2.21	2.21	0.38	5.24	2.76	2.76	0.47	7.64	3.29	3.29	0.56	10.33	
		19	-	-	-	-	1.78	1.58	0.30	3.49	2.27	2.19	0.39	5.46	2.76	2.76	0.47	7.66	3.30	3.30	0.57	10.35	
		20	-	-	-	-	2.29	1.54	0.39	5.53	2.58	2.13	0.44	6.81	2.94	2.72	0.50	8.51	3.34	3.29	0.57	10.60	
6		15	0.86	0.86	0.12	0.60	1.44	1.44	0.21	1.25	1.96	1.96	0.28	2.88	2.53	2.53	0.36	4.83	3.08	3.08	0.44	6.74	
		17	0.86	0.86	0.12	0.60	1.44	1.44	0.21	1.25	1.96	1.96	0.28	2.89	2.53	2.53	0.36	4.84	3.08	3.08	0.44	6.75	
		19	-	-	-	-	1.48	1.40	0.21	1.36	1.97	1.96	0.28	2.92	2.54	2.54	0.36	4.85	3.09	3.09	0.44	6.77	
		20	-	-	-	-	1.67	1.29	0.24	1.88	2.11	1.90	0.30	3.44	2.61	2.51	0.37	5.08	3.10	3.09	0.44	6.81	
15	3	15	0.99	0.99	0.28	2.93	1.56	1.56	0.45	6.83	2.10	2.10	0.60	11.35	2.63	2.63	0.76	16.92	3.14	3.14	0.90	22.72	
		17	0.99	0.99	0.28	2.94	1.56	1.56	0.45	6.85	2.10	2.10	0.60	11.38	2.63	2.63	0.76	16.96	3.15	3.15	0.90	22.77	
		19	-	-	-	-	1.64	1.54	0.47	7.42	2.10	2.10	0.60	11.38	2.64	2.64	0.76	17.01	3.15	3.15	0.90	22.84	
		20	-	-	-	-	2.17	1.50	0.62	11.97	2.36	2.07	0.67	13.86	2.69	2.63	0.77	17.59	3.15	3.15	0.90	22.84	
	4	15	0.78	0.78	0.17	0.82	1.32	1.32	0.28	2.96	1.89	1.89	0.41	5.80	2.43	2.43	0.52	8.92	2.96	2.96	0.64	12.62	
		17	0.78	0.78	0.17	0.82	1.32	1.32	0.28	2.97	1.89	1.89	0.41	5.81	2.44	2.44	0.52	8.94	2.97	2.97	0.64	12.65	
		19	-	-	-	-	1.33	1.32	0.28	3.00	1.90	1.89	0.41	5.82	2.44	2.44	0.52	8.96	2.97	2.97	0.64	12.68	
		20	-	-	-	-	1.54	1.26	0.33	4.06	1.99	1.87	0.43	6.30	2.45	2.44	0.53	9.01	2.98	2.98	0.64	12.70	
	5	15	0.50	0.50	0.09	0.41	1.12	1.12	0.19	1.08	1.65	1.65	0.28	3.03	2.22	2.22	0.38	5.25	2.77	2.77	0.48	7.62	
		17	0.50	0.50	0.09	0.41	1.12	1.12	0.19	1.08	1.65	1.65	0.28	3.04	2.23	2.23	0.38	5.27	2.77	2.77	0.48	7.64	
		19	-	-	-	-	1.12	1.11	0.19	1.08	1.66	1.66	0.29	3.05	2.23	2.23	0.38	5.28	2.78	2.78	0.48	7.66	
		20	-	-	-	-	1.17	1.07	0.20	1.23	1.67	1.65	0.29	3.11	2.23	2.22	0.38	5.27	2.78	2.78	0.48	7.67	
	6	15	-	-	-	-	0.87	0.87	0.12	0.58	1.44	1.44	0.21	1.32	1.98	1.98	0.28	3.03	2.55	2.55	0.37	4.85	
		17	-	-	-	-	0.87	0.87	0.13	0.59	1.44	1.44	0.21	1.33	1.98	1.98	0.28	3.04	2.55	2.55	0.37	4.86	
		19	-	-	-	-	0.87	0.87	0.13	0.59	1.44	1.44	0.21	1.33	1.99	1.99	0.29	3.05	2.56	2.56	0.37	4.87	
		20	-	-	-	-	0.88	0.86	0.13	0.59	1.44	1.44	0.21	1.33	1.99	1.99	0.29	3.06	2.56	2.56	0.37	4.88	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V800-3-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	6.69	5.03	1.91	54.65	6.65	5.74	1.90	54.09	6.76	6.47	1.94	55.69	7.19	7.19	2.08	62.93	7.88	7.88	2.28	73.97
		17	8.81	5.07	2.55	89.98	8.76	5.78	2.53	88.81	8.70	6.47	2.50	86.88	8.66	7.17	2.48	86.04	8.62	7.86	2.48	85.48
		19	-	-	-	-	11.01	5.79	3.17	132.04	10.95	6.50	3.16	130.78	10.90	7.19	3.14	129.55	10.84	7.88	3.13	128.63
		20	-	-	-	-	12.21	5.80	3.52	158.45	12.14	6.51	3.50	157.02	12.08	7.21	3.48	155.57	12.02	7.90	3.47	154.18
	4	15	6.01	4.72	1.29	27.43	6.08	5.45	1.30	27.96	6.36	6.20	1.36	30.31	6.93	6.93	1.49	35.15	7.62	7.62	1.64	41.51
		17	8.17	4.77	1.75	46.79	8.13	5.48	1.74	46.34	8.08	6.18	1.74	45.89	8.04	6.88	1.73	45.49	8.13	7.59	1.75	46.43
		19	-	-	-	-	10.40	5.51	2.24	71.37	10.35	6.21	2.22	70.71	10.29	6.91	2.21	70.05	10.24	7.60	2.20	69.40
		20	-	-	-	-	11.62	5.53	2.51	87.53	11.56	6.24	2.50	86.73	11.49	6.93	2.47	84.96	11.43	7.62	2.46	84.19
	5	15	5.32	4.39	0.92	15.22	5.57	5.16	0.96	16.49	6.01	5.93	1.04	18.78	6.65	6.65	1.14	22.23	7.36	7.36	1.26	26.43
		17	7.47	4.44	1.28	27.06	7.43	5.16	1.27	26.80	7.38	5.86	1.27	26.52	7.45	6.58	1.28	26.98	7.70	7.33	1.33	28.76
		19	-	-	-	-	9.75	5.21	1.67	42.99	9.70	5.92	1.67	42.58	9.65	6.62	1.66	42.19	9.59	7.31	1.65	41.80
		20	-	-	-	-	10.97	5.23	1.89	52.80	10.91	5.94	1.87	52.30	10.86	6.64	1.87	52.01	10.81	7.34	1.86	51.60
	6	15	4.66	4.05	0.67	8.83	5.10	4.86	0.73	10.30	5.67	5.65	0.81	12.39	6.38	6.38	0.92	15.15	7.08	7.08	1.01	18.03
		17	6.71	4.10	0.96	16.47	6.66	4.82	0.96	16.29	6.71	5.54	0.96	16.49	6.92	6.29	0.99	17.30	7.29	7.05	1.04	18.92
		19	-	-	-	-	9.03	4.89	1.29	27.35	8.98	5.60	1.29	27.10	8.94	6.30	1.28	26.84	8.89	6.99	1.27	26.58
		20	-	-	-	-	10.29	4.93	1.48	34.48	10.23	5.64	1.47	34.16	10.18	6.34	1.46	33.84	10.12	7.03	1.45	33.53
7	3	15	5.11	4.30	1.48	34.31	5.29	5.05	1.53	36.42	5.78	5.77	1.66	41.98	6.49	6.49	1.87	51.71	7.18	7.18	2.07	61.41
		17	7.24	4.33	2.09	62.63	7.19	5.04	2.07	61.58	7.15	5.75	2.06	60.85	7.14	6.45	2.05	60.79	7.34	7.17	2.11	63.84
		19	-	-	-	-	9.47	5.07	2.75	101.42	9.42	5.78	2.74	100.41	9.37	6.48	2.72	99.44	9.32	7.17	2.71	98.46
		20	-	-	-	-	10.66	5.08	3.09	123.81	10.60	5.78	3.09	123.84	10.56	6.50	3.07	123.02	10.50	7.19	3.06	121.84
	4	15	4.50	4.00	0.97	16.56	4.89	4.78	1.05	19.01	5.51	5.51	1.19	23.42	6.23	6.23	1.35	29.18	6.93	6.93	1.50	35.10
		17	6.55	4.03	1.42	31.78	6.51	4.74	1.41	31.45	6.49	5.45	1.40	31.31	6.65	6.19	1.44	32.66	7.00	6.92	1.51	35.55
		19	-	-	-	-	8.81	4.78	1.91	53.32	8.77	5.49	1.90	52.81	8.72	6.19	1.89	52.30	8.67	6.89	1.88	51.78
		20	-	-	-	-	10.01	4.79	2.16	66.06	9.96	5.50	2.15	65.43	9.90	6.21	2.14	64.80	9.85	6.90	2.13	64.32
	5	15	3.96	3.69	0.68	9.04	4.52	4.49	0.78	11.33	5.23	5.23	0.90	14.55	5.95	5.95	1.02	18.13	6.66	6.66	1.15	22.01
		17	5.75	3.69	0.99	17.10	5.72	4.40	0.99	16.95	5.87	5.15	1.01	17.68	6.20	5.92	1.07	19.42	6.69	6.67	1.15	22.16
		19	-	-	-	-	8.10	4.48	1.40	31.02	8.05	5.19	1.39	30.71	8.02	6.19	1.42	31.60	7.99	6.59	1.38	30.27
		20	-	-	-	-	9.31	4.49	1.60	39.25	9.26	5.21	1.59	38.87	9.21	5.91	1.59	38.50	9.16	6.61	1.58	38.13
	6	15	3.47	3.36	0.50	5.19	4.18	4.17	0.60	7.22	4.93	4.93	0.71	9.58	5.67	5.67	0.81	12.15	6.39	6.39	0.92	14.91
		17	4.80	3.29	0.69	9.12	4.97	4.06	0.71	9.68	5.32	4.85	0.76	10.90	5.80	5.64	0.83	12.62	6.40	6.40	0.92	14.94
		19	-	-	-	-	7.29	4.14	1.05	18.70	7.24	4.85	1.04	18.51	7.22	5.56	1.04	18.40	7.35	6.29	1.05	18.97
		20	-	-	-	-	8.56	4.18	1.23	24.78	8.51	4.89	1.23	24.54	8.47	5.60	1.22	24.30	8.41	6.30	1.21	24.04
9	3	15	3.73	3.60	1.07	19.39	4.35	4.35	1.25	25.31	5.07	5.07	1.46	32.97	5.78	5.78	1.67	41.99	6.48	6.48	1.88	51.14
		17	5.53	3.59	1.59	38.32	5.49	4.30	1.58	37.84	5.56	5.03	1.60	38.67	5.87	5.78	1.70	43.08	6.49	6.49	1.87	51.13
		19	-	-	-	-	7.80	4.34	2.27	71.04	7.74	5.05	2.23	69.15	7.70	5.75	2.22	68.45	7.65	6.45	2.20	67.69
		20	-	-	-	-	9.01	4.36	2.62	91.60	8.96	5.07	2.60	90.68	8.91	5.77	2.59	89.75	8.85	6.47	2.57	88.82
	4	15	3.35	3.32	0.72	9.82	4.08	4.08	0.88	13.86	4.80	4.80	1.04	18.28	5.52	5.52	1.20	23.36	6.22	6.22	1.34	28.45
		17	4.73	3.26	1.02	17.74	4.79	4.00	1.03	18.14	5.07	4.76	1.09	20.06	5.55	5.53	1.20	23.55	6.23	6.23	1.34	28.53
		19	-	-	-	-	7.06	4.04	1.52	35.40	7.02	4.75	1.51	35.03	6.97	5.45	1.50	34.63	7.03	6.17	1.51	35.14
		20	-	-	-	-	8.29	4.06	1.79	46.82	8.25	4.78	1.79	46.77	8.21	5.48	1.78	46.46	8.16	6.18	1.77	45.99
	5	15	2.99	2.99	0.51	5.51	3.77	3.77	0.65	8.17	4.52	4.52	0.78	11.12	5.25	5.25	0.91	14.45	5.96	5.96	1.03	17.90
		17	3.83	2.89	0.66	8.36	4.17	3.69	0.72	9.68	4.64	4.49	0.80	11.66	5.25	5.25	0.91	14.47	5.97	5.97	1.03	17.95
		19	-	-	-	-	6.24	3.71	1.07	19.35	6.20	4.42	1.07	19.11	6.26	5.15	1.08	19.44	6.49	5.90	1.12	20.72
		20	-	-	-	-	7.51	3.74	1.29	26.63	7.46	4.46	1.29	26.34	7.42	5.17	1.28	26.07	7.39	5.87	1.27	25.93
	6	15	2.66	2.66	0.38	2.80	3.43	3.43	0.49	5.06	4.21	4.21	0.60	7.20	4.95	4.95	0.71	9.51	5.68	5.68	0.82	12.03
		17	3.02	2.52	0.43	3.88	3.61	3.37	0.52	5.55	4.25	4.20	0.61	7.33	4.96	4.96	0.71	9.53	5.69	5.69	0.82	12.05
		19	-	-	-	-	5.28	3.33	0.76	10.56	5.35	4.08	0.77	10.80	5.62	4.85	0.81	11.78	6.01	5.63	0.86	13.23
		20	-	-	-	-	6.62	3.40	0.95	15.58	6.58	4.11	0.94	15.41	6.56	4.83	0.94	15.32	6.70	5.57	0.96	15.93

(Continued)

NFD-V800-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	2.89	2.89	0.83	12.21	3.63	3.63	1.04	18.05	4.35	4.35	1.24	24.71	5.07	5.07	1.45	32.12	5.78	5.78	1.66	40.87	
		17	3.66	2.83	1.04	18.23	3.89	3.60	1.11	20.33	4.37	4.36	1.25	24.84	5.07	5.07	1.45	32.20	5.78	5.78	1.66	40.97	
		19	-	-	-	-	5.98	3.60	1.71	42.82	5.95	4.32	1.71	42.88	5.94	5.03	1.71	42.88	6.10	5.76	1.74	44.39	
		20	-	-	-	-	7.20	3.62	2.06	59.28	7.15	4.33	2.05	58.65	7.11	5.04	2.03	58.01	7.06	5.74	2.02	57.31	
	4	15	2.58	2.58	0.55	6.13	3.34	3.34	0.72	9.55	4.08	4.08	0.87	13.45	4.81	4.81	1.03	17.80	5.52	5.52	1.18	22.61	
		17	2.93	2.50	0.63	7.61	3.44	3.32	0.74	10.03	4.09	4.08	0.87	13.46	4.81	4.81	1.03	17.85	5.53	5.53	1.18	22.66	
		19	-	-	-	-	5.14	3.27	1.10	19.92	5.13	4.00	1.10	19.88	5.33	4.75	1.14	21.25	5.69	5.51	1.22	23.83	
		20	-	-	-	-	6.41	3.31	1.38	29.28	6.37	4.03	1.37	28.94	6.32	4.73	1.36	28.58	6.39	5.46	1.37	29.15	
	5	15	2.23	2.23	0.38	2.95	3.02	3.02	0.52	5.54	3.79	3.79	0.65	8.14	4.53	4.53	0.78	11.04	5.25	5.25	0.90	14.11	
		17	2.34	2.18	0.40	3.33	3.05	3.02	0.52	5.60	3.80	3.80	0.65	8.15	4.54	4.54	0.78	11.06	5.26	5.26	0.90	14.14	
		19	-	-	-	-	4.17	2.91	0.72	9.52	4.42	3.69	0.76	10.56	4.83	4.48	0.83	12.28	5.33	5.25	0.91	14.47	
		20	-	-	-	-	5.50	2.97	0.95	15.36	5.46	3.69	0.94	15.13	5.55	4.43	0.96	15.58	5.82	5.19	1.00	16.92	
	6	15	1.96	1.96	0.28	1.29	2.68	2.68	0.38	2.96	3.45	3.45	0.49	5.05	4.23	4.23	0.60	7.11	4.97	4.97	0.71	9.37	
		17	1.99	1.93	0.29	1.34	2.68	2.67	0.38	2.96	3.46	3.46	0.50	5.06	4.23	4.23	0.61	7.12	4.98	4.98	0.71	9.39	
		19	-	-	-	-	3.24	2.53	0.47	4.52	3.78	3.38	0.54	5.88	4.37	4.20	0.62	7.51	5.00	4.98	0.72	9.46	
		20	-	-	-	-	4.35	2.55	0.62	7.43	4.49	3.32	0.64	7.85	4.85	4.12	0.69	8.96	5.30	4.91	0.76	10.43	
13	3	15	2.15	2.15	0.62	7.33	2.90	2.90	0.83	12.26	3.64	3.64	1.05	18.06	4.36	4.36	1.25	24.68	5.06	5.06	1.45	31.65	
		17	2.20	2.14	0.63	7.59	2.91	2.90	0.84	12.28	3.64	3.64	1.05	18.11	4.36	4.36	1.25	24.74	5.07	5.07	1.45	31.73	
		19	-	-	-	-	3.97	2.84	1.14	20.98	4.11	3.59	1.18	22.29	4.47	4.35	1.29	25.81	5.07	5.07	1.45	31.79	
		20	-	-	-	-	5.22	2.86	1.49	33.39	5.18	3.58	1.48	32.94	5.19	4.30	1.48	33.02	5.40	5.04	1.54	35.42	
	4	15	1.80	1.80	0.39	3.08	2.59	2.59	0.56	6.10	3.35	3.35	0.72	9.45	4.09	4.09	0.88	13.28	4.81	4.81	1.04	17.76	
		17	1.80	1.79	0.39	3.07	2.60	2.60	0.56	6.11	3.36	3.36	0.72	9.47	4.09	4.09	0.88	13.31	4.82	4.82	1.04	17.80	
		19	-	-	-	-	3.11	2.50	0.67	8.32	3.57	3.31	0.76	10.50	4.12	4.09	0.88	13.47	4.83	4.83	1.04	17.85	
		20	-	-	-	-	4.26	2.52	0.91	14.25	4.31	3.26	0.93	14.64	4.57	4.03	0.99	16.24	4.98	4.80	1.07	18.84	
	5	15	1.51	1.51	0.26	1.08	2.24	2.24	0.38	3.04	3.04	3.04	0.52	5.46	3.80	3.80	0.65	7.99	4.54	4.54	0.78	10.82	
		17	1.51	1.51	0.26	1.08	2.25	2.25	0.39	3.04	3.04	3.04	0.52	5.47	3.81	3.81	0.65	8.01	4.54	4.54	0.78	10.84	
		19	-	-	-	-	2.43	2.17	0.42	3.64	3.11	3.02	0.53	5.68	3.81	3.81	0.65	8.02	4.55	4.55	0.78	10.87	
		20	-	-	-	-	3.11	2.12	0.53	5.67	3.54	2.94	0.61	7.05	4.04	3.75	0.69	8.86	4.61	4.54	0.79	11.10	
	6	15	1.17	1.17	0.17	0.61	1.96	1.96	0.28	1.32	2.69	2.69	0.39	3.06	3.48	3.48	0.50	5.04	4.25	4.25	0.61	7.06	
		17	1.17	1.17	0.17	0.61	1.96	1.96	0.28	1.32	2.70	2.70	0.39	3.06	3.49	3.49	0.50	5.06	4.25	4.25	0.61	7.07	
		19	-	-	-	-	2.02	1.91	0.29	1.42	2.70	2.70	0.39	3.09	3.49	3.49	0.50	5.07	4.26	4.26	0.61	7.09	
		20	-	-	-	-	2.26	1.77	0.32	1.95	2.89	2.62	0.41	3.59	3.58	3.46	0.51	5.28	4.27	4.26	0.61	7.12	
15	3	15	1.36	1.36	0.39	3.11	2.15	2.15	0.61	7.15	2.90	2.90	0.83	11.93	3.64	3.64	1.05	17.81	4.35	4.35	1.24	23.96	
		17	1.36	1.36	0.39	3.12	2.15	2.15	0.61	7.16	2.91	2.91	0.83	11.96	3.64	3.64	1.05	17.85	4.35	4.35	1.24	24.02	
		19	-	-	-	-	2.25	2.13	0.64	7.73	2.90	2.90	0.83	11.95	3.65	3.65	1.05	17.90	4.36	4.36	1.25	24.08	
		20	-	-	-	-	2.97	2.07	0.85	12.37	3.26	2.86	0.94	14.70	3.71	3.64	1.07	18.45	4.36	4.36	1.25	24.09	
	4	15	1.06	1.06	0.23	0.84	1.81	1.81	0.39	3.14	2.61	2.61	0.56	6.07	3.37	3.37	0.73	9.47	4.10	4.10	0.88	13.27	
		17	1.06	1.06	0.23	0.84	1.81	1.81	0.39	3.15	2.61	2.61	0.56	6.08	3.37	3.37	0.73	9.49	4.10	4.10	0.88	13.30	
		19	-	-	-	-	1.82	1.81	0.39	3.17	2.61	2.61	0.56	6.09	3.38	3.38	0.73	9.52	4.11	4.11	0.89	13.34	
		20	-	-	-	-	2.10	1.73	0.45	4.19	2.73	2.58	0.58	6.55	3.38	3.38	0.73	9.56	4.11	4.11	0.89	13.35	
	5	15	0.68	0.68	0.12	0.41	1.53	1.53	0.26	1.14	2.27	2.27	0.39	3.21	3.06	3.06	0.53	5.49	3.82	3.82	0.66	7.99	
		17	0.68	0.68	0.12	0.41	1.53	1.53	0.26	1.14	2.27	2.27	0.39	3.22	3.07	3.07	0.53	5.51	3.82	3.82	0.66	8.01	
		19	-	-	-	-	1.53	1.52	0.26	1.14	2.27	2.27	0.39	3.23	3.07	3.07	0.53	5.52	3.83	3.83	0.66	8.03	
		20	-	-	-	-	1.59	1.46	0.27	1.28	2.29	2.27	0.39	3.27	3.07	3.07	0.53	5.52	3.83	3.83	0.66	8.04	
	6	15	-	-	-	-	1.19	1.19	0.17	0.59	1.97	1.97	0.28	1.40	2.72	2.72	0.39	3.20	3.51	3.51	0.50	5.07	
		17	-	-	-	-	1.19	1.19	0.17	0.59	1.97	1.97	0.28	1.40	2.72	2.72	0.39	3.21	3.52	3.52	0.51	5.08	
		19	-	-	-	-	1.19	1.19	0.17	0.59	1.97	1.97	0.28	1.41	2.73	2.73	0.39	3.22	3.52	3.52	0.51	5.09	
		20	-	-	-	-	1.20	1.18	0.17	0.60	1.97	1.97	0.28	1.41	2.73	2.73	0.39	3.23	3.53	3.53	0.51	5.10	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-3-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	7.50	5.68	2.17	73.67	7.44	6.48	2.13	71.53	7.60	7.32	2.20	75.41	8.14	8.13	2.34	83.94	8.94	8.94	2.59	100.52
		17	9.89	5.70	2.85	118.54	9.85	6.52	2.84	118.05	9.79	7.30	2.84	117.83	9.76	8.12	2.83	117.28	9.73	8.92	2.82	116.59
		19	-	-	-	-	12.41	6.53	3.58	177.29	12.35	7.34	3.56	175.79	12.29	8.14	3.55	174.27	12.24	8.93	3.53	172.85
		20	-	-	-	-	13.78	6.54	3.97	212.93	13.71	7.35	3.96	211.15	13.64	8.15	3.94	209.36	13.58	8.95	3.92	207.57
	4	15	6.69	5.30	1.44	35.92	6.78	6.14	1.45	36.70	7.14	7.00	1.53	40.20	7.82	7.82	1.68	47.17	8.63	8.63	1.86	56.44
		17	9.15	5.35	1.98	62.50	9.10	6.17	1.97	61.94	9.06	6.97	1.96	61.39	9.01	7.78	1.95	60.88	9.14	8.59	1.97	62.35
		19	-	-	-	-	11.70	6.20	2.54	96.50	11.63	7.00	2.50	94.31	11.57	7.80	2.49	93.51	11.51	8.60	2.48	92.70
		20	-	-	-	-	13.05	6.20	2.81	115.72	12.99	7.01	2.80	114.76	12.94	7.82	2.80	114.81	12.88	8.62	2.79	114.15
	5	15	5.89	4.93	1.01	19.67	6.19	5.79	1.06	21.27	6.72	6.67	1.15	24.56	7.50	7.50	1.29	29.91	8.31	8.31	1.43	35.67
		17	8.33	4.98	1.44	35.77	8.29	5.79	1.43	35.45	8.24	6.60	1.42	35.10	8.33	7.43	1.44	35.76	8.62	8.27	1.49	38.03
		19	-	-	-	-	10.91	5.84	1.88	57.03	10.86	6.65	1.87	56.54	10.80	7.45	1.86	55.78	10.74	8.25	1.85	55.30
		20	-	-	-	-	12.30	5.86	2.12	70.57	12.24	6.67	2.11	69.98	12.17	7.47	2.10	69.04	12.11	8.27	2.09	68.46
	6	15	5.14	4.54	0.74	11.34	5.67	5.45	0.81	13.45	6.35	6.34	0.91	16.31	7.16	7.16	1.02	19.94	7.97	7.97	1.14	23.99
		17	7.40	4.57	1.06	21.07	7.36	5.39	1.05	20.85	7.42	6.22	1.06	21.15	7.70	7.08	1.10	22.57	8.15	7.95	1.17	24.91
		19	-	-	-	-	10.05	5.46	1.44	35.74	10.01	6.27	1.43	35.54	9.97	7.09	1.43	35.45	9.92	7.88	1.42	35.13
		20	-	-	-	-	11.48	5.50	1.65	45.26	11.42	6.31	1.64	44.87	11.36	7.12	1.63	44.49	11.31	7.92	1.62	44.12
7	3	15	5.68	4.84	1.63	44.26	5.91	5.69	1.70	47.51	6.53	6.53	1.88	56.89	7.34	7.34	2.13	70.31	8.14	8.14	2.36	84.33
		17	8.12	4.88	2.36	83.91	8.08	5.69	2.34	83.12	8.01	6.49	2.31	80.98	8.01	7.30	2.31	80.98	8.29	8.14	2.41	87.01
		19	-	-	-	-	10.65	5.71	3.09	134.71	10.60	6.53	3.08	134.44	10.55	7.33	3.08	133.77	10.48	8.12	3.03	130.47
		20	-	-	-	-	12.03	5.73	3.51	168.57	11.96	6.54	3.49	167.07	11.90	7.34	3.47	165.60	11.85	8.14	3.46	164.16
	4	15	4.99	4.49	1.07	21.38	5.46	5.37	1.18	25.03	6.22	6.22	1.34	31.58	7.02	7.02	1.51	38.63	7.83	7.83	1.70	47.16
		17	7.29	4.51	1.58	41.58	7.25	5.33	1.57	41.18	7.23	6.15	1.56	41.01	7.44	6.99	1.61	43.08	7.89	7.83	1.71	47.78
		19	-	-	-	-	9.86	5.37	2.13	70.34	9.81	6.18	2.12	69.71	9.76	6.98	2.11	68.94	9.70	7.78	2.09	67.87
		20	-	-	-	-	11.23	5.38	2.42	87.85	11.17	6.19	2.41	87.07	11.12	7.00	2.40	86.32	11.06	7.80	2.39	85.57
	5	15	4.39	4.13	0.76	11.68	5.06	5.04	0.87	14.90	5.87	5.87	1.01	19.24	6.70	6.70	1.15	24.11	7.51	7.51	1.30	29.63
		17	6.35	4.11	1.09	21.96	6.32	4.94	1.09	21.78	6.52	5.79	1.12	22.99	6.92	6.66	1.19	25.53	7.53	7.52	1.30	29.76
		19	-	-	-	-	9.00	5.00	1.55	40.14	8.95	5.81	1.54	39.77	8.96	7.33	1.59	24.10	8.88	7.43	1.53	39.25
		20	-	-	-	-	10.39	5.02	1.79	51.58	10.34	5.84	1.78	51.13	10.30	6.65	1.78	51.14	10.25	7.45	1.77	50.76
	6	15	3.85	3.75	0.55	6.81	4.66	4.66	0.67	9.46	5.52	5.52	0.79	12.62	6.36	6.36	0.91	16.08	7.18	7.18	1.03	19.86
		17	5.27	3.67	0.76	11.62	5.47	4.55	0.78	12.40	5.90	5.45	0.85	14.12	6.47	6.34	0.93	16.57	7.19	7.19	1.03	19.89
		19	-	-	-	-	8.08	4.62	1.16	24.32	8.03	5.43	1.16	24.09	8.00	6.25	1.15	23.94	8.17	7.09	1.17	24.80
		20	-	-	-	-	9.49	4.65	1.36	31.95	9.44	5.46	1.35	31.66	9.39	6.27	1.35	31.37	9.33	7.08	1.34	31.05
9	3	15	4.16	4.05	1.20	25.47	4.90	4.90	1.41	33.78	5.72	5.72	1.66	44.86	6.53	6.53	1.88	55.74	7.33	7.33	2.11	68.33
		17	6.17	4.03	1.79	51.12	6.14	4.85	1.78	50.62	6.21	5.68	1.79	51.11	6.60	6.53	1.90	56.77	7.34	7.34	2.11	68.49
		19	-	-	-	-	8.75	4.88	2.54	94.33	8.70	5.70	2.53	93.63	8.66	6.51	2.52	92.77	8.60	7.31	2.50	91.80
		20	-	-	-	-	10.11	4.89	2.92	120.67	10.05	5.71	2.91	119.51	10.00	6.52	2.89	118.39	9.95	7.32	2.88	117.60
	4	15	3.74	3.72	0.80	12.84	4.57	4.57	0.99	18.23	5.40	5.40	1.17	24.44	6.21	6.21	1.34	30.85	7.02	7.02	1.51	38.15
		17	5.24	3.65	1.13	23.13	5.31	4.49	1.15	23.67	5.66	5.37	1.23	26.46	6.23	6.22	1.34	30.99	7.03	7.03	1.52	38.23
		19	-	-	-	-	7.88	4.53	1.70	46.76	7.84	5.35	1.70	46.60	7.79	6.15	1.69	46.08	7.86	6.98	1.70	46.79
		20	-	-	-	-	9.26	4.54	2.00	61.73	9.21	5.36	1.99	61.15	9.16	6.17	1.98	60.56	9.11	6.97	1.96	59.99
	5	15	3.33	3.33	0.57	7.21	4.21	4.21	0.73	10.73	5.06	5.06	0.87	14.75	5.89	5.89	1.01	19.06	6.71	6.71	1.16	23.84
		17	4.20	3.22	0.72	10.63	4.60	4.13	0.79	12.46	5.18	5.04	0.89	15.30	5.90	5.89	1.02	19.08	6.72	6.72	1.16	23.89
		19	-	-	-	-	6.90	4.14	1.19	25.02	6.86	4.96	1.18	24.72	6.94	5.79	1.19	25.22	7.23	6.65	1.25	27.15
		20	-	-	-	-	8.34	4.18	1.44	34.85	8.30	5.00	1.43	34.52	8.25	5.81	1.42	34.19	8.23	6.62	1.42	34.01
	6	15	2.91	2.91	0.42	3.87	3.82	3.82	0.55	6.64	4.70	4.70	0.67	9.44	5.55	5.55	0.80	12.54	6.38	6.38	0.92	15.92
		17	3.29	2.80	0.47	5.07	3.99	3.77	0.57	7.15	4.73	4.70	0.68	9.55	5.56	5.56	0.80	12.56	6.39	6.39	0.92	15.95
		19	-	-	-	-	5.80	3.71	0.83	13.47	5.88	4.56	0.84	13.80	6.21	5.45	0.89	15.19	6.69	6.33	0.96	17.25
		20	-	-	-	-	7.30	3.78	1.05	20.03	7.26	4.60	1.04	19.83	7.23	5.42	1.04	19.71	7.42	6.27	1.06	20.61

(Continued)

NFD-V1000-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.24	3.24	0.92	16.11	4.08	4.08	1.16	23.99	4.90	4.90	1.40	32.99	5.72	5.72	1.63	43.12	6.53	6.53	1.88	55.05	
		17	4.04	3.17	1.15	23.53	4.33	4.05	1.24	26.60	4.91	4.91	1.40	33.07	5.73	5.73	1.64	43.22	6.54	6.54	1.88	55.04	
		19	-	-	-	-	6.66	4.04	1.91	56.29	6.62	4.86	1.89	55.69	6.61	5.68	1.89	55.53	6.84	6.51	1.96	59.00	
		20	-	-	-	-	8.05	4.06	2.31	78.59	8.01	4.88	2.29	77.77	7.96	5.69	2.28	76.95	7.91	6.49	2.27	76.08	
	4	15	2.87	2.87	0.62	8.01	3.74	3.74	0.80	12.57	4.58	4.58	0.98	17.80	5.41	5.41	1.16	23.70	6.22	6.22	1.34	30.34	
		17	3.22	2.80	0.69	9.73	3.83	3.72	0.82	13.06	4.58	4.58	0.98	17.82	5.42	5.42	1.16	23.75	6.23	6.23	1.34	30.41	
		19	-	-	-	-	5.68	3.66	1.22	25.78	5.68	4.49	1.22	25.73	5.93	5.35	1.27	27.75	6.38	6.22	1.37	31.69	
		20	-	-	-	-	7.12	3.70	1.53	38.30	7.08	4.52	1.52	37.90	7.04	5.34	1.52	37.71	7.12	6.16	1.53	38.29	
	5	15	2.46	2.46	0.42	4.06	3.37	3.37	0.58	7.24	4.24	4.24	0.73	10.69	5.08	5.08	0.87	14.45	5.91	5.91	1.02	18.90	
		17	2.56	2.42	0.44	4.44	3.39	3.37	0.58	7.29	4.25	4.25	0.73	10.72	5.08	5.08	0.87	14.48	5.92	5.92	1.02	18.95	
		19	-	-	-	-	4.56	3.25	0.79	12.09	4.86	4.13	0.83	13.37	5.36	5.04	0.92	15.97	5.98	5.92	1.03	19.25	
		20	-	-	-	-	6.07	3.31	1.05	19.71	6.02	4.13	1.04	19.44	6.13	4.98	1.06	20.08	6.46	5.84	1.11	22.01	
	6	15	2.12	2.12	0.30	1.71	2.95	2.95	0.42	4.08	3.86	3.86	0.55	6.60	4.73	4.73	0.68	9.33	5.57	5.57	0.80	12.36	
		17	2.14	2.10	0.31	1.76	2.95	2.95	0.42	4.08	3.86	3.86	0.55	6.61	4.73	4.73	0.68	9.35	5.58	5.58	0.80	12.39	
		19	-	-	-	-	3.53	2.82	0.50	5.65	4.17	3.78	0.60	7.53	4.85	4.70	0.69	9.74	5.59	5.58	0.80	12.44	
		20	-	-	-	-	4.75	2.84	0.68	9.38	4.92	3.71	0.70	9.95	5.35	4.62	0.76	11.49	5.88	5.52	0.84	13.54	
13	3	15	2.40	2.40	0.69	9.60	3.26	3.26	0.94	16.21	4.09	4.09	1.18	24.03	4.91	4.91	1.40	32.57	5.72	5.72	1.64	42.84	
		17	2.44	2.39	0.70	9.85	3.26	3.26	0.94	16.24	4.09	4.09	1.18	24.08	4.91	4.91	1.40	32.65	5.73	5.73	1.64	42.94	
		19	-	-	-	-	4.37	3.18	1.25	26.79	4.54	4.03	1.30	28.48	5.00	4.91	1.43	33.69	5.74	5.73	1.65	43.03	
		20	-	-	-	-	5.82	3.21	1.68	44.43	5.77	4.03	1.66	43.45	5.78	4.86	1.66	43.56	6.05	5.71	1.74	47.54	
	4	15	1.99	1.99	0.43	4.20	2.89	2.89	0.62	7.98	3.75	3.75	0.80	12.45	4.60	4.60	0.99	17.81	5.42	5.42	1.17	23.67	
		17	1.99	1.98	0.43	4.19	2.89	2.89	0.62	7.99	3.76	3.76	0.81	12.48	4.60	4.60	0.99	17.85	5.42	5.42	1.17	23.72	
		19	-	-	-	-	3.42	2.80	0.73	10.59	3.95	3.71	0.85	13.60	4.62	4.60	1.00	17.98	5.43	5.43	1.17	23.78	
		20	-	-	-	-	4.71	2.82	1.01	18.53	4.74	3.66	1.02	18.75	5.07	4.54	1.09	21.07	5.57	5.41	1.20	24.80	
	5	15	1.63	1.63	0.28	1.42	2.48	2.48	0.43	4.14	3.39	3.39	0.58	7.14	4.25	4.25	0.73	10.51	5.10	5.10	0.88	14.45	
		17	1.64	1.64	0.28	1.42	2.48	2.48	0.43	4.15	3.39	3.39	0.58	7.15	4.26	4.26	0.73	10.53	5.10	5.10	0.88	14.48	
		19	-	-	-	-	2.66	2.42	0.46	4.74	3.45	3.38	0.59	7.36	4.26	4.25	0.73	10.54	5.11	5.11	0.88	14.51	
		20	-	-	-	-	3.39	2.36	0.58	7.12	3.88	3.29	0.67	8.98	4.48	4.21	0.77	11.47	5.15	5.10	0.89	14.72	
	6	15	1.25	1.25	0.18	0.71	2.12	2.12	0.30	1.77	2.98	2.98	0.43	4.15	3.89	3.89	0.56	6.59	4.76	4.76	0.68	9.35	
		17	1.25	1.25	0.18	0.71	2.12	2.12	0.30	1.78	2.98	2.98	0.43	4.16	3.89	3.89	0.56	6.60	4.76	4.76	0.68	9.37	
		19	-	-	-	-	2.16	2.09	0.31	1.87	2.99	2.99	0.43	4.17	3.90	3.90	0.56	6.62	4.77	4.77	0.68	9.40	
		20	-	-	-	-	2.40	1.95	0.34	2.49	3.18	2.92	0.45	4.67	3.97	3.87	0.57	6.83	4.77	4.77	0.69	9.41	
15	3	15	1.50	1.50	0.43	4.20	2.40	2.40	0.69	9.37	3.26	3.26	0.94	16.03	4.09	4.09	1.17	23.37	4.90	4.90	1.40	32.11	
		17	1.50	1.50	0.43	4.21	2.41	2.41	0.69	9.39	3.27	3.27	0.94	16.06	4.09	4.09	1.17	23.42	4.91	4.91	1.40	32.19	
		19	-	-	-	-	2.49	2.38	0.71	9.99	3.26	3.25	0.94	16.04	4.10	4.10	1.17	23.48	4.92	4.92	1.41	32.26	
		20	-	-	-	-	3.28	2.33	0.94	16.14	3.60	3.21	1.04	18.99	4.14	4.09	1.18	23.97	4.92	4.92	1.41	32.29	
	4	15	1.15	1.15	0.25	1.05	2.01	2.01	0.43	4.22	2.91	2.91	0.62	7.94	3.77	3.77	0.81	12.49	4.60	4.60	0.99	17.41	
		17	1.15	1.15	0.25	1.05	2.01	2.01	0.43	4.23	2.91	2.91	0.62	7.95	3.77	3.77	0.81	12.52	4.60	4.60	0.99	17.45	
		19	-	-	-	-	2.01	2.01	0.43	4.24	2.91	2.91	0.62	7.97	3.78	3.78	0.81	12.55	4.61	4.61	0.99	17.49	
		20	-	-	-	-	2.29	1.93	0.49	5.30	3.02	2.88	0.65	8.46	3.78	3.78	0.82	12.57	4.61	4.61	0.99	17.51	
	5	15	0.73	0.73	0.13	0.48	1.65	1.65	0.28	1.52	2.52	2.52	0.43	4.28	3.42	3.42	0.59	7.19	4.27	4.27	0.74	10.53	
		17	0.73	0.73	0.13	0.48	1.65	1.65	0.28	1.52	2.52	2.52	0.43	4.29	3.42	3.42	0.59	7.20	4.28	4.28	0.74	10.55	
		19	-	-	-	-	1.65	1.64	0.28	1.52	2.53	2.53	0.44	4.29	3.43	3.43	0.59	7.22	4.28	4.28	0.74	10.58	
		20	-	-	-	-	1.70	1.60	0.29	1.66	2.54	2.52	0.44	4.33	3.43	3.42	0.59	7.22	4.29	4.29	0.74	10.59	
	6	15	-	-	-	-	1.28	1.28	0.18	0.69	2.13	2.13	0.31	1.90	3.02	3.02	0.43	4.26	3.92	3.92	0.56	6.63	
		17	-	-	-	-	1.28	1.28	0.18	0.69	2.14	2.14	0.31	1.90	3.03	3.03	0.43	4.27	3.92	3.92	0.56	6.64	
		19	-	-	-	-	1.28	1.28	0.18	0.69	2.14	2.14	0.31	1.90	3.03	3.03	0.44	4.28	3.93	3.93	0.56	6.66	
		20	-	-	-	-	1.28	1.27	0.18	0.69	2.14	2.13	0.31	1.90	3.03	3.03	0.44	4.28	3.93	3.93	0.56	6.66	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1200-3-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	9.02	6.79	2.59	81.22	8.97	7.75	2.57	80.44	9.11	8.73	2.61	82.62	9.70	9.70	2.81	93.70	10.64	10.64	3.07	109.65
		17	11.86	6.82	3.42	132.26	11.80	7.78	3.40	131.08	11.74	8.73	3.38	129.88	11.69	9.67	3.37	128.74	11.64	10.62	3.36	128.47
		19	-	-	-	-	14.85	7.80	4.28	196.58	14.77	8.76	4.26	194.88	14.70	9.70	4.24	193.18	14.63	10.64	4.22	191.60
		20	-	-	-	-	16.45	7.81	4.75	235.69	16.38	8.77	4.72	233.70	16.30	9.72	4.70	231.74	16.22	10.66	4.68	229.88
	4	15	8.16	6.38	1.75	40.95	8.21	7.37	1.76	41.45	8.59	8.37	1.84	44.85	9.35	9.35	2.01	52.17	10.30	10.30	2.23	62.23
		17	11.03	6.43	2.37	69.42	10.98	7.39	2.36	68.83	10.92	8.34	2.35	68.22	10.86	9.29	2.34	67.59	10.97	10.25	2.36	68.81
		19	-	-	-	-	14.04	7.42	3.02	106.29	13.98	8.38	3.02	106.20	13.92	9.34	3.02	105.76	13.86	10.28	3.00	104.87
		20	-	-	-	-	15.66	7.44	3.38	129.10	15.59	8.40	3.36	128.01	15.51	9.35	3.35	126.92	15.45	10.30	3.34	126.57
	5	15	7.23	5.95	1.24	22.47	7.54	6.98	1.29	24.18	8.12	8.01	1.39	27.50	9.00	9.00	1.55	33.15	9.95	9.95	1.72	39.47
		17	10.15	6.02	1.75	40.78	10.10	6.99	1.74	40.42	10.04	7.94	1.73	40.03	10.10	8.91	1.74	40.43	10.39	9.90	1.78	42.20
		19	-	-	-	-	13.18	7.03	2.27	63.93	13.12	7.99	2.26	63.39	13.07	8.95	2.25	63.16	13.00	9.89	2.24	62.63
		20	-	-	-	-	14.81	7.05	2.55	78.46	14.74	8.01	2.54	77.81	14.67	8.97	2.52	77.15	14.60	9.91	2.51	76.51
	6	15	6.42	5.54	0.92	13.41	6.95	6.61	1.00	15.42	7.68	7.65	1.10	18.19	8.63	8.63	1.23	22.23	9.58	9.58	1.37	26.66
		17	9.14	5.58	1.31	24.52	9.10	6.54	1.30	24.29	9.11	7.52	1.30	24.39	9.39	8.53	1.34	25.67	9.86	9.55	1.41	28.00
		19	-	-	-	-	12.28	6.63	1.76	41.16	12.22	7.59	1.76	40.81	12.16	8.54	1.75	40.46	12.08	9.48	1.73	39.73
		20	-	-	-	-	13.93	6.66	2.00	51.30	13.87	7.62	1.99	50.88	13.80	8.58	1.98	50.45	13.73	9.52	1.97	50.04
7	3	15	6.90	5.81	2.00	50.92	7.11	6.80	2.05	53.04	7.79	7.79	2.25	62.69	8.75	8.75	2.52	76.32	9.69	9.69	2.79	91.51
		17	9.75	5.83	2.81	92.46	9.70	6.80	2.80	91.58	9.65	7.75	2.78	90.71	9.63	8.71	2.78	90.42	9.91	9.69	2.88	96.42
		19	-	-	-	-	12.77	6.84	3.73	151.65	12.71	7.79	3.71	150.33	12.64	8.75	3.69	149.03	12.57	9.68	3.64	145.50
		20	-	-	-	-	14.38	6.84	4.20	186.87	14.31	7.81	4.18	185.33	14.24	8.76	4.16	183.76	14.17	9.70	4.14	182.20
	4	15	6.10	5.41	1.31	24.43	6.60	6.45	1.42	28.06	7.45	7.45	1.61	34.95	8.41	8.41	1.82	43.16	9.36	9.36	2.03	52.04
		17	8.86	5.44	1.92	47.23	8.81	6.41	1.91	46.78	8.77	7.37	1.90	46.44	8.97	8.36	1.94	48.30	9.45	9.35	2.05	53.00
		19	-	-	-	-	11.90	6.45	2.57	78.91	11.83	7.41	2.56	77.98	11.77	8.36	2.54	77.10	11.70	9.30	2.53	76.34
		20	-	-	-	-	13.51	6.46	2.92	98.42	13.46	7.43	2.92	98.48	13.40	8.39	2.91	97.88	13.34	9.34	2.90	97.02
	5	15	5.41	5.02	0.93	13.52	6.14	6.09	1.06	16.85	7.08	7.08	1.22	21.45	8.05	8.05	1.39	27.02	9.00	9.00	1.55	32.54
		17	7.83	5.00	1.35	25.51	7.79	5.97	1.34	25.25	7.97	6.98	1.37	26.36	8.39	8.01	1.45	29.01	9.04	9.01	1.56	32.78
		19	-	-	-	-	10.96	6.05	1.90	46.13	10.91	7.01	1.89	45.73	10.79	8.84	1.93	26.30	10.81	8.92	1.87	45.00
		20	-	-	-	-	12.59	6.07	2.17	58.35	12.53	7.03	2.16	57.85	12.47	7.99	2.15	57.34	12.40	8.93	2.14	56.84
	6	15	4.80	4.61	0.69	8.04	5.70	5.69	0.82	10.76	6.69	6.69	0.96	14.19	7.68	7.68	1.10	18.02	8.65	8.65	1.24	22.12
		17	6.68	4.52	0.96	14.12	6.82	5.53	0.98	14.61	7.25	6.59	1.04	16.28	7.87	7.64	1.13	18.79	8.66	8.66	1.24	22.18
		19	-	-	-	-	9.92	5.61	1.42	27.90	9.88	6.58	1.42	27.90	9.83	7.54	1.41	27.64	9.95	8.52	1.43	28.07
		20	-	-	-	-	11.60	5.65	1.66	36.62	11.54	6.62	1.66	36.30	11.48	7.58	1.65	35.98	11.42	8.53	1.64	35.64
9	3	15	5.04	4.87	1.46	29.09	5.86	5.86	1.69	37.35	6.84	6.84	1.98	49.49	7.80	7.80	2.26	62.32	8.74	8.74	2.53	75.97
		17	7.46	4.84	2.15	56.94	7.42	5.81	2.13	56.29	7.48	6.79	2.16	57.23	7.90	7.79	2.27	62.93	8.75	8.75	2.53	76.04
		19	-	-	-	-	10.51	5.85	3.05	104.93	10.46	6.81	3.05	104.88	10.41	7.77	3.03	103.87	10.35	8.71	3.01	102.80
		20	-	-	-	-	12.14	5.86	3.53	135.83	12.07	6.83	3.51	134.60	12.01	7.78	3.49	133.17	11.95	8.73	3.47	132.13
	4	15	4.54	4.49	0.98	14.53	5.50	5.50	1.19	20.31	6.49	6.49	1.40	27.12	7.45	7.45	1.60	34.15	8.41	8.41	1.82	42.60
		17	6.45	4.42	1.40	26.83	6.49	5.41	1.41	27.12	6.84	6.43	1.47	29.47	7.48	7.45	1.61	34.43	8.42	8.42	1.82	42.70
		19	-	-	-	-	9.57	5.46	2.07	53.36	9.52	6.42	2.06	52.85	9.46	7.38	2.05	52.27	9.50	8.34	2.06	52.75
		20	-	-	-	-	11.19	5.47	2.42	69.62	11.13	6.44	2.40	68.97	11.07	7.40	2.39	68.33	11.01	8.35	2.38	67.71
	5	15	4.09	4.09	0.70	8.27	5.12	5.12	0.88	12.10	6.11	6.11	1.05	16.42	7.09	7.09	1.22	21.22	8.05	8.05	1.39	26.47
		17	5.28	3.95	0.91	12.75	5.69	5.01	0.98	14.56	6.29	6.07	1.08	17.27	7.10	7.10	1.22	21.27	8.06	8.06	1.39	26.53
		19	-	-	-	-	8.49	5.02	1.46	28.92	8.43	5.99	1.45	28.61	8.48	6.97	1.46	28.87	8.77	7.98	1.51	30.66
		20	-	-	-	-	10.20	5.07	1.76	40.11	10.14	6.04	1.76	39.73	10.09	7.00	1.75	39.36	10.03	7.95	1.74	39.01
	6	15	3.63	3.63	0.52	4.92	4.70	4.70	0.67	7.63	5.72	5.72	0.82	10.68	6.72	6.72	0.96	14.07	7.69	7.69	1.10	17.77
		17	4.26	3.48	0.61	6.45	4.99	4.62	0.72	8.45	5.80	5.70	0.83	10.92	6.72	6.72	0.96	14.09	7.70	7.70	1.11	17.81
		19	-	-	-	-	7.29	4.56	1.05	16.14	7.32	5.55	1.05	16.28	7.65	6.58	1.10	17.56	8.15	7.62	1.17	19.62
		20	-	-	-	-	9.04	4.62	1.30	23.44	8.99	5.59	1.29	23.21	8.94	6.56	1.28	22.98	9.10	7.55	1.31	23.71

(Continued)

NFD-V1200-3-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.91	3.91	1.11	17.99	4.90	4.90	1.40	26.63	5.87	5.87	1.68	36.73	6.83	6.83	1.95	47.57	7.79	7.79	2.23	59.86	
		17	4.96	3.82	1.42	27.26	5.25	4.85	1.50	29.97	5.89	5.88	1.69	36.93	6.84	6.84	1.96	47.68	7.80	7.80	2.23	60.00	
		19	-	-	-	-	8.09	4.86	2.33	64.74	8.04	5.83	2.32	64.06	7.99	6.78	2.29	62.54	8.23	7.78	2.37	66.84	
		20	-	-	-	-	9.72	4.88	2.80	89.20	9.67	5.85	2.79	88.87	9.62	6.81	2.78	87.99	9.55	7.76	2.76	87.00	
	4	15	3.51	3.51	0.75	9.11	4.52	4.52	0.97	14.09	5.51	5.51	1.18	19.83	6.49	6.49	1.40	26.43	7.45	7.45	1.60	33.61	
		17	4.02	3.41	0.86	11.49	4.67	4.49	1.00	14.87	5.52	5.51	1.18	19.84	6.50	6.50	1.40	26.48	7.46	7.46	1.60	33.68	
		19	-	-	-	-	6.99	4.44	1.50	29.95	6.96	5.41	1.49	29.70	7.20	6.42	1.55	31.64	7.69	7.44	1.66	35.64	
		20	-	-	-	-	8.66	4.47	1.86	43.42	8.61	5.44	1.85	42.97	8.55	6.40	1.83	42.47	8.62	7.37	1.85	43.06	
	5	15	3.07	3.07	0.53	4.98	4.13	4.13	0.71	8.26	5.14	5.14	0.89	12.04	6.14	6.14	1.06	16.30	7.11	7.11	1.23	21.03	
		17	3.27	3.00	0.56	5.54	4.17	4.12	0.72	8.40	5.15	5.15	0.89	12.06	6.14	6.14	1.06	16.34	7.12	7.12	1.23	21.07	
		19	-	-	-	-	5.71	3.96	0.98	14.26	6.03	5.01	1.04	15.79	6.55	6.07	1.13	18.22	7.22	7.10	1.24	21.59	
		20	-	-	-	-	7.51	4.04	1.29	23.08	7.46	5.01	1.29	22.79	7.53	6.00	1.30	23.20	7.87	7.02	1.36	25.05	
	6	15	2.58	2.58	0.37	2.38	3.68	3.68	0.53	4.96	4.73	4.73	0.68	7.55	5.75	5.75	0.82	10.54	6.74	6.74	0.96	13.85	
		17	2.62	2.55	0.38	2.48	3.68	3.68	0.53	4.97	4.73	4.73	0.68	7.57	5.75	5.75	0.82	10.56	6.74	6.74	0.96	13.88	
		19	-	-	-	-	4.55	3.49	0.65	7.06	5.22	4.61	0.75	8.92	5.95	5.70	0.85	11.20	6.78	6.74	0.97	14.01	
		20	-	-	-	-	6.10	3.53	0.87	11.64	6.20	4.54	0.89	11.97	6.63	5.60	0.95	13.44	7.21	6.66	1.04	15.66	
13	3	15	2.91	2.91	0.84	10.83	3.92	3.92	1.13	18.06	4.90	4.90	1.41	26.51	5.87	5.87	1.68	36.02	6.84	6.84	1.97	47.59	
		17	2.98	2.90	0.86	11.28	3.92	3.92	1.13	18.08	4.91	4.91	1.41	26.55	5.88	5.88	1.68	36.10	6.84	6.84	1.97	47.70	
		19	-	-	-	-	5.36	3.83	1.53	30.66	5.52	4.84	1.58	32.37	6.02	5.86	1.72	37.60	6.85	6.84	1.97	47.77	
		20	-	-	-	-	7.05	3.86	2.02	49.59	7.00	4.83	2.00	49.01	6.99	5.81	2.00	48.88	7.27	6.81	2.08	52.38	
	4	15	2.48	2.48	0.53	5.01	3.52	3.52	0.75	9.04	4.53	4.53	0.97	13.94	5.53	5.53	1.19	19.81	6.50	6.50	1.40	26.23	
		17	2.48	2.48	0.53	5.01	3.53	3.53	0.76	9.06	4.54	4.54	0.97	13.97	5.54	5.54	1.19	19.85	6.50	6.50	1.40	26.29	
		19	-	-	-	-	4.26	3.40	0.91	12.52	4.85	4.48	1.04	15.78	5.58	5.53	1.20	20.12	6.51	6.51	1.40	26.35	
		20	-	-	-	-	5.85	3.43	1.26	21.82	5.85	4.42	1.26	21.82	6.18	5.45	1.33	24.03	6.71	6.47	1.44	27.50	
	5	15	1.99	1.99	0.34	1.96	3.09	3.09	0.53	4.93	4.14	4.14	0.71	8.12	5.15	5.15	0.88	11.81	6.14	6.14	1.06	16.12	
		17	1.99	1.99	0.34	1.96	3.09	3.09	0.53	4.94	4.15	4.15	0.71	8.14	5.16	5.16	0.89	11.84	6.15	6.15	1.06	16.16	
		19	-	-	-	-	3.41	2.99	0.58	5.81	4.26	4.11	0.73	8.52	5.16	5.16	0.89	11.86	6.16	6.16	1.06	16.20	
		20	-	-	-	-	4.37	2.92	0.75	8.88	4.85	4.00	0.83	10.63	5.50	5.08	0.94	13.19	6.25	6.14	1.08	16.58	
	6	15	1.58	1.58	0.23	0.74	2.60	2.60	0.37	2.47	3.71	3.71	0.53	4.92	4.76	4.76	0.68	7.52	5.77	5.77	0.83	10.54	
		17	1.58	1.58	0.23	0.74	2.60	2.60	0.37	2.48	3.71	3.71	0.53	4.93	4.76	4.76	0.68	7.53	5.78	5.78	0.83	10.56	
		19	-	-	-	-	2.68	2.55	0.38	2.66	3.73	3.71	0.53	4.98	4.76	4.76	0.68	7.54	5.79	5.79	0.83	10.59	
		20	-	-	-	-	3.12	2.42	0.45	3.65	4.05	3.60	0.58	5.70	4.91	4.72	0.70	7.95	5.81	5.79	0.83	10.66	
15	3	15	1.87	1.87	0.53	4.93	2.91	2.91	0.83	10.56	3.92	3.92	1.13	17.84	4.90	4.90	1.40	25.89	5.86	5.86	1.68	35.48	
		17	1.87	1.87	0.53	4.94	2.92	2.92	0.83	10.58	3.93	3.93	1.13	17.88	4.90	4.90	1.40	25.95	5.87	5.87	1.68	35.56	
		19	-	-	-	-	3.06	2.88	0.87	11.49	3.93	3.92	1.13	17.87	4.91	4.91	1.40	26.01	5.88	5.88	1.68	35.64	
		20	-	-	-	-	4.08	2.82	1.17	19.05	4.38	3.85	1.25	21.33	4.99	4.90	1.43	26.81	5.88	5.88	1.68	35.65	
	4	15	1.40	1.40	0.30	1.42	2.49	2.49	0.53	4.93	3.54	3.54	0.76	8.98	4.55	4.55	0.98	13.97	5.52	5.52	1.18	19.35	
		17	1.40	1.40	0.30	1.42	2.49	2.49	0.53	4.94	3.54	3.54	0.76	9.00	4.55	4.55	0.98	14.00	5.53	5.53	1.19	19.40	
		19	-	-	-	-	2.51	2.49	0.54	5.01	3.54	3.54	0.76	9.01	4.56	4.56	0.98	14.03	5.54	5.54	1.19	19.44	
		20	-	-	-	-	2.94	2.38	0.63	6.52	3.73	3.50	0.80	9.93	4.58	4.56	0.99	14.11	5.54	5.54	1.19	19.47	
	5	15	0.93	0.93	0.16	0.50	2.01	2.01	0.35	2.11	3.12	3.12	0.54	4.98	4.17	4.17	0.72	8.15	5.17	5.17	0.89	11.81	
		17	0.94	0.94	0.16	0.50	2.01	2.01	0.35	2.12	3.13	3.13	0.54	4.99	4.17	4.17	0.72	8.17	5.18	5.18	0.89	11.83	
		19	-	-	-	-	2.01	2.01	0.35	2.12	3.13	3.13	0.54	5.00	4.18	4.18	0.72	8.18	5.18	5.18	0.89	11.86	
		20	-	-	-	-	2.11	1.95	0.36	2.39	3.17	3.11	0.55	5.11	4.17	4.17	0.72	8.18	5.19	5.19	0.89	11.88	
	6	15	-	-	-	-	1.61	1.61	0.23	0.75	2.63	2.63	0.38	2.62	3.74	3.74	0.54	4.96	4.78	4.78	0.68	7.46	
		17	-	-	-	-	1.61	1.61	0.23	0.75	2.63	2.63	0.38	2.63	3.75	3.75	0.54	4.97	4.78	4.78	0.68	7.48	
		19	-	-	-	-	1.61	1.61	0.23	0.75	2.64	2.64	0.38	2.64	3.75	3.75	0.54	4.98	4.79	4.79	0.69	7.50	
		20	-	-	-	-	1.62	1.59	0.23	0.76	2.64	2.63	0.38	2.63	3.75	3.75	0.54	4.98	4.79	4.79	0.69	7.51	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

Heating Capacity Table (3-row duct)

NFD-V200-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.17	0.23	3.40	1.89	0.20	2.68	1.61	0.17	2.05	1.33	0.14	1.48
	10	1.89	0.16	1.87	1.61	0.14	1.38	1.34	0.12	0.87	1.07	0.09	0.48
	12	1.62	0.12	0.87	1.35	0.10	0.53	1.08	0.08	0.35	0.81	0.06	0.26
	14	1.36	0.08	0.40	1.08	0.07	0.31	0.81	0.05	0.24	0.54	0.03	0.16
	16	1.09	0.06	0.29	0.82	0.04	0.22	0.55	0.03	0.14	0.27	0.01	0.07
45	8	2.85	0.31	5.28	2.56	0.28	4.41	2.28	0.25	3.62	2.01	0.22	2.90
	10	2.58	0.22	3.06	2.29	0.20	2.52	2.01	0.17	2.02	1.74	0.15	1.57
	12	2.30	0.17	1.88	2.02	0.15	1.51	1.74	0.13	1.11	1.47	0.11	0.72
	14	2.03	0.13	1.08	1.75	0.11	0.74	1.48	0.09	0.47	1.21	0.07	0.32
	16	1.77	0.10	0.51	1.49	0.08	0.36	1.22	0.07	0.29	0.95	0.05	0.22
50	8	3.52	0.38	7.47	3.24	0.35	6.45	2.96	0.32	5.51	2.68	0.29	4.64
	10	3.26	0.28	4.48	2.97	0.26	3.83	2.69	0.23	3.23	2.41	0.21	2.68
	12	2.99	0.21	2.84	2.70	0.19	2.40	2.42	0.17	1.99	2.14	0.15	1.62
	14	2.72	0.17	1.87	2.43	0.15	1.56	2.15	0.13	1.26	1.87	0.12	0.93
	16	2.44	0.13	1.24	2.16	0.12	0.94	1.88	0.10	0.66	1.61	0.09	0.43
55	8	4.20	0.45	9.93	3.91	0.42	8.77	3.63	0.39	7.69	3.35	0.36	6.68
	10	3.94	0.34	6.08	3.65	0.32	5.33	3.36	0.29	4.63	3.08	0.27	3.99
	12	3.67	0.26	3.94	3.38	0.24	3.43	3.10	0.22	2.95	2.82	0.20	2.51
	14	3.40	0.21	2.69	3.12	0.19	2.31	2.83	0.17	1.97	2.55	0.16	1.65
	16	3.13	0.17	1.87	2.84	0.15	1.59	2.56	0.14	1.33	2.28	0.12	1.08
60	8	4.88	0.53	12.65	4.59	0.49	11.36	4.30	0.46	10.14	4.02	0.43	9.03
	10	4.62	0.40	7.82	4.33	0.37	6.99	4.04	0.35	6.20	3.75	0.32	5.46
	12	4.35	0.31	5.19	4.06	0.29	4.61	3.77	0.27	4.06	3.49	0.25	3.54
	14	4.08	0.25	3.58	3.79	0.23	3.16	3.51	0.22	2.76	3.23	0.20	2.39
	16	3.81	0.21	2.55	3.53	0.19	2.23	3.24	0.17	1.93	2.96	0.16	1.65

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V300-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.84	0.31	6.42	2.47	0.27	5.07	2.11	0.23	3.87	1.75	0.19	2.82
	10	2.49	0.21	3.54	2.12	0.18	2.70	1.76	0.15	1.96	1.40	0.12	1.16
	12	2.13	0.15	2.00	1.77	0.13	1.30	1.41	0.10	0.71	1.06	0.08	0.42
	14	1.78	0.11	0.84	1.42	0.09	0.51	1.07	0.07	0.37	0.71	0.04	0.25
	16	1.43	0.08	0.45	1.07	0.06	0.34	0.71	0.04	0.23	0.36	0.02	0.11
45	8	3.72	0.40	10.00	3.35	0.36	8.35	2.99	0.32	6.84	2.63	0.28	5.48
	10	3.37	0.29	5.79	3.01	0.26	4.75	2.64	0.23	3.81	2.28	0.20	2.97
	12	3.02	0.22	3.56	2.66	0.19	2.86	2.29	0.17	2.23	1.93	0.14	1.65
	14	2.67	0.16	2.23	2.30	0.14	1.71	1.94	0.12	1.15	1.59	0.10	0.66
	16	2.32	0.13	1.26	1.95	0.11	0.80	1.60	0.09	0.49	1.24	0.07	0.35
50	8	4.61	0.50	14.15	4.23	0.46	12.22	3.86	0.42	10.42	3.50	0.38	8.78
	10	4.26	0.37	8.48	3.89	0.34	7.24	3.52	0.30	6.10	3.16	0.27	5.06
	12	3.91	0.28	5.37	3.54	0.25	4.52	3.17	0.23	3.75	2.81	0.20	3.05
	14	3.56	0.22	3.54	3.19	0.20	2.94	2.83	0.17	2.39	2.46	0.15	1.89
	16	3.21	0.17	2.39	2.84	0.15	1.94	2.47	0.13	1.52	2.11	0.11	1.05
55	8	5.49	0.59	18.93	5.11	0.55	16.71	4.74	0.51	14.65	4.37	0.47	12.65
	10	5.15	0.44	11.52	4.77	0.41	10.09	4.40	0.38	8.76	4.03	0.35	7.53
	12	4.80	0.34	7.46	4.42	0.32	6.48	4.05	0.29	5.57	3.69	0.26	4.73
	14	4.45	0.27	5.07	4.08	0.25	4.36	3.71	0.23	3.71	3.34	0.21	3.10
	16	4.10	0.22	3.52	3.73	0.20	2.99	3.36	0.18	2.51	2.99	0.16	2.06
60	8	6.38	0.69	24.03	5.99	0.65	21.55	5.61	0.60	19.22	5.24	0.57	17.14
	10	6.03	0.52	14.90	5.65	0.49	13.24	5.27	0.45	11.74	4.90	0.42	10.33
	12	5.69	0.41	9.83	5.31	0.38	8.72	4.93	0.35	7.68	4.56	0.33	6.70
	14	5.34	0.33	6.77	4.96	0.31	5.96	4.59	0.28	5.21	4.22	0.26	4.51
	16	4.99	0.27	4.83	4.61	0.25	4.22	4.24	0.23	3.65	3.87	0.21	3.12

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	4.06	0.44	4.51	3.61	0.39	3.70	3.16	0.34	2.95	2.71	0.29	2.26
	10	3.73	0.32	2.70	3.28	0.28	2.16	2.81	0.24	1.66	2.32	0.20	1.17
	12	3.38	0.24	1.69	2.89	0.21	1.26	2.42	0.17	0.81	1.97	0.14	0.47
	14	2.97	0.18	0.92	2.52	0.16	0.59	2.06	0.13	0.37	1.55	0.10	0.26
	16	2.62	0.14	0.46	2.14	0.12	0.32	1.61	0.09	0.24	1.00	0.05	0.15
45	8	5.16	0.56	6.66	4.72	0.51	5.71	4.28	0.46	4.82	3.84	0.41	3.99
	10	4.89	0.42	4.15	4.44	0.38	3.52	3.99	0.34	2.93	3.53	0.30	2.38
	12	4.59	0.33	2.75	4.12	0.30	2.29	3.66	0.26	1.87	3.18	0.23	1.48
	14	4.23	0.26	1.85	3.75	0.23	1.51	3.26	0.20	1.17	2.77	0.17	0.81
	16	3.83	0.21	1.24	3.34	0.18	0.92	2.87	0.16	0.62	2.42	0.13	0.39
50	8	6.25	0.67	9.09	5.81	0.63	8.00	5.37	0.58	6.97	4.93	0.53	6.01
	10	6.00	0.52	5.80	5.56	0.48	5.07	5.11	0.44	4.39	4.66	0.40	3.75
	12	5.73	0.41	3.91	5.27	0.38	3.39	4.82	0.35	2.91	4.37	0.31	2.45
	14	5.43	0.33	2.75	4.96	0.31	2.36	4.50	0.28	2.00	4.03	0.25	1.66
	16	5.10	0.28	1.98	4.62	0.25	1.68	4.14	0.22	1.39	3.64	0.20	1.12
55	8	7.34	0.79	11.79	6.89	0.74	10.56	6.45	0.70	9.40	6.01	0.65	8.31
	10	7.11	0.61	7.60	6.66	0.58	6.79	6.21	0.54	6.02	5.77	0.50	5.29
	12	6.85	0.49	5.20	6.40	0.46	4.62	5.95	0.43	4.07	5.50	0.40	3.56
	14	6.58	0.41	3.74	6.12	0.38	3.31	5.67	0.35	2.90	5.21	0.32	2.51
	16	6.28	0.34	2.76	5.82	0.31	2.42	5.35	0.29	2.10	4.88	0.26	1.80
60	8	8.43	0.91	14.81	7.97	0.86	13.38	7.53	0.81	12.09	7.09	0.76	10.87
	10	8.19	0.71	9.53	7.74	0.67	8.63	7.30	0.63	7.78	6.85	0.59	6.97
	12	7.96	0.57	6.63	7.51	0.54	5.99	7.06	0.51	5.38	6.61	0.48	4.80
	14	7.70	0.47	4.80	7.25	0.45	4.32	6.79	0.42	3.86	6.34	0.39	3.43
	16	7.43	0.40	3.61	6.97	0.38	3.22	6.51	0.35	2.87	6.05	0.33	2.53

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V500-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	4.55	0.49	5.49	4.04	0.44	4.49	3.55	0.38	3.57	3.03	0.33	2.74
	10	4.19	0.36	3.27	3.67	0.32	2.61	3.14	0.27	2.01	2.60	0.22	1.45
	12	3.78	0.27	2.04	3.23	0.23	1.56	2.67	0.19	1.05	2.15	0.16	0.59
	14	3.29	0.20	1.18	2.76	0.17	0.75	2.26	0.14	0.44	1.69	0.10	0.28
	16	2.87	0.16	0.57	2.35	0.13	0.37	1.76	0.09	0.27	1.09	0.06	0.17
45	8	5.80	0.63	8.15	5.30	0.57	6.97	4.80	0.52	5.87	4.30	0.46	4.86
	10	5.48	0.47	5.05	4.97	0.43	4.27	4.46	0.39	3.55	3.95	0.34	2.89
	12	5.13	0.37	3.33	4.61	0.33	2.77	4.09	0.29	2.26	3.56	0.26	1.78
	14	4.73	0.29	2.24	4.19	0.26	1.82	3.64	0.22	1.43	3.07	0.19	1.04
	16	4.28	0.23	1.52	3.71	0.20	1.16	3.16	0.17	0.80	2.64	0.14	0.49
50	8	7.03	0.76	11.15	6.53	0.70	9.80	6.03	0.65	8.54	5.53	0.60	7.36
	10	6.74	0.58	7.08	6.23	0.54	6.19	5.73	0.50	5.35	5.23	0.45	4.57
	12	6.41	0.46	4.75	5.90	0.42	4.12	5.39	0.39	3.53	4.88	0.35	2.98
	14	6.07	0.37	3.33	5.55	0.34	2.86	5.03	0.31	2.42	4.50	0.28	2.00
	16	5.69	0.31	2.40	5.16	0.28	2.03	4.62	0.25	1.68	4.07	0.22	1.36
55	8	8.27	0.89	14.57	7.76	0.84	12.98	7.26	0.78	11.55	6.76	0.73	10.20
	10	7.98	0.69	9.31	7.48	0.65	8.31	6.97	0.60	7.36	6.47	0.56	6.47
	12	7.68	0.55	6.35	7.17	0.52	5.64	6.67	0.48	4.96	6.16	0.44	4.33
	14	7.37	0.45	4.55	6.85	0.42	4.02	6.34	0.39	3.52	5.82	0.36	3.04
	16	7.02	0.38	3.34	6.50	0.35	2.93	5.98	0.32	2.54	5.45	0.29	2.17
60	8	9.49	1.02	18.16	8.98	0.97	16.57	8.48	0.92	14.97	7.98	0.86	13.38
	10	9.22	0.79	11.71	8.71	0.75	10.60	8.20	0.71	9.55	7.70	0.66	8.55
	12	8.94	0.64	8.12	8.43	0.61	7.33	7.92	0.57	6.58	7.41	0.53	5.87
	14	8.64	0.53	5.86	8.12	0.50	5.27	7.61	0.47	4.71	7.10	0.44	4.18
	16	8.32	0.45	4.39	7.81	0.42	3.93	7.29	0.39	3.49	6.77	0.36	3.07

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	5.87	0.64	11.13	5.25	0.57	9.16	4.62	0.50	7.33	3.99	0.43	5.70
	10	5.50	0.47	6.76	4.86	0.42	5.47	4.21	0.36	4.29	3.55	0.31	3.21
	12	5.07	0.37	4.36	4.41	0.32	3.43	3.72	0.27	2.58	3.00	0.22	1.76
	14	4.58	0.28	2.84	3.86	0.24	2.11	3.12	0.19	1.34	2.42	0.15	0.68
	16	3.99	0.22	1.72	3.27	0.18	1.05	2.57	0.14	0.57	1.71	0.09	0.34
45	8	7.40	0.80	16.17	6.78	0.73	13.90	6.16	0.66	11.76	5.55	0.60	9.79
	10	7.07	0.61	10.18	6.44	0.56	8.66	5.81	0.50	7.25	5.18	0.45	5.95
	12	6.70	0.48	6.83	6.06	0.44	5.75	5.41	0.39	4.74	4.77	0.34	3.81
	14	6.29	0.39	4.71	5.63	0.35	3.90	4.96	0.31	3.15	4.27	0.26	2.45
	16	5.83	0.31	3.33	5.14	0.28	2.69	4.43	0.24	2.09	3.68	0.20	1.48
50	8	8.94	0.96	22.06	8.30	0.89	19.33	7.68	0.83	16.88	7.06	0.76	14.59
	10	8.62	0.74	14.09	7.99	0.69	12.35	7.36	0.64	10.72	6.74	0.58	9.20
	12	8.28	0.59	9.58	7.64	0.55	8.34	7.01	0.50	7.19	6.38	0.46	6.10
	14	7.91	0.49	6.82	7.27	0.45	5.89	6.62	0.41	5.02	5.97	0.37	4.21
	16	7.51	0.41	4.99	6.85	0.37	4.26	6.20	0.33	3.60	5.52	0.30	2.96
55	8	10.45	1.13	28.38	9.81	1.06	25.45	9.20	0.99	22.79	8.58	0.93	20.16
	10	10.15	0.88	18.31	9.51	0.82	16.36	8.89	0.77	14.53	8.27	0.71	12.85
	12	9.83	0.71	12.65	9.20	0.66	11.26	8.57	0.62	9.95	7.94	0.57	8.72
	14	9.50	0.59	9.17	8.86	0.55	8.13	8.22	0.51	7.14	7.59	0.47	6.22
	16	9.14	0.49	6.84	8.49	0.46	6.02	7.84	0.42	5.24	7.19	0.39	4.52
60	8	11.96	1.29	35.49	11.35	1.22	32.32	10.70	1.15	29.15	10.07	1.08	26.16
	10	11.68	1.01	23.08	11.04	0.95	20.92	10.41	0.90	18.87	9.79	0.85	16.93
	12	11.38	0.82	16.06	10.74	0.77	14.52	10.11	0.73	13.06	9.48	0.68	11.68
	14	11.06	0.68	11.68	10.42	0.64	10.53	9.78	0.60	9.44	9.15	0.56	8.40
	16	10.72	0.58	8.84	10.08	0.54	7.93	9.44	0.51	7.08	8.80	0.47	6.27

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V800-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	8.14	0.88	11.77	7.27	0.79	9.69	6.40	0.69	7.73	5.52	0.60	6.01
	10	7.60	0.66	7.13	6.71	0.58	5.76	5.82	0.50	4.51	4.90	0.42	3.37
	12	7.01	0.50	4.58	6.08	0.44	3.60	5.13	0.37	2.70	4.12	0.30	1.85
	14	6.31	0.39	2.97	5.31	0.33	2.21	4.28	0.26	1.42	3.31	0.20	0.72
	16	5.47	0.30	1.82	4.47	0.24	1.12	3.51	0.19	0.59	2.33	0.13	0.34
45	8	10.27	1.11	17.16	9.41	1.02	14.80	8.54	0.92	12.45	7.68	0.83	10.36
	10	9.79	0.84	10.76	8.92	0.77	9.15	8.04	0.69	7.66	7.17	0.62	6.28
	12	9.27	0.67	7.21	8.38	0.60	6.06	7.49	0.54	4.99	6.58	0.47	4.00
	14	8.69	0.54	4.96	7.77	0.48	4.10	6.84	0.42	3.30	5.89	0.36	2.56
	16	8.04	0.43	3.49	7.08	0.38	2.82	6.09	0.33	2.19	5.06	0.27	1.56
50	8	12.40	1.34	23.45	11.53	1.25	20.65	10.66	1.15	17.92	9.81	1.06	15.48
	10	11.95	1.03	14.94	11.08	0.96	13.09	10.21	0.88	11.35	9.34	0.81	9.73
	12	11.47	0.82	10.13	10.58	0.76	8.82	9.70	0.70	7.59	8.82	0.63	6.44
	14	10.94	0.67	7.20	10.05	0.62	6.21	9.15	0.56	5.29	8.25	0.51	4.43
	16	10.38	0.56	5.25	9.47	0.51	4.48	8.55	0.46	3.78	7.62	0.41	3.10
55	8	14.52	1.56	30.21	13.63	1.47	27.08	12.77	1.38	24.12	11.91	1.29	21.44
	10	14.09	1.21	19.44	13.21	1.14	17.37	12.34	1.06	15.42	11.47	0.99	13.58
	12	13.64	0.98	13.41	12.75	0.92	11.93	11.87	0.85	10.54	11.00	0.79	9.23
	14	13.16	0.81	9.70	12.27	0.76	8.59	11.38	0.70	7.55	10.50	0.65	6.56
	16	12.64	0.68	7.22	11.74	0.63	6.35	10.85	0.59	5.54	9.94	0.54	4.76
60	8	16.63	1.79	37.82	15.75	1.70	34.35	14.87	1.60	31.05	14.00	1.51	27.86
	10	16.22	1.40	24.55	15.34	1.32	22.25	14.46	1.25	20.07	13.59	1.17	18.00
	12	15.79	1.14	17.06	14.91	1.07	15.42	14.03	1.01	13.86	13.15	0.95	12.39
	14	15.33	0.94	12.38	14.44	0.89	11.16	13.56	0.83	9.99	12.68	0.78	8.89
	16	14.86	0.80	9.35	13.96	0.75	8.39	13.07	0.71	7.48	12.18	0.66	6.62

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	9.36	1.01	16.31	8.35	0.90	13.39	7.35	0.79	10.72	6.33	0.68	8.30
	10	8.71	0.75	9.80	7.68	0.66	7.89	6.64	0.57	6.15	5.58	0.48	4.57
	12	8.00	0.58	6.24	6.93	0.50	4.89	5.84	0.42	3.65	4.69	0.34	2.52
	14	7.18	0.44	4.02	6.04	0.37	3.00	4.83	0.30	2.01	3.66	0.23	1.02
	16	6.21	0.34	2.52	5.00	0.27	1.60	1.57	0.02	0.07	2.57	0.14	0.41
45	8	11.85	1.28	23.93	10.85	1.17	20.50	9.84	1.06	17.32	8.85	0.96	14.46
	10	11.26	0.97	14.91	10.24	0.88	12.65	9.23	0.80	10.56	8.21	0.71	8.63
	12	10.63	0.77	9.91	9.59	0.69	8.31	8.56	0.62	6.83	7.51	0.54	5.46
	14	9.92	0.61	6.77	8.86	0.55	5.58	7.79	0.48	4.48	6.69	0.41	3.46
	16	9.16	0.49	4.74	8.06	0.44	3.81	6.92	0.37	2.95	5.73	0.31	2.15
50	8	14.34	1.55	32.79	13.32	1.44	28.77	12.32	1.33	25.21	11.33	1.22	21.75
	10	13.78	1.19	20.81	12.76	1.10	18.21	11.75	1.02	15.77	10.75	0.93	13.50
	12	13.18	0.95	14.03	12.15	0.87	12.19	11.13	0.80	10.47	10.06	0.73	8.87
	14	12.54	0.77	9.91	11.50	0.71	8.53	10.47	0.65	7.25	9.43	0.58	6.06
	16	11.86	0.64	7.18	10.81	0.58	6.12	9.74	0.53	5.12	8.67	0.47	4.20
55	8	16.82	1.82	42.73	15.79	1.70	38.17	14.79	1.59	33.99	13.79	1.48	29.97
	10	16.26	1.40	27.22	15.25	1.31	24.30	14.24	1.23	21.54	13.23	1.14	18.95
	12	15.72	1.13	18.73	14.69	1.06	16.65	13.67	0.98	14.69	12.65	0.91	12.80
	14	15.12	0.93	13.43	14.09	0.87	11.89	13.06	0.81	10.42	12.04	0.74	9.04
	16	14.49	0.78	9.94	13.43	0.73	8.74	12.41	0.67	7.60	11.37	0.61	6.53
60	8	19.28	2.07	53.24	18.26	1.97	48.60	17.24	1.86	43.71	16.24	1.75	39.40
	10	18.76	1.62	34.43	17.74	1.53	31.12	16.73	1.44	28.16	15.71	1.36	25.24
	12	18.22	1.31	23.77	17.19	1.24	21.46	16.17	1.16	19.28	15.16	1.09	17.27
	14	17.66	1.09	17.23	16.62	1.02	15.51	15.60	0.96	13.88	14.58	0.90	12.33
	16	17.07	0.92	12.94	16.03	0.87	11.61	14.99	0.81	10.33	13.96	0.75	9.13

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V1200-3-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	11.09	1.20	17.73	9.91	1.07	14.58	8.73	0.94	11.70	7.54	0.82	9.09
	10	10.36	0.89	10.70	9.15	0.79	8.64	7.94	0.69	6.76	6.71	0.58	5.07
	12	9.56	0.69	6.87	8.32	0.60	5.41	7.05	0.51	4.08	5.73	0.41	2.86
	14	8.65	0.53	4.46	7.34	0.45	3.38	5.95	0.37	2.37	4.45	0.27	1.36
	16	7.60	0.41	2.88	6.15	0.33	2.01	4.67	0.25	1.09	0.86	0.02	0.06
45	8	14.00	1.51	25.95	12.82	1.38	22.25	11.65	1.26	18.81	10.48	1.13	15.63
	10	13.34	1.15	16.20	12.14	1.05	13.77	10.96	0.95	11.51	9.77	0.84	9.43
	12	12.62	0.91	10.82	11.37	0.82	9.09	10.20	0.73	7.49	8.98	0.65	6.01
	14	11.83	0.73	7.43	10.60	0.65	6.14	9.35	0.58	4.95	8.07	0.50	3.86
	16	10.98	0.59	5.24	9.70	0.52	4.24	8.39	0.45	3.31	7.02	0.38	2.45
50	8	16.91	1.82	35.51	15.72	1.69	31.17	14.55	1.57	27.33	13.38	1.45	23.59
	10	16.28	1.41	22.58	15.09	1.30	19.77	13.91	1.20	17.14	12.73	1.10	14.68
	12	15.61	1.12	15.25	14.41	1.04	13.27	13.21	0.95	11.41	12.02	0.86	9.68
	14	14.89	0.92	10.80	13.68	0.84	9.32	12.46	0.77	7.93	11.25	0.69	6.64
	16	14.13	0.76	7.86	12.89	0.70	6.71	11.65	0.63	5.64	10.39	0.56	4.64
55	8	19.82	2.14	46.25	18.63	2.01	41.44	17.44	1.88	36.81	16.26	1.75	32.47
	10	19.21	1.66	29.61	18.01	1.55	26.34	16.82	1.45	23.36	15.64	1.35	20.56
	12	18.57	1.34	20.33	17.37	1.25	18.08	16.18	1.16	15.96	14.99	1.08	13.97
	14	17.89	1.10	14.56	16.69	1.03	12.93	15.49	0.96	11.35	14.29	0.88	9.86
	16	17.19	0.93	10.83	15.97	0.86	9.53	14.75	0.80	8.31	13.53	0.73	7.15
60	8	22.71	2.44	57.61	21.51	2.32	52.58	20.32	2.19	47.54	19.14	2.06	42.56
	10	22.12	1.91	37.27	20.92	1.80	33.70	19.73	1.70	30.39	18.55	1.60	27.36
	12	21.51	1.55	25.76	20.31	1.46	23.27	19.11	1.37	20.91	17.92	1.29	18.68
	14	20.87	1.29	18.70	19.66	1.21	16.84	18.45	1.14	15.08	17.26	1.06	13.41
	16	20.20	1.09	14.07	18.99	1.02	12.62	17.78	0.96	11.25	16.57	0.89	9.96

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

Cooling Capacity Table (4-row duct)

NFD-V200-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
℃	℃	℃	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	2.02	1.62	0.58	3.94	2.00	1.87	0.57	3.86	2.11	2.11	0.60	4.24	2.36	2.36	0.67	5.11	2.60	2.60	0.75	6.11
		17	2.78	1.63	0.80	6.82	2.76	1.88	0.79	6.74	2.74	2.13	0.79	6.66	2.72	2.37	0.78	6.56	2.69	2.61	0.77	6.46
		19	-	-	-	-	3.55	1.89	1.02	10.38	3.53	2.14	1.01	10.26	3.50	2.38	1.01	10.13	3.48	2.62	1.00	10.01
		20	-	-	-	-	3.97	1.89	1.14	12.57	3.94	2.14	1.13	12.42	3.92	2.38	1.13	12.28	3.89	2.62	1.12	12.13
	4	15	1.71	1.48	0.37	1.30	1.72	1.70	0.37	1.32	1.97	1.97	0.42	1.91	2.21	2.21	0.48	2.60	2.45	2.45	0.53	3.31
		17	2.43	1.48	0.52	3.25	2.41	1.73	0.52	3.20	2.39	1.97	0.51	3.14	2.37	2.21	0.51	3.07	2.45	2.45	0.53	3.32
		19	-	-	-	-	3.22	1.74	0.69	5.34	3.20	1.99	0.69	5.27	3.17	2.23	0.68	5.21	3.15	2.47	0.68	5.15
		20	-	-	-	-	3.64	1.74	0.78	6.59	3.62	1.99	0.78	6.51	3.59	2.23	0.77	6.43	3.57	2.48	0.77	6.35
	5	15	1.42	1.36	0.24	0.63	1.60	1.60	0.27	0.71	1.84	1.84	0.32	0.90	2.08	2.08	0.36	1.22	2.31	2.31	0.40	1.63
		17	2.12	1.34	0.36	1.28	2.10	1.59	0.36	1.26	2.08	1.84	0.36	1.22	2.08	2.07	0.36	1.22	2.31	2.31	0.40	1.64
		19	-	-	-	-	2.86	1.58	0.49	2.84	2.84	1.83	0.49	2.79	2.82	2.07	0.48	2.74	2.80	2.31	0.48	2.69
		20	-	-	-	-	3.29	1.59	0.57	3.75	3.27	1.84	0.56	3.70	3.24	2.08	0.56	3.66	3.22	2.32	0.55	3.61
	6	15	1.23	1.22	0.18	0.44	1.47	1.47	0.21	0.53	1.71	1.71	0.24	0.62	1.95	1.95	0.28	0.72	2.19	2.19	0.31	0.89
		17	1.82	1.22	0.26	0.66	1.81	1.47	0.26	0.65	1.79	1.71	0.26	0.65	1.96	1.96	0.28	0.72	2.19	2.19	0.31	0.89
		19	-	-	-	-	2.54	1.45	0.36	1.31	2.53	1.70	0.36	1.28	2.51	1.94	0.36	1.25	2.48	2.19	0.36	1.23
		20	-	-	-	-	2.93	1.44	0.42	1.93	2.91	1.69	0.42	1.89	2.89	1.93	0.41	1.85	2.87	2.18	0.41	1.82
7	3	15	1.45	1.37	0.42	1.88	1.62	1.62	0.46	2.50	1.86	1.86	0.54	3.40	2.11	2.11	0.61	4.20	2.35	2.35	0.68	5.06
		17	2.20	1.38	0.63	4.52	2.18	1.63	0.63	4.45	2.16	1.87	0.62	4.38	2.14	2.11	0.62	4.32	2.36	2.36	0.68	5.07
		19	-	-	-	-	2.98	1.63	0.85	7.52	2.96	1.88	0.85	7.42	2.94	2.12	0.84	7.33	2.91	2.37	0.83	7.24
		20	-	-	-	-	3.40	1.64	0.97	9.43	3.38	1.88	0.97	9.32	3.35	2.13	0.96	9.20	3.33	2.37	0.95	9.09
	4	15	1.24	1.22	0.27	0.66	1.49	1.49	0.32	0.93	1.72	1.72	0.37	1.39	1.96	1.96	0.42	1.98	2.20	2.20	0.47	2.64
		17	1.85	1.23	0.40	1.70	1.83	1.48	0.39	1.65	1.81	1.72	0.39	1.61	1.97	1.97	0.42	1.99	2.21	2.21	0.47	2.65
		19	-	-	-	-	2.63	1.48	0.57	3.71	2.61	1.73	0.56	3.66	2.59	1.98	0.56	3.61	2.56	2.22	0.55	3.55
		20	-	-	-	-	3.06	1.49	0.66	4.80	3.03	1.74	0.65	4.74	3.01	1.98	0.65	4.68	2.99	2.23	0.64	4.62
	5	15	1.11	1.11	0.19	0.47	1.36	1.36	0.23	0.57	1.60	1.60	0.28	0.70	1.84	1.84	0.32	0.93	2.07	2.07	0.36	1.28
		17	1.55	1.11	0.27	0.66	1.54	1.36	0.27	0.65	1.60	1.58	0.28	0.69	1.84	1.84	0.32	0.94	2.08	2.08	0.36	1.29
		19	-	-	-	-	2.27	1.34	0.39	1.65	2.25	1.59	0.39	1.61	2.22	1.71	0.40	2.40	2.21	2.08	0.38	1.54
		20	-	-	-	-	2.68	1.33	0.46	2.51	2.66	1.58	0.46	2.46	2.64	1.83	0.45	2.42	2.62	2.07	0.45	2.37
	6	15	0.98	0.98	0.14	0.34	1.23	1.23	0.18	0.42	1.47	1.47	0.21	0.51	1.71	1.71	0.25	0.59	1.95	1.95	0.28	0.71
		17	1.23	0.98	0.18	0.42	1.24	1.23	0.18	0.43	1.47	1.47	0.21	0.51	1.72	1.72	0.25	0.59	1.95	1.95	0.28	0.71
		19	-	-	-	-	1.97	1.22	0.28	0.72	1.95	1.47	0.28	0.71	1.93	1.72	0.28	0.70	1.95	1.93	0.28	0.71
		20	-	-	-	-	2.35	1.20	0.34	1.12	2.33	1.46	0.34	1.09	2.31	1.70	0.33	1.07	2.29	1.95	0.33	1.04
9	3	15	1.12	1.12	0.32	1.00	1.37	1.37	0.39	1.69	1.61	1.61	0.46	2.54	1.86	1.86	0.53	3.33	2.11	2.11	0.60	4.10
		17	1.58	1.12	0.45	2.44	1.56	1.37	0.45	2.37	1.61	1.59	0.46	2.53	1.86	1.86	0.53	3.34	2.11	2.11	0.60	4.11
		19	-	-	-	-	2.38	1.38	0.68	5.04	2.36	1.63	0.68	4.97	2.33	1.87	0.67	4.89	2.31	2.12	0.66	4.80
		20	-	-	-	-	2.80	1.38	0.80	6.66	2.78	1.63	0.80	6.57	2.76	1.88	0.79	6.49	2.73	2.12	0.78	6.40
	4	15	0.99	0.99	0.21	0.50	1.24	1.24	0.27	0.65	1.48	1.48	0.32	0.97	1.72	1.72	0.37	1.46	1.96	1.96	0.42	2.07
		17	1.26	0.99	0.27	0.67	1.26	1.24	0.27	0.67	1.48	1.48	0.32	0.98	1.72	1.72	0.37	1.47	1.96	1.96	0.42	2.08
		19	-	-	-	-	1.99	1.23	0.43	2.16	1.97	1.48	0.43	2.11	1.95	1.72	0.42	2.05	1.96	1.94	0.42	2.07
		20	-	-	-	-	2.43	1.23	0.52	3.21	2.41	1.48	0.52	3.17	2.38	1.73	0.52	3.12	2.36	1.97	0.51	3.07
	5	15	0.86	0.86	0.15	0.34	1.11	1.11	0.19	0.44	1.35	1.35	0.23	0.54	1.59	1.59	0.27	0.68	1.83	1.83	0.31	0.95
		17	0.93	0.86	0.16	0.37	1.11	1.11	0.19	0.44	1.36	1.36	0.23	0.54	1.60	1.60	0.27	0.68	1.83	1.83	0.32	0.95
		19	-	-	-	-	1.66	1.10	0.29	0.74	1.65	1.35	0.28	0.72	1.64	1.60	0.28	0.72	1.84	1.84	0.32	0.96
		20	-	-	-	-	2.05	1.09	0.35	1.28	2.03	1.34	0.35	1.25	2.01	1.59	0.35	1.22	1.99	1.83	0.34	1.19
	6	15	0.74	0.74	0.11	0.24	0.98	0.98	0.14	0.32	1.23	1.23	0.18	0.40	1.47	1.47	0.21	0.48	1.71	1.71	0.24	0.56
		17	0.74	0.73	0.11	0.24	0.98	0.98	0.14	0.32	1.23	1.23	0.18	0.40	1.47	1.47	0.21	0.48	1.71	1.71	0.25	0.56
		19	-	-	-	-	1.32	0.98	0.19	0.43	1.32	1.23	0.19	0.43	1.47	1.47	0.21	0.48	1.71	1.71	0.25	0.56
		20	-	-	-	-	1.72	0.97	0.25	0.57	1.70	1.22	0.24	0.56	1.69	1.47	0.24	0.55	1.71	1.69	0.25	0.56

(Continued)

NFD-V200-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	0.87	0.87	0.25	0.57	1.12	1.12	0.32	0.99	1.36	1.36	0.39	1.68	1.61	1.61	0.46	2.50	1.86	1.86	0.53	3.22
		17	0.96	0.87	0.27	0.67	1.12	1.12	0.32	0.99	1.36	1.36	0.39	1.69	1.61	1.61	0.46	2.51	1.86	1.86	0.53	3.23
		19	-	-	-	-	1.71	1.12	0.49	2.81	1.69	1.37	0.48	2.75	1.67	1.62	0.48	2.70	1.86	1.86	0.53	3.24
		20	-	-	-	-	2.14	1.13	0.61	4.11	2.12	1.38	0.61	4.05	2.10	1.62	0.60	3.98	2.08	1.87	0.59	3.91
	4	15	0.74	0.74	0.16	0.35	0.99	0.99	0.21	0.47	1.24	1.24	0.26	0.63	1.47	1.47	0.32	0.98	1.71	1.71	0.37	1.47
		17	0.74	0.73	0.16	0.35	0.99	0.99	0.21	0.47	1.24	1.24	0.27	0.63	1.48	1.48	0.32	0.98	1.72	1.72	0.37	1.48
		19	-	-	-	-	1.35	0.99	0.29	0.77	1.34	1.24	0.29	0.75	1.48	1.48	0.32	0.99	1.72	1.72	0.37	1.49
		20	-	-	-	-	1.74	0.98	0.37	1.53	1.72	1.23	0.37	1.49	1.70	1.48	0.36	1.44	1.71	1.69	0.37	1.47
	5	15	0.62	0.62	0.11	0.23	0.87	0.87	0.15	0.32	1.11	1.11	0.19	0.42	1.35	1.35	0.23	0.51	1.59	1.59	0.27	0.68
		17	0.62	0.62	0.11	0.23	0.87	0.87	0.15	0.33	1.11	1.11	0.19	0.42	1.36	1.36	0.23	0.51	1.60	1.60	0.27	0.69
		19	-	-	-	-	1.01	0.86	0.17	0.38	1.11	1.09	0.19	0.42	1.36	1.36	0.23	0.51	1.60	1.60	0.28	0.69
		20	-	-	-	-	1.40	0.86	0.24	0.54	1.39	1.11	0.24	0.53	1.39	1.36	0.24	0.53	1.60	1.60	0.28	0.69
	6	15	0.49	0.49	0.07	0.15	0.74	0.74	0.11	0.23	0.98	0.98	0.14	0.30	1.23	1.23	0.18	0.38	1.47	1.47	0.21	0.45
		17	0.49	0.49	0.07	0.15	0.74	0.74	0.11	0.23	0.99	0.99	0.14	0.30	1.23	1.23	0.18	0.38	1.47	1.47	0.21	0.45
		19	-	-	-	-	0.74	0.73	0.11	0.23	0.99	0.99	0.14	0.30	1.23	1.23	0.18	0.38	1.47	1.47	0.21	0.45
		20	-	-	-	-	1.04	0.73	0.15	0.32	1.04	0.99	0.15	0.32	1.23	1.23	0.18	0.38	1.47	1.47	0.21	0.45
13	3	15	0.62	0.62	0.18	0.38	0.87	0.87	0.25	0.57	1.12	1.12	0.32	1.04	1.36	1.36	0.39	1.77	1.61	1.61	0.46	2.52
		17	0.63	0.63	0.18	0.39	0.88	0.88	0.25	0.57	1.12	1.12	0.32	1.05	1.36	1.36	0.39	1.78	1.61	1.61	0.46	2.53
		19	-	-	-	-	1.03	0.87	0.29	0.83	1.11	1.09	0.32	1.04	1.37	1.37	0.39	1.79	1.61	1.61	0.46	2.54
		20	-	-	-	-	1.43	0.87	0.41	1.99	1.41	1.12	0.40	1.93	1.40	1.37	0.40	1.90	1.62	1.62	0.46	2.54
	4	15	0.50	0.50	0.11	0.22	0.74	0.74	0.16	0.34	0.99	0.99	0.21	0.45	1.23	1.23	0.27	0.64	1.47	1.47	0.32	1.02
		17	0.50	0.50	0.11	0.23	0.75	0.75	0.16	0.34	0.99	0.99	0.21	0.45	1.24	1.24	0.27	0.64	1.47	1.47	0.32	1.03
		19	-	-	-	-	0.74	0.71	0.16	0.33	0.99	0.99	0.21	0.45	1.24	1.24	0.27	0.65	1.48	1.48	0.32	1.04
		20	-	-	-	-	1.06	0.74	0.23	0.49	1.06	0.99	0.23	0.49	1.24	1.24	0.27	0.65	1.48	1.48	0.32	1.04
	5	15	0.37	0.37	0.06	0.13	0.62	0.62	0.11	0.22	0.86	0.86	0.15	0.31	1.11	1.11	0.19	0.39	1.35	1.35	0.23	0.49
		17	0.37	0.37	0.06	0.13	0.62	0.62	0.11	0.22	0.86	0.86	0.15	0.31	1.11	1.11	0.19	0.39	1.35	1.35	0.23	0.49
		19	-	-	-	-	0.62	0.62	0.11	0.22	0.87	0.87	0.15	0.31	1.11	1.11	0.19	0.39	1.35	1.35	0.23	0.49
		20	-	-	-	-	0.70	0.62	0.12	0.25	0.87	0.86	0.15	0.31	1.11	1.11	0.19	0.39	1.36	1.36	0.23	0.49
	6	15	0.25	0.25	0.04	0.07	0.49	0.49	0.07	0.14	0.74	0.74	0.11	0.21	0.98	0.98	0.14	0.29	1.22	1.22	0.17	0.36
		17	0.25	0.25	0.04	0.07	0.49	0.49	0.07	0.14	0.74	0.74	0.11	0.21	0.98	0.98	0.14	0.29	1.23	1.23	0.18	0.36
		19	-	-	-	-	0.50	0.50	0.07	0.14	0.74	0.74	0.11	0.22	0.99	0.99	0.14	0.29	1.23	1.23	0.18	0.36
		20	-	-	-	-	0.49	0.48	0.07	0.14	0.74	0.74	0.11	0.22	0.99	0.99	0.14	0.29	1.23	1.23	0.18	0.36
15	3	15	0.37	0.37	0.11	0.22	0.62	0.62	0.18	0.36	0.87	0.87	0.25	0.55	1.11	1.11	0.32	1.05	1.35	1.35	0.39	1.76
		17	0.37	0.37	0.11	0.22	0.62	0.62	0.18	0.36	0.87	0.87	0.25	0.55	1.11	1.11	0.32	1.06	1.36	1.36	0.39	1.77
		19	-	-	-	-	0.62	0.62	0.18	0.36	0.87	0.87	0.25	0.56	1.11	1.11	0.32	1.06	1.36	1.36	0.39	1.78
		20	-	-	-	-	0.71	0.62	0.20	0.41	0.87	0.87	0.25	0.56	1.12	1.12	0.32	1.06	1.36	1.36	0.39	1.78
	4	15	0.25	0.25	0.05	0.11	0.50	0.50	0.11	0.21	0.74	0.74	0.16	0.32	0.99	0.99	0.21	0.43	1.23	1.23	0.26	0.64
		17	0.25	0.25	0.05	0.11	0.50	0.50	0.11	0.21	0.74	0.74	0.16	0.32	0.99	0.99	0.21	0.43	1.23	1.23	0.26	0.65
		19	-	-	-	-	0.50	0.50	0.11	0.21	0.75	0.75	0.16	0.32	0.99	0.99	0.21	0.43	1.23	1.23	0.26	0.65
		20	-	-	-	-	0.50	0.48	0.11	0.21	0.75	0.75	0.16	0.32	0.99	0.99	0.21	0.43	1.24	1.24	0.26	0.65
	5	15	0.13	0.13	0.02	0.04	0.37	0.37	0.06	0.13	0.62	0.62	0.11	0.21	0.86	0.86	0.15	0.29	1.11	1.11	0.19	0.37
		17	0.13	0.13	0.02	0.04	0.37	0.37	0.06	0.13	0.62	0.62	0.11	0.21	0.86	0.86	0.15	0.29	1.11	1.11	0.19	0.38
		19	-	-	-	-	0.37	0.37	0.06	0.13	0.62	0.62	0.11	0.21	0.87	0.87	0.15	0.29	1.11	1.11	0.19	0.38
		20	-	-	-	-	0.38	0.38	0.06	0.13	0.62	0.62	0.11	0.21	0.87	0.87	0.15	0.29	1.11	1.11	0.19	0.38
	6	15	-	-	-	-	0.25	0.25	0.04	0.07	0.49	0.49	0.07	0.14	0.74	0.74	0.11	0.20	0.98	0.98	0.14	0.27
		17	-	-	-	-	0.25	0.25	0.04	0.07	0.50	0.50	0.07	0.14	0.74	0.74	0.11	0.21	0.98	0.98	0.14	0.27
		19	-	-	-	-	0.25	0.25	0.04	0.07	0.50	0.50	0.07	0.14	0.74	0.74	0.11	0.21	0.99	0.99	0.14	0.27
		20	-	-	-	-	0.25	0.25	0.04	0.07	0.50	0.50	0.07	0.14	0.74	0.74	0.11	0.21	0.99	0.99	0.14	0.27

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V300-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	2.89	2.29	0.83	8.68	2.86	2.63	0.82	8.54	2.97	2.96	0.85	9.08	3.30	3.30	0.95	10.91	3.64	3.64	1.05	12.86
		17	3.91	2.29	1.13	14.60	3.89	2.64	1.12	14.42	3.86	2.98	1.11	14.24	3.83	3.31	1.10	14.04	3.80	3.64	1.09	13.84
		19	-	-	-	-	4.99	2.65	1.43	22.15	4.95	2.99	1.42	21.89	4.92	3.32	1.41	21.64	4.88	3.66	1.41	21.38
		20	-	-	-	-	5.56	2.65	1.60	26.63	5.53	2.99	1.59	26.43	5.49	3.33	1.58	26.21	5.46	3.66	1.57	25.91
	4	15	2.43	2.08	0.52	3.88	2.43	2.43	0.52	3.87	2.77	2.77	0.60	4.92	3.11	3.11	0.67	5.99	3.45	3.45	0.74	7.12
		17	3.48	2.10	0.75	7.26	3.46	2.44	0.74	7.17	3.43	2.78	0.74	7.06	3.40	3.12	0.73	6.95	3.45	3.43	0.74	7.12
		19	-	-	-	-	4.55	2.45	0.98	11.36	4.52	2.79	0.97	11.22	4.49	3.13	0.96	11.09	4.46	3.46	0.96	10.95
		20	-	-	-	-	5.14	2.45	1.10	13.97	5.10	2.80	1.09	13.81	5.07	3.14	1.09	13.65	5.03	3.47	1.08	13.49
	5	15	2.03	1.90	0.35	1.37	2.24	2.24	0.38	1.78	2.57	2.57	0.44	2.60	2.91	2.91	0.50	3.51	3.25	3.25	0.56	4.36
		17	3.01	1.89	0.52	3.79	2.99	2.24	0.51	3.72	2.96	2.58	0.51	3.64	2.95	2.92	0.51	3.61	3.25	3.25	0.56	4.38
		19	-	-	-	-	4.11	2.25	0.70	6.48	4.08	2.60	0.70	6.40	4.05	2.93	0.69	6.32	4.02	3.27	0.69	6.23
		20	-	-	-	-	4.70	2.26	0.81	8.14	4.66	2.60	0.80	8.04	4.63	2.94	0.79	7.94	4.60	3.28	0.79	7.85
	6	15	1.74	1.74	0.25	0.75	2.07	2.07	0.30	0.95	2.40	2.40	0.34	1.33	2.73	2.73	0.39	1.88	3.06	3.06	0.44	2.55
		17	2.59	1.71	0.37	1.64	2.56	2.06	0.37	1.60	2.55	2.40	0.37	1.58	2.73	2.73	0.39	1.89	3.06	3.06	0.44	2.56
		19	-	-	-	-	3.64	2.05	0.52	3.81	3.61	2.39	0.52	3.76	3.58	2.74	0.51	3.69	3.54	3.07	0.51	3.62
		20	-	-	-	-	4.23	2.06	0.61	5.00	4.20	2.41	0.60	4.93	4.17	2.75	0.60	4.87	4.14	3.08	0.59	4.81
7	3	15	2.09	1.93	0.60	4.91	2.27	2.27	0.65	5.64	2.62	2.62	0.75	7.16	2.96	2.96	0.85	8.82	3.29	3.29	0.94	10.60
		17	3.13	1.94	0.90	9.70	3.10	2.28	0.89	9.56	3.07	2.62	0.88	9.40	3.05	2.96	0.87	9.29	3.30	3.30	0.95	10.64
		19	-	-	-	-	4.21	2.30	1.22	16.38	4.18	2.64	1.21	16.18	4.15	2.98	1.20	15.98	4.12	3.31	1.19	15.77
		20	-	-	-	-	4.79	2.30	1.38	20.48	4.76	2.64	1.37	20.23	4.72	2.98	1.36	19.99	4.69	3.32	1.35	19.75
	4	15	1.73	1.71	0.37	1.68	2.08	2.08	0.45	2.72	2.42	2.42	0.52	3.83	2.77	2.77	0.60	4.82	3.10	3.10	0.67	5.86
		17	2.66	1.74	0.57	4.51	2.63	2.09	0.57	4.43	2.61	2.43	0.56	4.36	2.77	2.77	0.60	4.83	3.11	3.11	0.67	5.88
		19	-	-	-	-	3.75	2.10	0.81	8.10	3.73	2.44	0.80	8.00	3.70	2.78	0.80	7.89	3.66	3.12	0.79	7.77
		20	-	-	-	-	4.34	2.11	0.93	10.38	4.31	2.45	0.93	10.25	4.28	2.79	0.92	10.13	4.24	3.13	0.91	10.00
	5	15	1.57	1.57	0.27	0.80	1.91	1.91	0.33	1.22	2.23	2.23	0.39	1.87	2.57	2.57	0.44	2.68	2.91	2.91	0.50	3.53
		17	2.19	1.55	0.38	1.77	2.17	1.90	0.37	1.73	2.23	2.22	0.39	1.87	2.57	2.57	0.44	2.69	2.91	2.91	0.50	3.54
		19	-	-	-	-	3.27	1.90	0.56	4.35	3.24	2.25	0.56	4.29	3.19	2.45	0.57	5.20	3.18	2.92	0.55	4.15
		20	-	-	-	-	3.86	1.91	0.66	5.77	3.83	2.26	0.66	5.69	3.81	2.60	0.65	5.62	3.77	2.93	0.65	5.54
	6	15	1.39	1.39	0.20	0.57	1.74	1.74	0.25	0.71	2.07	2.07	0.30	0.96	2.40	2.40	0.34	1.40	2.72	2.72	0.39	1.98
		17	1.78	1.39	0.26	0.73	1.81	1.74	0.26	0.75	2.08	2.07	0.30	0.96	2.40	2.40	0.35	1.41	2.73	2.73	0.39	1.99
		19	-	-	-	-	2.78	1.71	0.40	2.09	2.75	2.05	0.40	2.04	2.73	2.40	0.39	1.99	2.75	2.74	0.40	2.04
		20	-	-	-	-	3.36	1.71	0.48	3.30	3.33	2.06	0.48	3.24	3.30	2.40	0.47	3.18	3.27	2.74	0.47	3.11
9	3	15	1.57	1.57	0.45	2.83	1.92	1.92	0.55	4.18	2.27	2.27	0.65	5.54	2.61	2.61	0.75	7.04	2.95	2.95	0.85	8.66
		17	2.28	1.58	0.65	5.57	2.25	1.93	0.65	5.46	2.27	2.27	0.65	5.56	2.62	2.62	0.75	7.06	2.95	2.95	0.85	8.69
		19	-	-	-	-	3.37	1.94	0.97	10.86	3.34	2.29	0.96	10.72	3.31	2.63	0.95	10.55	3.28	2.96	0.94	10.38
		20	-	-	-	-	3.95	1.94	1.13	14.30	3.92	2.29	1.13	14.11	3.89	2.63	1.12	13.93	3.86	2.97	1.11	13.74
	4	15	1.40	1.40	0.30	0.99	1.73	1.73	0.37	1.78	2.07	2.07	0.45	2.82	2.42	2.42	0.52	3.81	2.76	2.76	0.59	4.70
		17	1.78	1.38	0.38	1.91	1.78	1.74	0.38	1.92	2.08	2.08	0.45	2.83	2.43	2.43	0.52	3.82	2.76	2.76	0.59	4.72
		19	-	-	-	-	2.87	1.74	0.62	5.04	2.84	2.09	0.61	4.96	2.82	2.43	0.61	4.87	2.82	2.77	0.61	4.87
		20	-	-	-	-	3.47	1.75	0.75	6.94	3.44	2.10	0.74	6.85	3.41	2.44	0.73	6.74	3.38	2.78	0.73	6.63
	5	15	1.22	1.22	0.21	0.58	1.57	1.57	0.27	0.78	1.90	1.90	0.33	1.24	2.23	2.23	0.38	1.92	2.56	2.56	0.44	2.73
		17	1.36	1.22	0.23	0.64	1.57	1.56	0.27	0.78	1.90	1.90	0.33	1.25	2.23	2.23	0.38	1.93	2.57	2.57	0.44	2.74
		19	-	-	-	-	2.35	1.54	0.40	2.22	2.33	1.89	0.40	2.15	2.32	2.24	0.40	2.14	2.58	2.58	0.44	2.76
		20	-	-	-	-	2.95	1.55	0.51	3.60	2.92	1.90	0.50	3.54	2.89	2.24	0.50	3.47	2.87	2.58	0.49	3.42
	6	15	1.05	1.05	0.15	0.40	1.39	1.39	0.20	0.54	1.73	1.73	0.25	0.68	2.06	2.06	0.30	0.97	2.39	2.39	0.34	1.44
		17	1.07	1.06	0.15	0.41	1.40	1.40	0.20	0.54	1.74	1.74	0.25	0.68	2.07	2.07	0.30	0.97	2.39	2.39	0.34	1.44
		19	-	-	-	-	1.91	1.38	0.27	0.81	1.91	1.73	0.27	0.81	2.07	2.07	0.30	0.98	2.40	2.40	0.34	1.45
		20	-	-	-	-	2.44	1.36	0.35	1.52	2.42	1.71	0.35	1.48	2.40	2.06	0.34	1.45	2.43	2.41	0.35	1.51

(Continued)

NFD-V300-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.22	1.22	0.35	1.49	1.57	1.57	0.45	2.82	1.92	1.92	0.55	4.05	2.26	2.26	0.64	5.36	2.60	2.60	0.74	6.81
		17	1.35	1.22	0.39	1.97	1.57	1.57	0.45	2.83	1.92	1.92	0.55	4.07	2.27	2.27	0.65	5.38	2.61	2.61	0.74	6.83
		19	-	-	-	-	2.46	1.58	0.70	6.17	2.43	1.93	0.69	6.05	2.41	2.27	0.69	5.98	2.61	2.61	0.74	6.85
		20	-	-	-	-	3.05	1.59	0.87	8.92	3.02	1.94	0.86	8.78	2.99	2.28	0.85	8.63	2.96	2.62	0.84	8.49
	4	15	1.05	1.05	0.23	0.59	1.39	1.39	0.30	0.99	1.73	1.73	0.37	1.79	2.07	2.07	0.44	2.78	2.41	2.41	0.52	3.66
		17	1.06	1.04	0.23	0.60	1.40	1.40	0.30	1.00	1.73	1.73	0.37	1.80	2.07	2.07	0.44	2.79	2.42	2.42	0.52	3.68
		19	-	-	-	-	1.92	1.38	0.41	2.33	1.90	1.73	0.41	2.29	2.08	2.06	0.44	2.80	2.42	2.42	0.52	3.69
		20	-	-	-	-	2.52	1.39	0.54	3.95	2.50	1.74	0.53	3.88	2.47	2.09	0.53	3.81	2.48	2.43	0.53	3.83
	5	15	0.88	0.88	0.15	0.39	1.23	1.23	0.21	0.55	1.57	1.57	0.27	0.78	1.89	1.89	0.33	1.29	2.23	2.23	0.38	1.99
		17	0.88	0.88	0.15	0.39	1.23	1.23	0.21	0.55	1.57	1.57	0.27	0.78	1.90	1.90	0.33	1.29	2.23	2.23	0.38	2.00
		19	-	-	-	-	1.47	1.22	0.25	0.69	1.58	1.58	0.27	0.80	1.90	1.90	0.33	1.30	2.24	2.24	0.38	2.01
		20	-	-	-	-	1.99	1.20	0.34	1.47	1.97	1.55	0.34	1.43	1.98	1.90	0.34	1.45	2.24	2.24	0.39	2.01
	6	15	0.71	0.71	0.10	0.26	1.05	1.05	0.15	0.38	1.39	1.39	0.20	0.51	1.73	1.73	0.25	0.66	2.06	2.06	0.30	1.00
		17	0.71	0.71	0.10	0.26	1.05	1.05	0.15	0.38	1.40	1.40	0.20	0.51	1.73	1.73	0.25	0.67	2.06	2.06	0.30	1.00
		19	-	-	-	-	1.10	1.06	0.16	0.40	1.40	1.40	0.20	0.51	1.74	1.74	0.25	0.67	2.07	2.07	0.30	1.01
		20	-	-	-	-	1.52	1.04	0.22	0.55	1.54	1.40	0.22	0.56	1.74	1.74	0.25	0.67	2.07	2.07	0.30	1.01
13	3	15	0.88	0.88	0.25	0.68	1.22	1.22	0.35	1.58	1.57	1.57	0.45	2.87	1.92	1.92	0.55	4.03	2.26	2.26	0.65	5.33
		17	0.88	0.88	0.25	0.69	1.22	1.22	0.35	1.59	1.57	1.57	0.45	2.88	1.92	1.92	0.55	4.05	2.26	2.26	0.65	5.35
		19	-	-	-	-	1.47	1.22	0.42	2.52	1.56	1.54	0.45	2.85	1.92	1.92	0.55	4.06	2.27	2.27	0.65	5.37
		20	-	-	-	-	2.07	1.23	0.60	4.60	2.05	1.58	0.59	4.51	2.04	1.93	0.59	4.49	2.27	2.26	0.65	5.38
	4	15	0.71	0.71	0.15	0.38	1.05	1.05	0.23	0.57	1.39	1.39	0.30	1.04	1.72	1.72	0.37	1.87	2.07	2.07	0.45	2.80
		17	0.71	0.71	0.15	0.38	1.05	1.05	0.23	0.57	1.39	1.39	0.30	1.05	1.73	1.73	0.37	1.88	2.07	2.07	0.45	2.81
		19	-	-	-	-	1.07	1.07	0.23	0.59	1.39	1.39	0.30	1.05	1.73	1.73	0.37	1.89	2.08	2.08	0.45	2.82
		20	-	-	-	-	1.51	1.04	0.32	1.31	1.51	1.39	0.32	1.31	1.73	1.72	0.37	1.89	2.08	2.08	0.45	2.83
	5	15	0.53	0.53	0.09	0.22	0.88	0.88	0.15	0.37	1.22	1.22	0.21	0.51	1.56	1.56	0.27	0.78	1.88	1.88	0.32	1.31
		17	0.53	0.53	0.09	0.22	0.88	0.88	0.15	0.37	1.22	1.22	0.21	0.52	1.56	1.56	0.27	0.78	1.89	1.89	0.32	1.32
		19	-	-	-	-	0.88	0.87	0.15	0.37	1.23	1.23	0.21	0.52	1.56	1.56	0.27	0.79	1.89	1.89	0.32	1.32
		20	-	-	-	-	1.03	0.87	0.18	0.43	1.23	1.23	0.21	0.52	1.56	1.56	0.27	0.79	1.89	1.89	0.33	1.33
	6	15	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.24	1.05	1.05	0.15	0.36	1.39	1.39	0.20	0.48	1.73	1.73	0.25	0.65
		17	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.24	1.05	1.05	0.15	0.36	1.39	1.39	0.20	0.48	1.73	1.73	0.25	0.66
		19	-	-	-	-	0.71	0.71	0.10	0.24	1.05	1.05	0.15	0.36	1.40	1.40	0.20	0.48	1.73	1.73	0.25	0.66
		20	-	-	-	-	0.73	0.72	0.10	0.25	1.06	1.05	0.15	0.36	1.40	1.40	0.20	0.48	1.73	1.73	0.25	0.66
15	3	15	0.53	0.53	0.15	0.37	0.88	0.88	0.25	0.67	1.21	1.21	0.35	1.59	1.56	1.56	0.45	2.78	1.91	1.91	0.54	3.90
		17	0.53	0.53	0.15	0.37	0.88	0.88	0.25	0.67	1.22	1.22	0.35	1.60	1.57	1.57	0.45	2.79	1.91	1.91	0.55	3.91
		19	-	-	-	-	0.88	0.88	0.25	0.67	1.22	1.22	0.35	1.61	1.57	1.57	0.45	2.80	1.92	1.92	0.55	3.93
		20	-	-	-	-	1.02	0.87	0.29	1.00	1.22	1.20	0.35	1.60	1.57	1.57	0.45	2.81	1.92	1.92	0.55	3.94
	4	15	0.36	0.36	0.08	0.18	0.70	0.70	0.15	0.36	1.05	1.05	0.22	0.55	1.38	1.38	0.30	1.06	1.72	1.72	0.37	1.88
		17	0.36	0.36	0.08	0.18	0.71	0.71	0.15	0.36	1.05	1.05	0.23	0.55	1.39	1.39	0.30	1.06	1.72	1.72	0.37	1.89
		19	-	-	-	-	0.71	0.71	0.15	0.36	1.05	1.05	0.23	0.55	1.39	1.39	0.30	1.07	1.73	1.73	0.37	1.90
		20	-	-	-	-	0.71	0.70	0.15	0.36	1.05	1.05	0.23	0.55	1.39	1.39	0.30	1.07	1.73	1.73	0.37	1.91
	5	15	0.18	0.18	0.03	0.07	0.53	0.53	0.09	0.21	0.88	0.88	0.15	0.35	1.22	1.22	0.21	0.50	1.55	1.55	0.27	0.81
		17	0.18	0.18	0.03	0.07	0.54	0.54	0.09	0.21	0.88	0.88	0.15	0.35	1.22	1.22	0.21	0.50	1.56	1.56	0.27	0.82
		19	-	-	-	-	0.54	0.54	0.09	0.22	0.88	0.88	0.15	0.36	1.23	1.23	0.21	0.50	1.56	1.56	0.27	0.82
		20	-	-	-	-	0.54	0.54	0.09	0.22	0.88	0.88	0.15	0.36	1.23	1.23	0.21	0.50	1.56	1.56	0.27	0.82
	6	15	-	-	-	-	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.23	1.05	1.05	0.15	0.35	1.39	1.39	0.20	0.46
		17	-	-	-	-	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.23	1.05	1.05	0.15	0.35	1.39	1.39	0.20	0.46
		19	-	-	-	-	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.23	1.05	1.05	0.15	0.35	1.39	1.39	0.20	0.46
		20	-	-	-	-	0.36	0.36	0.05	0.12	0.71	0.71	0.10	0.23	1.06	1.06	0.15	0.35	1.40	1.40	0.20	0.46

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	3.63	2.85	1.04	14.85	3.60	3.27	1.03	14.62	3.69	3.68	1.06	15.29	4.10	4.10	1.17	18.13	4.52	4.52	1.30	21.67
		17	4.90	2.86	1.41	24.89	4.86	3.28	1.40	24.59	4.83	3.70	1.39	24.28	4.79	4.12	1.38	23.93	4.75	4.53	1.37	23.62
		19	-	-	-	-	6.21	3.29	1.78	37.14	6.17	3.71	1.76	36.71	6.12	4.13	1.75	36.28	6.08	4.54	1.74	35.86
		20	-	-	-	-	6.93	3.30	1.99	45.31	6.88	3.72	1.97	44.45	6.83	4.14	1.96	43.92	6.79	4.55	1.94	43.41
	4	15	3.11	2.61	0.67	6.93	3.11	3.04	0.67	6.95	3.46	3.46	0.75	8.33	3.88	3.88	0.83	10.00	4.29	4.29	0.92	11.89
		17	4.38	2.62	0.94	12.33	4.35	3.05	0.93	12.17	4.31	3.47	0.92	11.99	4.28	3.89	0.92	11.82	4.32	4.30	0.93	12.04
		19	-	-	-	-	5.72	3.07	1.23	19.64	5.68	3.49	1.22	19.41	5.64	3.90	1.21	19.18	5.60	4.32	1.21	18.94
		20	-	-	-	-	6.42	3.07	1.38	23.81	6.38	3.49	1.37	23.52	6.34	3.91	1.36	23.24	6.29	4.32	1.35	22.97
	5	15	2.57	2.37	0.44	3.01	2.80	2.79	0.48	3.72	3.23	3.23	0.55	4.99	3.65	3.65	0.63	6.14	4.06	4.06	0.70	7.37
		17	3.85	2.39	0.66	6.72	3.81	2.81	0.65	6.62	3.78	3.24	0.65	6.51	3.78	3.66	0.65	6.51	4.07	4.07	0.70	7.40
		19	-	-	-	-	5.19	2.83	0.89	11.19	5.15	3.26	0.88	11.05	5.12	3.67	0.88	10.91	5.07	4.09	0.87	10.76
		20	-	-	-	-	5.91	2.84	1.01	13.98	5.87	3.26	1.01	13.81	5.83	3.68	1.00	13.65	5.79	4.10	0.99	13.49
	6	15	2.23	2.18	0.32	1.27	2.59	2.59	0.37	1.89	3.00	3.00	0.43	2.81	3.41	3.41	0.49	3.88	3.83	3.83	0.55	4.88
		17	3.28	2.15	0.47	3.54	3.25	2.57	0.46	3.46	3.23	3.00	0.46	3.41	3.42	3.41	0.49	3.89	3.84	3.84	0.55	4.90
		19	-	-	-	-	4.65	2.60	0.67	6.78	4.61	3.02	0.66	6.69	4.57	3.44	0.65	6.60	4.53	3.86	0.65	6.50
		20	-	-	-	-	5.38	2.61	0.77	8.69	5.34	3.03	0.76	8.58	5.30	3.45	0.76	8.47	5.26	3.87	0.75	8.36
7	3	15	2.65	2.41	0.76	8.46	2.84	2.83	0.81	9.52	3.26	3.26	0.93	12.09	3.68	3.68	1.06	15.09	4.09	4.09	1.18	18.11
		17	3.93	2.42	1.14	16.89	3.90	2.85	1.13	16.65	3.86	3.27	1.12	16.38	3.84	3.69	1.11	16.23	4.10	4.10	1.18	18.17
		19	-	-	-	-	5.25	2.86	1.51	27.46	5.21	3.28	1.49	27.12	5.17	3.70	1.48	26.80	5.13	4.11	1.47	26.44
		20	-	-	-	-	5.97	2.87	1.73	34.85	5.93	3.29	1.71	34.41	5.89	3.71	1.70	34.02	5.85	4.12	1.69	33.61
	4	15	2.18	2.18	0.47	3.56	2.61	2.61	0.56	5.05	3.03	3.03	0.65	6.54	3.46	3.46	0.74	8.15	3.87	3.87	0.83	9.89
		17	3.38	2.19	0.73	7.87	3.35	2.62	0.72	7.73	3.32	3.04	0.72	7.64	3.46	3.46	0.75	8.20	3.88	3.88	0.84	9.93
		19	-	-	-	-	4.72	2.63	1.02	13.99	4.69	3.06	1.01	13.81	4.65	3.47	1.01	13.62	4.61	3.89	1.00	13.42
		20	-	-	-	-	5.43	2.63	1.17	17.63	5.39	3.06	1.16	17.42	5.35	3.48	1.15	17.20	5.32	3.89	1.14	16.98
	5	15	1.96	1.96	0.34	1.52	2.37	2.37	0.41	2.54	2.80	2.80	0.48	3.78	3.22	3.22	0.55	4.92	3.64	3.64	0.63	6.05
		17	2.79	1.95	0.48	3.77	2.77	2.37	0.48	3.69	2.84	2.81	0.49	3.89	3.23	3.23	0.56	4.93	3.65	3.65	0.63	6.07
		19	-	-	-	-	4.16	2.40	0.72	7.58	4.13	2.82	0.71	7.47	4.06	3.09	0.72	8.40	4.06	3.66	0.70	7.26
		20	-	-	-	-	4.88	2.40	0.84	9.97	4.85	2.83	0.83	9.84	4.81	3.25	0.83	9.71	4.77	3.67	0.82	9.57
	6	15	1.76	1.76	0.25	0.84	2.17	2.17	0.31	1.25	2.58	2.58	0.37	1.99	2.99	2.99	0.43	2.94	3.41	3.41	0.49	3.94
		17	2.26	1.74	0.33	1.39	2.31	2.17	0.33	1.46	2.59	2.58	0.37	2.00	3.00	3.00	0.43	2.96	3.42	3.42	0.49	3.95
		19	-	-	-	-	3.57	2.16	0.51	4.27	3.53	2.59	0.51	4.19	3.50	3.01	0.50	4.13	3.54	3.43	0.51	4.22
		20	-	-	-	-	4.30	2.17	0.62	5.85	4.26	2.60	0.61	5.76	4.23	3.02	0.61	5.67	4.19	3.44	0.60	5.58
9	3	15	1.97	1.97	0.57	5.06	2.40	2.40	0.69	7.08	2.83	2.83	0.81	9.36	3.25	3.25	0.93	11.86	3.67	3.67	1.05	14.61
		17	2.88	1.98	0.83	9.63	2.85	2.41	0.82	9.46	2.88	2.84	0.83	9.64	3.26	3.26	0.93	11.90	3.67	3.67	1.06	14.66
		19	-	-	-	-	4.22	2.42	1.21	18.55	4.18	2.85	1.20	18.29	4.14	3.26	1.19	18.00	4.11	3.68	1.18	17.73
		20	-	-	-	-	4.94	2.43	1.42	24.37	4.90	2.85	1.41	24.06	4.86	3.27	1.40	23.76	4.82	3.69	1.39	23.42
	4	15	1.74	1.74	0.38	2.09	2.17	2.17	0.47	3.61	2.60	2.60	0.56	4.93	3.02	3.02	0.65	6.38	3.44	3.44	0.74	7.95
		17	2.28	1.74	0.49	3.98	2.29	2.18	0.50	4.01	2.60	2.60	0.56	4.94	3.03	3.03	0.65	6.40	3.45	3.45	0.74	7.98
		19	-	-	-	-	3.65	2.19	0.78	8.77	3.61	2.62	0.78	8.61	3.57	3.04	0.77	8.47	3.59	3.46	0.77	8.53
		20	-	-	-	-	4.37	2.20	0.94	11.96	4.34	2.62	0.93	11.80	4.30	3.05	0.92	11.62	4.26	3.46	0.92	11.44
	5	15	1.54	1.54	0.26	0.87	1.95	1.95	0.34	1.56	2.37	2.37	0.41	2.61	2.79	2.79	0.48	3.78	3.22	3.22	0.55	4.82
		17	1.75	1.53	0.30	1.15	1.96	1.96	0.34	1.58	2.37	2.37	0.41	2.63	2.80	2.80	0.48	3.79	3.22	3.22	0.55	4.84
		19	-	-	-	-	3.03	1.95	0.52	4.36	3.00	2.38	0.52	4.28	3.00	2.81	0.52	4.29	3.23	3.23	0.56	4.86
		20	-	-	-	-	3.77	1.97	0.65	6.32	3.74	2.39	0.64	6.22	3.70	2.82	0.64	6.11	3.67	3.24	0.63	6.04
	6	15	1.33	1.33	0.19	0.59	1.75	1.75	0.25	0.80	2.16	2.16	0.31	1.27	2.57	2.57	0.37	2.04	2.99	2.99	0.43	2.98
		17	1.38	1.33	0.20	0.61	1.75	1.75	0.25	0.80	2.17	2.17	0.31	1.28	2.58	2.58	0.37	2.05	2.99	2.99	0.43	2.99
		19	-	-	-	-	2.42	1.73	0.35	1.72	2.42	2.16	0.35	1.73	2.61	2.59	0.37	2.11	3.00	3.00	0.43	3.00
		20	-	-	-	-	3.13	1.73	0.45	3.29	3.09	2.15	0.44	3.21	3.07	2.58	0.44	3.15	3.12	3.01	0.45	3.27

(Continued)

NFD-V400-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.53	1.53	0.44	3.09	1.97	1.97	0.56	4.90	2.40	2.40	0.68	6.86	2.82	2.82	0.80	9.05	3.24	3.24	0.92	11.48
		17	1.75	1.53	0.50	4.00	1.97	1.96	0.56	4.90	2.40	2.40	0.68	6.88	2.83	2.83	0.81	9.08	3.25	3.25	0.93	11.52
		19	-	-	-	-	3.10	1.98	0.88	10.65	3.07	2.41	0.87	10.45	3.05	2.83	0.87	10.37	3.25	3.24	0.93	11.55
		20	-	-	-	-	3.83	1.99	1.09	15.36	3.80	2.42	1.09	15.20	3.76	2.84	1.08	14.94	3.73	3.26	1.07	14.71
	4	15	1.32	1.32	0.28	1.00	1.74	1.74	0.37	2.10	2.17	2.17	0.46	3.52	2.59	2.59	0.56	4.80	3.02	3.02	0.65	6.20
		17	1.34	1.33	0.29	1.04	1.74	1.74	0.37	2.11	2.17	2.17	0.46	3.54	2.60	2.60	0.56	4.82	3.02	3.02	0.65	6.22
		19	-	-	-	-	2.47	1.75	0.53	4.42	2.46	2.18	0.53	4.38	2.62	2.62	0.56	4.88	3.03	3.03	0.65	6.25
		20	-	-	-	-	3.21	1.76	0.69	6.90	3.18	2.19	0.68	6.77	3.15	2.61	0.67	6.66	3.17	3.04	0.68	6.75
	5	15	1.11	1.11	0.19	0.57	1.54	1.54	0.26	0.87	1.95	1.95	0.34	1.62	2.37	2.37	0.41	2.68	2.79	2.79	0.48	3.74
		17	1.11	1.11	0.19	0.57	1.54	1.54	0.27	0.87	1.95	1.95	0.34	1.63	2.37	2.37	0.41	2.70	2.80	2.80	0.48	3.75
		19	-	-	-	-	1.86	1.52	0.32	1.43	2.00	1.97	0.34	1.73	2.38	2.38	0.41	2.71	2.81	2.81	0.48	3.77
		20	-	-	-	-	2.55	1.52	0.44	3.17	2.52	1.95	0.43	3.10	2.55	2.38	0.44	3.15	2.81	2.81	0.48	3.78
	6	15	0.90	0.90	0.13	0.38	1.33	1.33	0.19	0.56	1.75	1.75	0.25	0.78	2.16	2.16	0.31	1.32	2.57	2.57	0.37	2.10
		17	0.90	0.90	0.13	0.38	1.33	1.33	0.19	0.56	1.75	1.75	0.25	0.79	2.16	2.16	0.31	1.32	2.57	2.57	0.37	2.11
		19	-	-	-	-	1.43	1.34	0.21	0.60	1.76	1.75	0.25	0.79	2.17	2.17	0.31	1.33	2.58	2.58	0.37	2.13
		20	-	-	-	-	1.94	1.31	0.28	1.00	1.98	1.75	0.28	1.04	2.20	2.18	0.32	1.38	2.58	2.58	0.37	2.13
13	3	15	1.10	1.10	0.32	1.38	1.53	1.53	0.44	3.17	1.96	1.96	0.56	4.88	2.39	2.39	0.69	6.81	2.81	2.81	0.81	8.99
		17	1.10	1.10	0.32	1.39	1.53	1.53	0.44	3.18	1.97	1.97	0.57	4.89	2.40	2.40	0.69	6.84	2.82	2.82	0.81	9.03
		19	-	-	-	-	1.90	1.54	0.54	4.59	1.99	1.99	0.57	5.00	2.40	2.40	0.69	6.86	2.83	2.83	0.81	9.06
		20	-	-	-	-	2.63	1.55	0.75	7.99	2.60	1.98	0.75	7.84	2.60	2.41	0.75	7.84	2.83	2.82	0.81	9.07
	4	15	0.89	0.89	0.19	0.56	1.32	1.32	0.28	1.04	1.73	1.73	0.37	2.20	2.16	2.16	0.47	3.51	2.59	2.59	0.56	4.76
		17	0.89	0.89	0.19	0.56	1.32	1.32	0.28	1.05	1.74	1.74	0.37	2.21	2.17	2.17	0.47	3.52	2.60	2.60	0.56	4.77
		19	-	-	-	-	1.37	1.33	0.29	1.16	1.74	1.74	0.37	2.22	2.17	2.17	0.47	3.54	2.60	2.60	0.56	4.79
		20	-	-	-	-	1.94	1.31	0.42	2.85	1.94	1.74	0.42	2.87	2.18	2.18	0.47	3.56	2.60	2.60	0.56	4.80
	5	15	0.68	0.68	0.12	0.33	1.11	1.11	0.19	0.54	1.53	1.53	0.26	0.87	1.94	1.94	0.33	1.64	2.36	2.36	0.40	2.68
		17	0.68	0.68	0.12	0.33	1.11	1.11	0.19	0.54	1.53	1.53	0.26	0.87	1.94	1.94	0.33	1.65	2.37	2.37	0.41	2.69
		19	-	-	-	-	1.11	1.11	0.19	0.54	1.54	1.54	0.26	0.87	1.95	1.95	0.33	1.66	2.37	2.37	0.41	2.71
		20	-	-	-	-	1.35	1.10	0.23	0.67	1.57	1.54	0.27	0.93	1.95	1.95	0.33	1.67	2.37	2.37	0.41	2.71
	6	15	0.46	0.46	0.07	0.18	0.90	0.90	0.13	0.36	1.32	1.32	0.19	0.53	1.74	1.74	0.25	0.78	2.15	2.15	0.31	1.34
		17	0.46	0.46	0.07	0.18	0.90	0.90	0.13	0.36	1.33	1.33	0.19	0.53	1.75	1.75	0.25	0.78	2.15	2.15	0.31	1.35
		19	-	-	-	-	0.90	0.90	0.13	0.36	1.33	1.33	0.19	0.53	1.75	1.75	0.25	0.78	2.16	2.16	0.31	1.36
		20	-	-	-	-	0.95	0.91	0.14	0.38	1.33	1.32	0.19	0.53	1.75	1.75	0.25	0.78	2.16	2.16	0.31	1.36
15	3	15	0.67	0.67	0.19	0.53	1.09	1.09	0.31	1.39	1.52	1.52	0.43	3.08	1.96	1.96	0.56	4.71	2.38	2.38	0.68	6.59
		17	0.67	0.67	0.19	0.53	1.09	1.09	0.31	1.39	1.53	1.53	0.44	3.10	1.96	1.96	0.56	4.73	2.39	2.39	0.68	6.61
		19	-	-	-	-	1.10	1.09	0.31	1.40	1.53	1.53	0.44	3.11	1.96	1.96	0.56	4.75	2.39	2.39	0.68	6.64
		20	-	-	-	-	1.31	1.09	0.37	2.23	1.53	1.51	0.44	3.11	1.97	1.97	0.56	4.76	2.39	2.39	0.68	6.65
	4	15	0.45	0.45	0.10	0.27	0.89	0.89	0.19	0.52	1.31	1.31	0.28	1.06	1.73	1.73	0.37	2.21	2.16	2.16	0.46	3.41
		17	0.46	0.46	0.10	0.27	0.89	0.89	0.19	0.52	1.31	1.31	0.28	1.06	1.73	1.73	0.37	2.22	2.16	2.16	0.46	3.42
		19	-	-	-	-	0.89	0.89	0.19	0.53	1.32	1.32	0.28	1.07	1.74	1.74	0.37	2.23	2.17	2.17	0.46	3.44
		20	-	-	-	-	0.91	0.91	0.20	0.54	1.32	1.32	0.28	1.07	1.74	1.74	0.37	2.24	2.17	2.17	0.47	3.44
	5	15	0.24	0.24	0.04	0.11	0.68	0.68	0.12	0.31	1.11	1.11	0.19	0.52	1.53	1.53	0.26	0.90	1.94	1.94	0.33	1.72
		17	0.24	0.24	0.04	0.11	0.68	0.68	0.12	0.32	1.11	1.11	0.19	0.52	1.53	1.53	0.26	0.90	1.94	1.94	0.33	1.73
		19	-	-	-	-	0.68	0.68	0.12	0.32	1.11	1.11	0.19	0.52	1.53	1.53	0.26	0.91	1.95	1.95	0.34	1.74
		20	-	-	-	-	0.68	0.68	0.12	0.32	1.11	1.11	0.19	0.52	1.54	1.54	0.26	0.91	1.95	1.95	0.34	1.74
	6	15	-	-	-	-	0.46	0.46	0.07	0.17	0.90	0.90	0.13	0.34	1.32	1.32	0.19	0.50	1.74	1.74	0.25	0.79
		17	-	-	-	-	0.46	0.46	0.07	0.17	0.90	0.90	0.13	0.34	1.32	1.32	0.19	0.51	1.74	1.74	0.25	0.80
		19	-	-	-	-	0.46	0.46	0.07	0.18	0.90	0.90	0.13	0.34	1.33	1.33	0.19	0.51	1.75	1.75	0.25	0.80
		20	-	-	-	-	0.46	0.46	0.07	0.18	0.90	0.90	0.13	0.34	1.33	1.33	0.19	0.51	1.75	1.75	0.25	0.80

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V500-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	3.98	3.13	1.14	17.18	3.94	3.59	1.12	16.90	4.05	4.05	1.16	17.77	4.52	4.52	1.30	21.66	4.97	4.97	1.43	25.55
		17	5.37	3.14	1.53	28.84	5.33	3.60	1.52	28.49	5.29	4.07	1.51	28.15	5.25	4.52	1.50	27.76	5.21	4.97	1.49	27.41
		19	-	-	-	-	6.82	3.62	1.95	43.78	6.78	4.08	1.94	43.29	6.73	4.54	1.93	42.79	6.69	4.99	1.91	42.31
		20	-	-	-	-	7.61	3.62	2.18	53.01	7.56	4.09	2.16	52.41	7.51	4.54	2.15	51.81	7.46	5.00	2.14	51.23
	4	15	3.42	2.87	0.74	8.14	3.43	3.35	0.74	8.20	3.81	3.81	0.82	9.79	4.26	4.26	0.91	11.77	4.72	4.72	1.01	14.00
		17	4.81	2.88	1.03	14.49	4.78	3.35	1.02	14.31	4.74	3.81	1.02	14.11	4.70	4.27	1.01	13.91	4.76	4.73	1.02	14.23
		19	-	-	-	-	6.27	3.36	1.34	22.81	6.22	3.83	1.33	22.55	6.19	4.29	1.33	22.41	6.15	4.74	1.33	22.30
		20	-	-	-	-	7.06	3.37	1.51	28.03	7.01	3.83	1.50	27.70	6.97	4.29	1.49	27.39	6.92	4.75	1.48	27.08
	5	15	2.81	2.60	0.48	3.77	3.08	3.07	0.53	4.57	3.55	3.55	0.61	5.86	4.01	4.01	0.69	7.22	4.47	4.47	0.77	8.68
		17	4.23	2.62	0.73	7.90	4.19	3.09	0.72	7.79	4.15	3.56	0.71	7.66	4.16	4.02	0.71	7.69	4.48	4.48	0.77	8.70
		19	-	-	-	-	5.70	3.11	0.98	13.15	5.66	3.58	0.97	12.99	5.62	4.04	0.96	12.84	5.58	4.49	0.96	12.67
		20	-	-	-	-	6.51	3.12	1.12	16.61	6.46	3.59	1.11	16.42	6.42	4.05	1.11	16.23	6.38	4.51	1.10	16.04
	6	15	2.44	2.38	0.35	1.61	2.83	2.83	0.40	2.41	3.29	3.29	0.47	3.55	3.76	3.76	0.54	4.70	4.22	4.22	0.60	5.76
		17	3.61	2.36	0.52	4.35	3.57	2.83	0.51	4.26	3.55	3.30	0.51	4.23	3.77	3.76	0.54	4.73	4.23	4.23	0.61	5.78
		19	-	-	-	-	5.11	2.86	0.73	7.97	5.07	3.32	0.73	7.87	5.03	3.79	0.72	7.76	4.99	4.24	0.71	7.64
		20	-	-	-	-	5.91	2.87	0.85	10.21	5.87	3.33	0.84	10.08	5.82	3.80	0.83	9.96	5.78	4.25	0.83	9.84
7	3	15	2.91	2.65	0.83	9.95	3.12	3.11	0.89	11.20	3.58	3.58	1.03	14.23	4.05	4.05	1.17	17.77	4.50	4.50	1.29	21.04
		17	4.32	2.66	1.25	19.85	4.28	3.13	1.24	19.59	4.24	3.60	1.23	19.27	4.23	4.06	1.22	19.12	4.51	4.51	1.29	21.11
		19	-	-	-	-	5.78	3.14	1.67	32.88	5.74	3.61	1.66	32.48	5.70	4.07	1.65	32.09	5.66	4.52	1.63	31.69
		20	-	-	-	-	6.56	3.15	1.89	40.86	6.52	3.61	1.89	40.61	6.48	4.08	1.87	40.13	6.43	4.53	1.86	39.67
	4	15	2.41	2.40	0.52	4.39	2.87	2.87	0.62	5.94	3.34	3.34	0.72	7.69	3.80	3.80	0.82	9.59	4.26	4.26	0.92	11.72
		17	3.72	2.40	0.80	9.25	3.68	2.88	0.79	9.09	3.66	3.34	0.79	8.98	3.82	3.81	0.82	9.67	4.27	4.27	0.92	11.75
		19	-	-	-	-	5.19	2.89	1.12	16.45	5.15	3.36	1.11	16.25	5.11	3.82	1.11	16.04	5.07	4.28	1.10	15.80
		20	-	-	-	-	5.97	2.89	1.28	20.76	5.93	3.36	1.28	20.52	5.89	3.82	1.27	20.27	5.85	4.28	1.26	20.02
	5	15	2.14	2.14	0.37	1.93	2.60	2.60	0.45	3.21	3.08	3.08	0.53	4.54	3.55	3.55	0.61	5.78	4.01	4.01	0.69	7.12
		17	3.07	2.14	0.53	4.53	3.04	2.61	0.52	4.45	3.14	3.09	0.54	4.70	3.55	3.55	0.61	5.80	4.02	4.02	0.69	7.14
		19	-	-	-	-	4.57	2.63	0.79	8.91	4.54	3.10	0.78	8.79	4.46	3.50	0.80	11.60	4.46	4.02	0.77	8.54
		20	-	-	-	-	5.37	2.64	0.92	11.71	5.33	3.11	0.92	11.57	5.29	3.57	0.91	11.42	5.25	4.03	0.90	11.26
	6	15	1.93	1.93	0.28	0.96	2.38	2.38	0.34	1.59	2.83	2.83	0.41	2.54	3.29	3.29	0.47	3.66	3.75	3.75	0.54	4.65
		17	2.46	1.89	0.35	1.74	2.51	2.38	0.36	1.85	2.83	2.83	0.41	2.55	3.30	3.30	0.47	3.68	3.76	3.76	0.54	4.66
		19	-	-	-	-	3.92	2.37	0.56	4.99	3.88	2.84	0.56	4.90	3.84	3.30	0.55	4.83	3.91	3.77	0.56	4.98
		20	-	-	-	-	4.73	2.39	0.68	6.87	4.69	2.86	0.67	6.78	4.65	3.32	0.67	6.68	4.61	3.78	0.66	6.57
9	3	15	2.17	2.17	0.62	5.94	2.64	2.64	0.76	8.33	3.11	3.11	0.89	11.01	3.57	3.57	1.03	13.97	4.03	4.03	1.16	17.30
		17	3.16	2.17	0.91	11.33	3.13	2.65	0.90	11.12	3.17	3.12	0.91	11.38	3.58	3.58	1.03	14.02	4.04	4.04	1.16	17.36
		19	-	-	-	-	4.63	2.66	1.33	21.85	4.60	3.13	1.32	21.57	4.56	3.59	1.31	21.23	4.52	4.05	1.30	20.91
		20	-	-	-	-	5.44	2.67	1.57	29.19	5.40	3.14	1.56	28.83	5.36	3.60	1.55	28.47	5.32	4.06	1.54	28.10
	4	15	1.91	1.91	0.41	2.67	2.39	2.39	0.52	4.31	2.86	2.86	0.62	5.80	3.33	3.33	0.72	7.50	3.79	3.79	0.82	9.37
		17	2.50	1.91	0.54	4.61	2.52	2.39	0.54	4.68	2.86	2.86	0.62	5.82	3.33	3.33	0.72	7.53	3.80	3.80	0.82	9.40
		19	-	-	-	-	4.01	2.41	0.86	10.31	3.97	2.88	0.85	10.14	3.93	3.34	0.85	9.98	3.95	3.81	0.85	10.08
		20	-	-	-	-	4.81	2.42	1.04	14.12	4.77	2.89	1.03	13.99	4.74	3.35	1.03	13.88	4.70	3.82	1.02	13.67
	5	15	1.68	1.68	0.29	1.05	2.14	2.14	0.37	1.99	2.60	2.60	0.45	3.27	3.08	3.08	0.53	4.47	3.54	3.54	0.61	5.68
		17	1.90	1.67	0.33	1.44	2.15	2.14	0.37	2.01	2.61	2.61	0.45	3.29	3.08	3.08	0.53	4.49	3.55	3.55	0.61	5.70
		19	-	-	-	-	3.34	2.15	0.57	5.13	3.30	2.62	0.57	5.04	3.31	3.09	0.57	5.07	3.56	3.56	0.61	5.74
		20	-	-	-	-	4.15	2.16	0.71	7.43	4.11	2.63	0.71	7.32	4.07	3.10	0.70	7.19	4.04	3.56	0.70	7.11
	6	15	1.46	1.46	0.21	0.65	1.92	1.92	0.28	0.94	2.37	2.37	0.34	1.63	2.82	2.82	0.40	2.59	3.29	3.29	0.47	3.64
		17	1.52	1.46	0.22	0.68	1.92	1.92	0.28	0.95	2.37	2.37	0.34	1.63	2.83	2.83	0.41	2.61	3.30	3.30	0.47	3.65
		19	-	-	-	-	2.63	1.89	0.38	2.17	2.64	2.37	0.38	2.18	2.86	2.84	0.41	2.68	3.30	3.30	0.47	3.66
		20	-	-	-	-	3.44	1.90	0.49	3.95	3.40	2.37	0.49	3.87	3.38	2.84	0.48	3.81	3.46	3.31	0.50	3.97

(Continued)

NFD-V500-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	1.68	1.68	0.48	3.75	2.16	2.16	0.62	5.76	2.64	2.64	0.75	8.07	3.10	3.10	0.88	10.66	3.56	3.56	1.02	13.53
		17	1.92	1.68	0.55	4.72	2.17	2.16	0.62	5.77	2.64	2.64	0.75	8.09	3.11	3.11	0.89	10.70	3.57	3.57	1.02	13.57
		19	-	-	-	-	3.41	2.18	0.97	12.55	3.37	2.65	0.96	12.31	3.36	3.11	0.96	12.22	3.58	3.57	1.02	13.63
		20	-	-	-	-	4.21	2.18	1.20	18.02	4.17	2.65	1.19	17.77	4.13	3.12	1.18	17.46	4.10	3.58	1.17	17.20
	4	15	1.44	1.44	0.31	1.27	1.91	1.91	0.41	2.67	2.39	2.39	0.51	4.16	2.86	2.86	0.61	5.65	3.32	3.32	0.71	7.30
		17	1.47	1.45	0.31	1.32	1.91	1.91	0.41	2.68	2.39	2.39	0.51	4.18	2.86	2.86	0.61	5.67	3.33	3.33	0.71	7.33
		19	-	-	-	-	2.72	1.92	0.58	5.20	2.71	2.39	0.58	5.16	2.89	2.88	0.62	5.78	3.33	3.33	0.71	7.35
		20	-	-	-	-	3.54	1.93	0.76	8.13	3.50	2.40	0.75	7.97	3.46	2.87	0.74	7.85	3.50	3.34	0.75	7.98
	5	15	1.22	1.22	0.21	0.63	1.68	1.68	0.29	1.08	2.14	2.14	0.37	2.07	2.61	2.61	0.45	3.30	3.08	3.08	0.53	4.41
		17	1.22	1.22	0.21	0.63	1.69	1.69	0.29	1.09	2.14	2.14	0.37	2.08	2.61	2.61	0.45	3.31	3.08	3.08	0.53	4.42
		19	-	-	-	-	2.03	1.67	0.35	1.80	2.19	2.15	0.38	2.21	2.62	2.62	0.45	3.33	3.09	3.09	0.53	4.44
		20	-	-	-	-	2.81	1.67	0.48	3.78	2.78	2.15	0.48	3.71	2.82	2.62	0.49	3.80	3.10	3.10	0.53	4.47
	6	15	0.99	0.99	0.14	0.42	1.46	1.46	0.21	0.62	1.92	1.92	0.28	0.96	2.37	2.37	0.34	1.69	2.82	2.82	0.41	2.66
		17	0.99	0.99	0.14	0.42	1.46	1.46	0.21	0.62	1.92	1.92	0.28	0.96	2.37	2.37	0.34	1.70	2.83	2.83	0.41	2.67
		19	-	-	-	-	1.57	1.46	0.23	0.67	1.93	1.93	0.28	0.97	2.37	2.37	0.34	1.71	2.84	2.84	0.41	2.68
		20	-	-	-	-	2.11	1.43	0.30	1.24	2.15	1.91	0.31	1.30	2.41	2.38	0.35	1.77	2.84	2.84	0.41	2.69
13	3	15	1.20	1.20	0.35	1.77	1.68	1.68	0.48	3.76	2.16	2.16	0.62	5.74	2.63	2.63	0.76	8.03	3.10	3.10	0.89	10.60
		17	1.21	1.21	0.35	1.78	1.69	1.69	0.48	3.77	2.17	2.17	0.62	5.76	2.64	2.64	0.76	8.05	3.10	3.10	0.89	10.64
		19	-	-	-	-	2.09	1.69	0.60	5.41	2.20	2.18	0.63	5.93	2.64	2.64	0.76	8.08	3.11	3.11	0.89	10.68
		20	-	-	-	-	2.89	1.70	0.83	9.42	2.86	2.17	0.82	9.23	2.86	2.65	0.82	9.25	3.11	3.10	0.89	10.70
	4	15	0.98	0.98	0.21	0.61	1.44	1.44	0.31	1.33	1.91	1.91	0.41	2.76	2.38	2.38	0.51	4.13	2.85	2.85	0.61	5.54
		17	0.98	0.98	0.21	0.61	1.44	1.44	0.31	1.34	1.91	1.91	0.41	2.77	2.39	2.39	0.51	4.15	2.85	2.85	0.61	5.56
		19	-	-	-	-	1.49	1.45	0.32	1.48	1.91	1.91	0.41	2.78	2.39	2.39	0.52	4.16	2.86	2.86	0.61	5.58
		20	-	-	-	-	2.14	1.44	0.46	3.43	2.15	1.92	0.46	3.46	2.41	2.41	0.52	4.21	2.86	2.86	0.61	5.59
	5	15	0.74	0.74	0.13	0.36	1.22	1.22	0.21	0.59	1.67	1.67	0.29	1.10	2.13	2.13	0.37	2.10	2.60	2.60	0.45	3.24
		17	0.74	0.74	0.13	0.36	1.22	1.22	0.21	0.59	1.68	1.68	0.29	1.10	2.13	2.13	0.37	2.11	2.61	2.61	0.45	3.25
		19	-	-	-	-	1.22	1.22	0.21	0.60	1.68	1.68	0.29	1.11	2.14	2.14	0.37	2.12	2.61	2.61	0.45	3.26
		20	-	-	-	-	1.47	1.21	0.25	0.79	1.72	1.69	0.29	1.18	2.14	2.14	0.37	2.13	2.62	2.62	0.45	3.27
	6	15	0.51	0.51	0.07	0.20	0.98	0.98	0.14	0.39	1.45	1.45	0.21	0.58	1.91	1.91	0.27	0.97	2.36	2.36	0.34	1.72
		17	0.51	0.51	0.07	0.20	0.99	0.99	0.14	0.39	1.46	1.46	0.21	0.58	1.91	1.91	0.27	0.98	2.36	2.36	0.34	1.73
		19	-	-	-	-	0.99	0.99	0.14	0.39	1.46	1.46	0.21	0.59	1.92	1.92	0.27	0.98	2.37	2.37	0.34	1.74
		20	-	-	-	-	1.05	1.00	0.15	0.42	1.46	1.46	0.21	0.59	1.92	1.92	0.27	0.99	2.37	2.37	0.34	1.75
15	3	15	0.73	0.73	0.21	0.59	1.20	1.20	0.34	1.78	1.68	1.68	0.48	3.64	2.16	2.16	0.61	5.55	2.62	2.62	0.75	7.77
		17	0.74	0.74	0.21	0.59	1.20	1.20	0.34	1.79	1.68	1.68	0.48	3.65	2.16	2.16	0.62	5.57	2.63	2.63	0.75	7.79
		19	-	-	-	-	1.20	1.20	0.34	1.80	1.69	1.69	0.48	3.66	2.16	2.16	0.62	5.59	2.63	2.63	0.75	7.82
		20	-	-	-	-	1.44	1.20	0.41	2.77	1.69	1.68	0.48	3.68	2.17	2.17	0.62	5.60	2.64	2.64	0.75	7.84
	4	15	0.50	0.50	0.11	0.29	0.98	0.98	0.21	0.58	1.44	1.44	0.31	1.36	1.90	1.90	0.41	2.74	2.38	2.38	0.51	4.02
		17	0.50	0.50	0.11	0.30	0.98	0.98	0.21	0.58	1.44	1.44	0.31	1.36	1.91	1.91	0.41	2.75	2.38	2.38	0.51	4.04
		19	-	-	-	-	0.98	0.98	0.21	0.58	1.44	1.44	0.31	1.37	1.91	1.91	0.41	2.76	2.39	2.39	0.51	4.05
		20	-	-	-	-	1.00	0.99	0.22	0.60	1.44	1.44	0.31	1.37	1.91	1.91	0.41	2.76	2.39	2.39	0.51	4.06
	5	15	0.26	0.26	0.05	0.12	0.75	0.75	0.13	0.35	1.22	1.22	0.21	0.57	1.67	1.67	0.29	1.15	2.13	2.13	0.37	2.18
		17	0.26	0.26	0.05	0.12	0.75	0.75	0.13	0.35	1.22	1.22	0.21	0.57	1.68	1.68	0.29	1.16	2.14	2.14	0.37	2.19
		19	-	-	-	-	0.75	0.75	0.13	0.35	1.22	1.22	0.21	0.58	1.68	1.68	0.29	1.17	2.14	2.14	0.37	2.20
		20	-	-	-	-	0.75	0.74	0.13	0.35	1.22	1.22	0.21	0.58	1.68	1.68	0.29	1.17	2.14	2.14	0.37	2.21
	6	15	-	-	-	-	0.51	0.51	0.07	0.19	0.99	0.99	0.14	0.38	1.45	1.45	0.21	0.56	1.91	1.91	0.27	1.01
		17	-	-	-	-	0.51	0.51	0.07	0.19	0.99	0.99	0.14	0.38	1.46	1.46	0.21	0.56	1.91	1.91	0.27	1.02
		19	-	-	-	-	0.51	0.51	0.07	0.19	0.99	0.99	0.14	0.38	1.46	1.46	0.21	0.57	1.91	1.91	0.27	1.02
		20	-	-	-	-	0.51	0.51	0.07	0.19	0.99	0.99	0.14	0.38	1.46	1.46	0.21	0.57	1.92	1.92	0.28	1.03

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-4-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	5.13	3.99	1.47	34.61	5.09	4.58	1.45	34.13	5.20	5.17	1.49	35.47	5.73	5.73	1.64	41.96	6.30	6.30	1.82	50.13	
		17	6.88	4.01	1.97	57.78	6.83	4.59	1.96	57.05	6.78	5.17	1.94	56.26	6.72	5.74	1.92	55.41	6.68	6.31	1.91	54.85	
		19	-	-	-	-	8.70	4.61	2.50	87.33	8.64	5.19	2.48	86.23	8.58	5.76	2.46	85.20	8.52	6.33	2.45	84.15	
		20	-	-	-	-	9.71	4.62	2.81	107.46	9.64	5.20	2.79	106.13	9.58	5.78	2.77	104.85	9.50	6.34	2.75	103.56	
	4	15	4.48	3.69	0.96	16.74	4.50	4.29	0.97	16.92	4.86	4.86	1.05	19.32	5.43	5.43	1.16	23.14	6.00	6.00	1.29	27.46	
		17	6.22	3.70	1.33	29.22	6.17	4.29	1.32	28.83	6.12	4.87	1.31	28.39	6.07	5.44	1.30	28.04	6.15	6.02	1.32	28.69	
		19	-	-	-	-	8.05	4.31	1.73	45.78	8.00	4.89	1.72	45.23	7.94	5.47	1.70	44.66	7.88	6.03	1.69	44.08	
		20	-	-	-	-	9.06	4.32	1.96	56.76	8.99	4.90	1.94	55.73	8.93	5.48	1.92	55.04	8.87	6.05	1.91	54.39	
	5	15	3.79	3.38	0.65	8.49	4.03	3.98	0.69	9.43	4.56	4.56	0.78	11.65	5.14	5.14	0.88	14.28	5.71	5.71	0.98	17.24	
		17	5.56	3.41	0.96	16.42	5.50	3.99	0.95	16.16	5.46	4.58	0.94	15.94	5.49	5.16	0.94	16.07	5.75	5.73	0.99	17.44	
		19	-	-	-	-	7.38	4.01	1.27	26.57	7.32	4.59	1.26	26.23	7.27	5.17	1.25	25.88	7.21	5.73	1.24	25.50	
		20	-	-	-	-	8.39	4.02	1.45	33.40	8.33	4.61	1.44	32.98	8.27	5.18	1.43	32.59	8.21	5.75	1.41	32.17	
	6	15	3.23	3.08	0.46	4.43	3.67	3.66	0.53	5.85	4.26	4.26	0.61	7.59	4.84	4.84	0.69	9.43	5.42	5.42	0.78	11.41	
		17	4.82	3.09	0.69	9.36	4.78	3.68	0.68	9.21	4.78	4.27	0.68	9.22	4.98	4.86	0.71	9.90	5.43	5.43	0.78	11.50	
		19	-	-	-	-	6.69	3.71	0.96	16.42	6.64	4.29	0.95	16.19	6.58	4.87	0.94	15.94	6.53	5.44	0.94	15.74	
		20	-	-	-	-	7.68	3.71	1.10	20.67	7.62	4.30	1.09	20.41	7.56	4.88	1.08	20.14	7.50	5.45	1.07	19.85	
7	3	15	3.80	3.39	1.10	20.69	4.00	3.98	1.15	22.26	4.57	4.57	1.32	28.39	5.14	5.14	1.49	34.86	5.70	5.70	1.64	41.24	
		17	5.55	3.40	1.61	39.88	5.50	3.99	1.59	39.24	5.45	4.57	1.58	38.63	5.44	5.15	1.57	38.47	5.71	5.71	1.64	41.39	
		19	-	-	-	-	7.38	4.01	2.13	64.90	7.32	4.59	2.11	63.88	7.27	5.17	2.10	63.39	7.22	5.74	2.08	62.63	
		20	-	-	-	-	8.38	4.01	2.43	82.14	8.31	4.60	2.39	79.82	8.25	5.17	2.38	78.81	8.19	5.74	2.36	77.81	
	4	15	3.21	3.09	0.69	9.36	3.68	3.68	0.80	11.86	4.27	4.27	0.92	15.26	4.84	4.84	1.04	18.77	5.41	5.41	1.16	22.75	
		17	4.83	3.09	1.04	18.70	4.78	3.68	1.03	18.37	4.76	4.27	1.02	18.24	4.94	4.86	1.06	19.41	5.42	5.42	1.17	22.83	
		19	-	-	-	-	6.69	3.71	1.45	33.14	6.64	4.29	1.44	32.70	6.58	4.87	1.42	32.22	6.53	5.44	1.41	31.77	
		20	-	-	-	-	7.69	3.72	1.66	42.17	7.63	4.30	1.65	41.64	7.58	4.88	1.64	41.12	7.52	5.45	1.63	40.56	
	5	15	2.78	2.78	0.48	4.86	3.38	3.38	0.58	6.89	3.97	3.97	0.68	9.06	4.55	4.55	0.78	11.44	5.12	5.12	0.88	14.02	
		17	4.09	2.79	0.70	9.54	4.06	3.38	0.70	9.45	4.19	3.98	0.72	9.94	4.56	4.56	0.78	11.50	5.13	5.13	0.88	14.07	
		19	-	-	-	-	5.95	3.40	1.02	18.14	5.90	3.99	1.01	17.86	5.87	4.41	1.06	19.40	5.82	5.14	1.00	17.46	
		20	-	-	-	-	6.96	3.41	1.20	23.73	6.90	4.00	1.19	23.42	6.85	4.58	1.18	23.08	6.79	5.15	1.17	22.74	
	6	15	2.48	2.48	0.36	2.33	3.07	3.07	0.44	4.06	3.66	3.66	0.52	5.76	4.25	4.25	0.61	7.43	4.83	4.83	0.69	9.23	
		17	3.29	2.46	0.47	4.73	3.38	3.07	0.48	4.98	3.71	3.67	0.53	5.91	4.26	4.26	0.61	7.46	4.84	4.84	0.69	9.26	
		19	-	-	-	-	5.19	3.09	0.74	10.44	5.14	3.68	0.74	10.27	5.12	4.26	0.73	10.18	5.21	4.85	0.75	10.52	
		20	-	-	-	-	6.21	3.11	0.89	14.16	6.16	3.70	0.88	14.03	6.11	4.28	0.88	13.88	6.07	4.86	0.87	13.70	
9	3	15	2.78	2.77	0.80	11.78	3.38	3.38	0.97	16.53	3.96	3.96	1.14	21.63	4.55	4.55	1.32	27.81	5.11	5.11	1.47	33.65	
		17	4.10	2.79	1.18	22.90	4.06	3.38	1.17	22.55	4.12	3.98	1.18	23.13	4.56	4.55	1.32	27.90	5.12	5.12	1.47	33.77	
		19	-	-	-	-	5.96	3.40	1.73	44.56	5.91	3.99	1.71	43.88	5.86	4.57	1.70	43.19	5.81	5.14	1.68	42.63	
		20	-	-	-	-	6.94	3.40	2.00	57.42	6.89	3.99	1.98	56.64	6.83	4.57	1.97	55.86	6.77	5.14	1.95	55.03	
	4	15	2.47	2.47	0.53	5.88	3.07	3.07	0.66	8.51	3.67	3.67	0.79	11.49	4.25	4.25	0.91	14.79	4.83	4.83	1.04	18.49	
		17	3.33	2.48	0.72	9.74	3.37	3.08	0.73	9.94	3.69	3.68	0.79	11.64	4.26	4.26	0.92	14.84	4.84	4.84	1.04	18.56	
		19	-	-	-	-	5.21	3.10	1.12	21.06	5.15	3.68	1.11	20.70	5.12	4.27	1.10	20.44	5.16	4.85	1.11	20.73	
		20	-	-	-	-	6.20	3.10	1.33	28.33	6.14	3.69	1.32	27.92	6.10	4.28	1.32	27.86	6.05	4.85	1.31	27.45	
	5	15	2.17	2.17	0.37	2.70	2.77	2.77	0.48	4.82	3.37	3.37	0.58	6.75	3.95	3.95	0.68	8.88	4.53	4.53	0.78	11.21	
		17	2.55	2.17	0.44	4.08	2.85	2.78	0.49	5.08	3.37	3.37	0.58	6.78	3.96	3.96	0.68	8.91	4.54	4.54	0.78	11.25	
		19	-	-	-	-	4.41	2.79	0.76	10.68	4.37	3.38	0.75	10.53	4.41	3.97	0.76	10.68	4.66	4.56	0.80	11.76	
		20	-	-	-	-	5.43	2.80	0.94	15.33	5.38	3.39	0.93	15.07	5.33	3.98	0.92	14.83	5.31	4.56	0.92	14.74	
	6	15	1.89	1.89	0.27	1.19	2.47	2.47	0.35	2.38	3.06	3.06	0.44	4.08	3.65	3.65	0.52	5.67	4.24	4.24	0.61	7.29	
		17	2.05	1.89	0.29	1.44	2.48	2.48	0.36	2.40	3.07	3.07	0.44	4.10	3.66	3.66	0.53	5.69	4.25	4.25	0.61	7.31	
		19	-	-	-	-	3.57	2.47	0.51	5.45	3.60	3.07	0.52	5.52	3.85	3.68	0.55	6.19	4.26	4.26	0.61	7.36	
		20	-	-	-	-	4.60	2.49	0.66	8.36	4.55	3.08	0.65	8.22	4.53	3.67	0.65	8.17	4.65	4.27	0.67	8.54	

(Continued)

NFD-V600-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
11	3	15	2.17	2.17	0.62	7.51	2.77	2.77	0.79	11.40	3.36	3.36	0.96	15.88	3.95	3.95	1.13	20.94	4.52	4.52	1.29	26.55
		17	2.56	2.17	0.73	9.96	2.81	2.79	0.80	11.68	3.37	3.37	0.96	15.94	3.95	3.95	1.13	21.02	4.53	4.53	1.29	26.65
		19	-	-	-	-	4.40	2.78	1.26	25.33	4.36	3.38	1.25	24.90	4.36	3.96	1.24	24.85	4.59	4.55	1.31	27.23
		20	-	-	-	-	5.42	2.80	1.55	36.53	5.37	3.39	1.54	35.92	5.32	3.97	1.52	35.33	5.28	4.55	1.51	34.88
	4	15	1.86	1.86	0.40	3.27	2.47	2.47	0.53	5.72	3.06	3.06	0.66	8.27	3.65	3.65	0.78	11.15	4.23	4.23	0.91	14.35
		17	1.94	1.88	0.42	3.63	2.47	2.47	0.53	5.74	3.07	3.07	0.66	8.30	3.66	3.66	0.78	11.19	4.24	4.24	0.91	14.40
		19	-	-	-	-	3.59	2.48	0.77	10.82	3.59	3.08	0.77	10.82	3.80	3.68	0.81	11.92	4.25	4.25	0.91	14.46
		20	-	-	-	-	4.60	2.49	0.99	16.55	4.55	3.08	0.98	16.27	4.52	3.67	0.97	16.07	4.58	4.26	0.98	16.45
	5	15	1.58	1.58	0.27	1.20	2.17	2.17	0.37	2.79	2.77	2.77	0.48	4.77	3.36	3.36	0.58	6.63	3.94	3.94	0.68	8.71
		17	1.59	1.59	0.27	1.23	2.17	2.17	0.37	2.81	2.77	2.77	0.48	4.78	3.37	3.37	0.58	6.66	3.95	3.95	0.68	8.74
		19	-	-	-	-	2.76	2.17	0.47	4.74	2.97	2.79	0.51	5.38	3.39	3.38	0.58	6.72	3.96	3.96	0.68	8.77
		20	-	-	-	-	3.75	2.18	0.65	7.98	3.73	2.78	0.64	7.90	3.80	3.38	0.65	8.16	4.08	3.97	0.70	9.24
	6	15	1.28	1.28	0.18	0.70	1.88	1.88	0.27	1.20	2.47	2.47	0.35	2.46	3.06	3.06	0.44	4.09	3.64	3.64	0.52	5.51
		17	1.29	1.29	0.18	0.70	1.89	1.89	0.27	1.20	2.47	2.47	0.35	2.47	3.06	3.06	0.44	4.10	3.65	3.65	0.52	5.53
		19	-	-	-	-	2.12	1.89	0.30	1.64	2.51	2.48	0.36	2.58	3.07	3.07	0.44	4.12	3.66	3.66	0.52	5.55
		20	-	-	-	-	2.84	1.86	0.41	3.50	2.91	2.47	0.42	3.69	3.23	3.08	0.46	4.51	3.67	3.66	0.52	5.58
13	3	15	1.56	1.56	0.45	4.26	2.17	2.17	0.62	7.47	2.76	2.76	0.79	11.31	3.35	3.35	0.96	15.77	3.93	3.93	1.13	20.78
		17	1.56	1.56	0.45	4.27	2.17	2.17	0.62	7.49	2.77	2.77	0.80	11.35	3.36	3.36	0.97	15.83	3.94	3.94	1.13	20.85
		19	-	-	-	-	2.75	2.17	0.79	11.25	2.90	2.79	0.83	12.30	3.37	3.36	0.97	15.88	3.95	3.95	1.14	20.93
		20	-	-	-	-	3.75	2.18	1.08	19.12	3.71	2.78	1.07	18.81	3.73	3.37	1.07	18.97	4.00	3.97	1.15	21.37
	4	15	1.26	1.26	0.27	1.22	1.86	1.86	0.40	3.38	2.46	2.46	0.53	5.59	3.05	3.05	0.65	8.09	3.64	3.64	0.78	10.91
		17	1.27	1.27	0.27	1.23	1.86	1.86	0.40	3.40	2.46	2.46	0.53	5.61	3.06	3.06	0.66	8.12	3.65	3.65	0.78	10.95
		19	-	-	-	-	2.02	1.88	0.44	4.03	2.47	2.47	0.53	5.65	3.07	3.07	0.66	8.15	3.65	3.65	0.78	11.00
		20	-	-	-	-	2.85	1.87	0.61	7.19	2.88	2.47	0.62	7.33	3.17	3.08	0.68	8.64	3.66	3.65	0.78	11.01
	5	15	0.97	0.97	0.17	0.61	1.57	1.57	0.27	1.20	2.16	2.16	0.37	2.82	2.75	2.75	0.47	4.63	3.35	3.35	0.57	6.44
		17	0.97	0.97	0.17	0.61	1.57	1.57	0.27	1.21	2.16	2.16	0.37	2.83	2.76	2.76	0.47	4.65	3.35	3.35	0.58	6.46
		19	-	-	-	-	1.61	1.58	0.28	1.28	2.17	2.17	0.37	2.85	2.77	2.77	0.47	4.67	3.36	3.36	0.58	6.49
		20	-	-	-	-	1.97	1.56	0.34	2.23	2.28	2.18	0.39	3.24	2.77	2.77	0.48	4.69	3.36	3.36	0.58	6.50
	6	15	0.66	0.66	0.09	0.34	1.28	1.28	0.18	0.66	1.88	1.88	0.27	1.21	2.46	2.46	0.35	2.50	3.05	3.05	0.44	4.01
		17	0.66	0.66	0.10	0.34	1.28	1.28	0.18	0.66	1.88	1.88	0.27	1.21	2.46	2.46	0.35	2.51	3.05	3.05	0.44	4.02
		19	-	-	-	-	1.29	1.28	0.18	0.66	1.88	1.88	0.27	1.22	2.47	2.47	0.35	2.52	3.06	3.06	0.44	4.04
		20	-	-	-	-	1.44	1.29	0.21	0.74	1.91	1.89	0.27	1.27	2.47	2.47	0.35	2.53	3.06	3.06	0.44	4.05
15	3	15	0.95	0.95	0.27	1.22	1.55	1.55	0.44	4.12	2.16	2.16	0.61	7.21	2.75	2.75	0.78	10.93	3.34	3.34	0.96	15.46
		17	0.95	0.95	0.27	1.23	1.55	1.55	0.44	4.14	2.16	2.16	0.62	7.24	2.76	2.76	0.79	10.97	3.35	3.35	0.96	15.52
		19	-	-	-	-	1.56	1.54	0.44	4.15	2.17	2.17	0.62	7.27	2.76	2.76	0.79	11.01	3.35	3.35	0.96	15.58
		20	-	-	-	-	1.96	1.56	0.56	6.13	2.23	2.19	0.64	7.64	2.76	2.76	0.79	11.03	3.36	3.36	0.97	15.61
	4	15	0.65	0.65	0.14	0.50	1.26	1.26	0.27	1.23	1.85	1.85	0.40	3.36	2.45	2.45	0.53	5.50	3.04	3.04	0.65	7.93
		17	0.65	0.65	0.14	0.50	1.26	1.26	0.27	1.24	1.86	1.86	0.40	3.37	2.46	2.46	0.53	5.52	3.05	3.05	0.65	7.96
		19	-	-	-	-	1.26	1.26	0.27	1.25	1.86	1.86	0.40	3.39	2.46	2.46	0.53	5.54	3.06	3.06	0.66	7.99
		20	-	-	-	-	1.34	1.28	0.29	1.46	1.86	1.85	0.40	3.39	2.47	2.47	0.53	5.55	3.06	3.06	0.66	8.01
	5	15	0.34	0.34	0.06	0.20	0.97	0.97	0.17	0.58	1.57	1.57	0.27	1.25	2.15	2.15	0.37	2.90	2.75	2.75	0.47	4.59
		17	0.34	0.34	0.06	0.20	0.97	0.97	0.17	0.58	1.57	1.57	0.27	1.26	2.16	2.16	0.37	2.92	2.76	2.76	0.48	4.60
		19	-	-	-	-	0.97	0.97	0.17	0.58	1.57	1.57	0.27	1.27	2.16	2.16	0.37	2.93	2.76	2.76	0.48	4.62
		20	-	-	-	-	0.98	0.97	0.17	0.59	1.58	1.58	0.27	1.27	2.17	2.17	0.37	2.94	2.76	2.76	0.48	4.63
	6	15	-	-	-	-	0.66	0.66	0.09	0.32	1.28	1.28	0.18	0.63	1.87	1.87	0.27	1.25	2.45	2.45	0.35	2.57
		17	-	-	-	-	0.66	0.66	0.10	0.32	1.28	1.28	0.18	0.63	1.87	1.87	0.27	1.26	2.45	2.45	0.35	2.59
		19	-	-	-	-	0.66	0.66	0.10	0.33	1.28	1.28	0.18	0.63	1.88	1.88	0.27	1.27	2.46	2.46	0.35	2.60
		20	-	-	-	-	0.67	0.67	0.10	0.33	1.28	1.28	0.18	0.63	1.88	1.88	0.27	1.27	2.46	2.46	0.35	2.61

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V800-4-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
5	3	15	6.04	4.82	1.74	9.31	5.98	5.56	1.72	9.15	6.30	6.30	1.81	9.99	7.03	7.03	2.02	12.05	7.75	7.75	2.23	14.25	
		17	8.24	4.84	2.37	15.84	8.18	5.58	2.35	15.66	8.13	6.32	2.34	15.49	8.08	7.04	2.32	15.30	8.01	7.76	2.30	15.09	
		19	-	-	-	-	10.54	5.60	3.03	24.24	10.47	6.33	3.01	23.98	10.41	7.06	2.99	23.72	10.35	7.78	2.98	23.47	
		20	-	-	-	-	11.77	5.59	3.36	29.00	11.70	6.33	3.34	28.70	11.62	7.06	3.32	28.38	11.56	7.79	3.30	28.09	
	4	15	4.99	4.35	1.07	4.05	5.09	5.06	1.09	4.21	5.85	5.85	1.26	5.37	6.59	6.59	1.42	6.56	7.32	7.32	1.58	7.84	
		17	7.26	4.39	1.56	7.74	7.21	5.14	1.55	7.65	7.16	5.87	1.54	7.55	7.09	6.60	1.53	7.43	7.32	7.31	1.58	7.86	
		19	-	-	-	-	9.56	5.15	2.05	12.27	9.50	5.89	2.03	12.14	9.44	6.62	2.02	12.00	9.38	7.34	2.01	11.87	
		20	-	-	-	-	10.81	5.16	2.32	15.16	10.74	5.90	2.30	15.00	10.68	6.63	2.29	14.84	10.61	7.36	2.27	14.68	
	5	15	4.14	3.98	0.71	1.43	4.69	4.69	0.80	2.00	5.40	5.40	0.93	2.91	6.13	6.13	1.05	3.89	6.87	6.87	1.18	4.77	
		17	6.17	3.92	1.06	3.94	6.13	4.67	1.05	3.88	6.06	5.40	1.04	3.80	6.13	6.12	1.05	3.90	6.88	6.88	1.18	4.79	
		19	-	-	-	-	8.54	4.71	1.46	6.89	8.48	5.45	1.45	6.81	8.43	6.18	1.45	6.73	8.37	6.91	1.44	6.65	
		20	-	-	-	-	9.81	4.72	1.68	8.72	9.74	5.46	1.67	8.62	9.68	6.20	1.66	8.52	9.62	6.92	1.65	8.43	
	6	15	3.63	3.63	0.52	0.78	4.34	4.34	0.62	1.03	5.03	5.03	0.72	1.49	5.72	5.72	0.82	2.12	6.43	6.43	0.92	2.87	
		17	5.24	3.53	0.75	1.68	5.20	4.28	0.74	1.64	5.20	5.03	0.74	1.64	5.73	5.73	0.82	2.12	6.44	6.44	0.92	2.88	
		19	-	-	-	-	7.45	4.25	1.07	3.96	7.39	4.99	1.06	3.91	7.34	5.73	1.05	3.86	7.27	6.45	1.04	3.78	
		20	-	-	-	-	8.75	4.28	1.25	5.25	8.69	5.02	1.24	5.19	8.63	5.76	1.24	5.13	8.57	6.48	1.23	5.07	
7	3	15	4.31	4.06	1.24	5.16	4.81	4.81	1.38	6.16	5.55	5.55	1.59	7.87	6.29	6.29	1.80	9.74	7.01	7.01	2.01	11.74	
		17	6.54	4.08	1.88	10.43	6.50	4.83	1.86	10.31	6.44	5.57	1.85	10.15	6.41	6.30	1.84	10.06	7.02	7.02	2.01	11.77	
		19	-	-	-	-	8.88	4.85	2.56	17.84	8.82	5.59	2.55	17.64	8.76	6.32	2.53	17.44	8.70	7.05	2.51	17.25	
		20	-	-	-	-	10.10	4.85	2.90	22.04	10.04	5.59	2.88	21.79	9.97	6.32	2.86	21.55	9.91	7.05	2.84	21.32	
	4	15	3.62	3.61	0.78	1.88	4.35	4.35	0.94	3.03	5.11	5.11	1.10	4.18	5.85	5.85	1.26	5.28	6.59	6.59	1.42	6.45	
		17	5.49	3.63	1.18	4.73	5.44	4.38	1.17	4.65	5.39	5.12	1.16	4.58	5.86	5.86	1.26	5.29	6.60	6.60	1.42	6.47	
		19	-	-	-	-	7.84	4.41	1.69	8.69	7.79	5.15	1.68	8.59	7.74	5.89	1.67	8.49	7.67	6.62	1.65	8.36	
		20	-	-	-	-	9.10	4.42	1.96	11.20	9.04	5.17	1.95	11.07	8.98	5.90	1.93	10.95	8.92	6.63	1.92	10.82	
	5	15	3.29	3.29	0.57	0.86	3.99	3.99	0.69	1.36	4.68	4.68	0.81	2.10	5.40	5.40	0.93	2.99	6.14	6.14	1.06	3.88	
		17	4.44	3.21	0.77	1.82	4.40	3.96	0.76	1.78	4.69	4.67	0.81	2.10	5.41	5.41	0.93	3.01	6.15	6.15	1.06	3.89	
		19	-	-	-	-	6.74	3.96	1.16	4.55	6.69	4.71	1.15	4.49	6.65	5.62	1.19	8.80	6.57	6.17	1.13	4.36	
		20	-	-	-	-	8.02	3.98	1.38	6.11	7.96	4.73	1.37	6.04	7.91	5.46	1.36	5.97	7.85	6.19	1.35	5.89	
	6	15	2.91	2.91	0.42	0.59	3.64	3.64	0.52	0.75	4.34	4.34	0.62	1.06	5.03	5.03	0.72	1.58	5.73	5.73	0.82	2.24	
		17	3.59	2.88	0.52	0.74	3.74	3.64	0.54	0.78	4.35	4.35	0.63	1.07	5.04	5.04	0.72	1.58	5.73	5.73	0.82	2.25	
		19	-	-	-	-	5.63	3.53	0.81	2.14	5.58	4.27	0.80	2.09	5.53	5.02	0.80	2.05	5.75	5.74	0.83	2.26	
		20	-	-	-	-	6.86	3.53	0.99	3.41	6.81	4.27	0.98	3.36	6.76	5.01	0.97	3.31	6.69	5.74	0.96	3.24	
9	3	15	3.30	3.30	0.95	3.14	4.06	4.06	1.16	4.56	4.81	4.81	1.38	6.08	5.55	5.55	1.59	7.76	6.28	6.28	1.80	9.59	
		17	4.74	3.32	1.36	5.92	4.68	4.07	1.34	5.79	4.81	4.78	1.38	6.08	5.56	5.56	1.60	7.78	6.29	6.29	1.80	9.61	
		19	-	-	-	-	7.07	4.09	2.03	11.74	7.02	4.84	2.01	11.60	6.96	5.57	2.00	11.44	6.90	6.30	1.98	11.25	
		20	-	-	-	-	8.32	4.10	2.40	15.65	8.27	4.85	2.38	15.44	8.21	5.58	2.36	15.25	8.15	6.31	2.34	15.05	
	4	15	2.92	2.92	0.63	1.11	3.63	3.63	0.78	2.00	4.37	4.37	0.94	3.13	5.12	5.12	1.11	4.16	5.85	5.85	1.26	5.17	
		17	3.60	2.88	0.78	1.96	3.66	3.64	0.79	2.05	4.38	4.38	0.95	3.15	5.13	5.13	1.11	4.17	5.86	5.86	1.26	5.19	
		19	-	-	-	-	5.96	3.65	1.28	5.34	5.91	4.40	1.27	5.26	5.84	5.14	1.26	5.16	5.91	5.88	1.27	5.26	
		20	-	-	-	-	7.23	3.67	1.56	7.41	7.18	4.42	1.54	7.32	7.13	5.16	1.53	7.23	7.06	5.89	1.52	7.12	
	5	15	2.56	2.56	0.44	0.60	3.28	3.28	0.56	0.85	3.97	3.97	0.68	1.39	4.68	4.68	0.81	2.17	5.41	5.41	0.93	3.04	
		17	2.76	2.55	0.48	0.65	3.28	3.27	0.57	0.85	3.98	3.98	0.68	1.40	4.69	4.69	0.81	2.17	5.42	5.42	0.93	3.05	
		19	-	-	-	-	4.77	3.20	0.82	2.27	4.71	3.95	0.81	2.21	4.77	4.70	0.82	2.27	5.43	5.43	0.93	3.07	
		20	-	-	-	-	6.06	3.22	1.04	3.74	6.01	3.97	1.03	3.69	5.94	4.71	1.02	3.62	5.89	5.44	1.01	3.56	
	6	15	2.19	2.19	0.31	0.42	2.91	2.91	0.42	0.56	3.64	3.64	0.52	0.73	4.33	4.33	0.62	1.09	5.02	5.02	0.72	1.62	
		17	2.20	2.20	0.32	0.42	2.92	2.92	0.42	0.56	3.64	3.64	0.52	0.73	4.34	4.34	0.62	1.09	5.03	5.03	0.72	1.63	
		19	-	-	-	-	3.87	2.88	0.55	0.82	3.90	3.63	0.56	0.83	4.34	4.34	0.62	1.10	5.03	5.03	0.72	1.64	
		20	-	-	-	-	4.93	2.81	0.71	1.55	4.88	3.56	0.70	1.51	4.84	4.31	0.69	1.48	5.07	5.05	0.73	1.67	

(Continued)

NFD-V800-4-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	2.55	2.55	0.73	1.68	3.30	3.30	0.94	3.11	4.06	4.06	1.16	4.44	4.81	4.81	1.37	5.91	5.54	5.54	1.58	7.53	
		17	2.74	2.55	0.78	2.03	3.31	3.30	0.94	3.12	4.07	4.07	1.16	4.45	4.81	4.81	1.37	5.92	5.55	5.55	1.58	7.55	
		19	-	-	-	-	5.13	3.33	1.46	6.60	5.07	4.08	1.44	6.46	5.04	4.82	1.44	6.41	5.56	5.56	1.58	7.57	
		20	-	-	-	-	6.39	3.34	1.82	9.61	6.34	4.09	1.81	9.48	6.28	4.83	1.79	9.34	6.22	5.57	1.77	9.17	
	4	15	2.20	2.20	0.47	0.62	2.92	2.92	0.62	1.12	3.63	3.63	0.78	2.01	4.37	4.37	0.94	3.07	5.12	5.12	1.10	4.02	
		17	2.21	2.19	0.47	0.62	2.92	2.92	0.63	1.12	3.63	3.63	0.78	2.02	4.38	4.38	0.94	3.08	5.13	5.13	1.10	4.03	
		19	-	-	-	-	3.88	2.88	0.83	2.39	3.86	3.63	0.83	2.36	4.38	4.37	0.94	3.09	5.14	5.14	1.10	4.05	
		20	-	-	-	-	5.21	2.91	1.12	4.14	5.15	3.66	1.10	4.07	5.09	4.40	1.09	3.99	5.18	5.15	1.11	4.11	
	5	15	1.84	1.84	0.32	0.41	2.57	2.57	0.44	0.57	3.29	3.29	0.57	0.87	3.98	3.98	0.68	1.46	4.69	4.69	0.81	2.24	
		17	1.84	1.84	0.32	0.41	2.57	2.57	0.44	0.57	3.29	3.29	0.57	0.87	3.98	3.98	0.69	1.46	4.70	4.70	0.81	2.25	
		19	-	-	-	-	2.97	2.55	0.51	0.70	3.31	3.31	0.57	0.89	3.99	3.99	0.69	1.47	4.71	4.71	0.81	2.26	
		20	-	-	-	-	4.02	2.49	0.69	1.50	3.97	3.24	0.68	1.45	4.07	4.00	0.70	1.55	4.71	4.71	0.81	2.27	
	6	15	1.47	1.47	0.21	0.27	2.20	2.20	0.32	0.40	2.92	2.92	0.42	0.53	3.64	3.64	0.52	0.73	4.33	4.33	0.62	1.13	
		17	1.47	1.47	0.21	0.27	2.20	2.20	0.32	0.40	2.93	2.93	0.42	0.53	3.65	3.65	0.52	0.73	4.33	4.33	0.62	1.13	
		19	-	-	-	-	2.27	2.21	0.33	0.41	2.93	2.93	0.42	0.53	3.65	3.65	0.52	0.73	4.34	4.34	0.62	1.14	
		20	-	-	-	-	3.05	2.16	0.44	0.55	3.14	2.93	0.45	0.57	3.66	3.65	0.52	0.73	4.35	4.35	0.62	1.14	
13	3	15	1.85	1.85	0.53	0.75	2.56	2.56	0.74	1.79	3.32	3.32	0.95	3.14	4.07	4.07	1.17	4.43	4.81	4.81	1.38	5.89	
		17	1.85	1.85	0.53	0.75	2.57	2.57	0.74	1.79	3.32	3.32	0.95	3.14	4.08	4.08	1.17	4.45	4.82	4.82	1.38	5.91	
		19	-	-	-	-	2.99	2.56	0.86	2.59	3.31	3.28	0.95	3.13	4.08	4.08	1.17	4.46	4.83	4.83	1.39	5.93	
		20	-	-	-	-	4.31	2.59	1.24	4.89	4.25	3.34	1.22	4.77	4.25	4.09	1.22	4.78	4.83	4.82	1.39	5.94	
	4	15	1.48	1.48	0.32	0.40	2.21	2.21	0.48	0.61	2.91	2.91	0.63	1.18	3.63	3.63	0.78	2.11	4.38	4.38	0.94	3.07	
		17	1.48	1.48	0.32	0.40	2.21	2.21	0.48	0.61	2.92	2.92	0.63	1.18	3.64	3.64	0.78	2.12	4.39	4.39	0.94	3.08	
		19	-	-	-	-	2.24	2.23	0.48	0.62	2.92	2.92	0.63	1.19	3.64	3.64	0.78	2.13	4.40	4.40	0.95	3.09	
		20	-	-	-	-	3.04	2.16	0.65	1.32	3.07	2.92	0.66	1.36	3.65	3.64	0.79	2.13	4.40	4.40	0.95	3.10	
	5	15	1.10	1.10	0.19	0.23	1.83	1.83	0.31	0.39	2.56	2.56	0.44	0.54	3.27	3.27	0.56	0.88	3.97	3.97	0.68	1.49	
		17	1.11	1.11	0.19	0.23	1.84	1.84	0.32	0.39	2.57	2.57	0.44	0.54	3.28	3.28	0.56	0.88	3.97	3.97	0.68	1.49	
		19	-	-	-	-	1.84	1.83	0.32	0.39	2.57	2.57	0.44	0.54	3.28	3.28	0.56	0.89	3.98	3.98	0.68	1.50	
		20	-	-	-	-	2.08	1.82	0.36	0.44	2.58	2.57	0.44	0.55	3.29	3.29	0.56	0.89	3.98	3.98	0.68	1.50	
	6	15	0.74	0.74	0.11	0.13	1.47	1.47	0.21	0.25	2.20	2.20	0.31	0.38	2.92	2.92	0.42	0.50	3.63	3.63	0.52	0.73	
		17	0.74	0.74	0.11	0.13	1.47	1.47	0.21	0.25	2.20	2.20	0.32	0.38	2.93	2.93	0.42	0.51	3.64	3.64	0.52	0.73	
		19	-	-	-	-	1.48	1.48	0.21	0.25	2.21	2.21	0.32	0.38	2.93	2.93	0.42	0.51	3.65	3.65	0.52	0.74	
		20	-	-	-	-	1.50	1.49	0.21	0.26	2.21	2.21	0.32	0.38	2.94	2.94	0.42	0.51	3.65	3.65	0.52	0.74	
15	3	15	1.11	1.11	0.32	0.38	1.84	1.84	0.52	0.74	2.55	2.55	0.73	1.80	3.31	3.31	0.94	3.04	4.06	4.06	1.16	4.30	
		17	1.11	1.11	0.32	0.38	1.84	1.84	0.53	0.75	2.56	2.56	0.73	1.81	3.32	3.32	0.95	3.05	4.07	4.07	1.16	4.31	
		19	-	-	-	-	1.85	1.85	0.53	0.75	2.56	2.56	0.73	1.81	3.32	3.32	0.95	3.06	4.07	4.07	1.16	4.33	
		20	-	-	-	-	2.06	1.83	0.59	1.01	2.56	2.54	0.73	1.81	3.33	3.33	0.95	3.07	4.08	4.08	1.16	4.33	
	4	15	0.74	0.74	0.16	0.19	1.48	1.48	0.32	0.37	2.21	2.21	0.47	0.59	2.91	2.91	0.62	1.20	3.63	3.63	0.78	2.12	
		17	0.74	0.74	0.16	0.19	1.48	1.48	0.32	0.38	2.21	2.21	0.47	0.60	2.91	2.91	0.62	1.21	3.64	3.64	0.78	2.13	
		19	-	-	-	-	1.48	1.48	0.32	0.38	2.22	2.22	0.47	0.60	2.92	2.92	0.63	1.21	3.64	3.64	0.78	2.14	
		20	-	-	-	-	1.48	1.46	0.32	0.38	2.22	2.22	0.48	0.60	2.92	2.92	0.63	1.21	3.65	3.65	0.78	2.14	
	5	15	0.38	0.38	0.07	0.08	1.11	1.11	0.19	0.22	1.85	1.85	0.32	0.37	2.57	2.57	0.44	0.53	3.27	3.27	0.56	0.93	
		17	0.38	0.38	0.07	0.08	1.12	1.12	0.19	0.22	1.85	1.85	0.32	0.37	2.58	2.58	0.44	0.53	3.28	3.28	0.56	0.93	
		19	-	-	-	-	1.12	1.12	0.19	0.22	1.85	1.85	0.32	0.37	2.58	2.58	0.45	0.53	3.28	3.28	0.57	0.93	
		20	-	-	-	-	1.12	1.12	0.19	0.22	1.85	1.85	0.32	0.37	2.59	2.59	0.45	0.53	3.29	3.29	0.57	0.94	
	6	15	-	-	-	-	0.75	0.75	0.11	0.12	1.48	1.48	0.21	0.24	2.21	2.21	0.32	0.36	2.93	2.93	0.42	0.49	
		17	-	-	-	-	0.75	0.75	0.11	0.12	1.48	1.48	0.21	0.24	2.21	2.21	0.32	0.36	2.93	2.93	0.42	0.49	
		19	-	-	-	-	0.75	0.75	0.11	0.12	1.49	1.49	0.21	0.24	2.22	2.22	0.32	0.36	2.94	2.94	0.42	0.49	
		20	-	-	-	-	0.75	0.75	0.11	0.12	1.49	1.49	0.21	0.24	2.22	2.22	0.32	0.36	2.94	2.94	0.42	0.49	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	7.14	5.67	2.05	13.44	7.07	6.53	2.03	13.22	7.39	7.38	2.12	14.27	8.23	8.23	2.35	16.98	9.09	9.09	2.61	20.37
		17	9.70	5.68	2.79	22.79	9.64	6.55	2.77	22.54	9.58	7.41	2.75	22.30	9.51	8.26	2.74	22.04	9.44	9.10	2.72	21.76
		19	-	-	-	-	12.36	6.56	3.54	34.34	12.29	7.42	3.52	33.99	12.22	8.27	3.49	33.64	12.15	9.12	3.47	33.29
		20	-	-	-	-	13.83	6.57	3.97	41.99	13.75	7.44	3.95	41.58	13.67	8.29	3.93	41.16	13.59	9.14	3.90	40.74
	4	15	5.98	5.15	1.29	6.05	6.06	6.03	1.31	6.19	6.89	6.89	1.48	7.70	7.75	7.75	1.67	9.40	8.59	8.59	1.84	11.10
		17	8.57	5.17	1.84	11.06	8.52	6.04	1.82	10.93	8.46	6.90	1.81	10.81	8.38	7.76	1.80	10.64	8.61	8.60	1.84	11.13
		19	-	-	-	-	11.30	6.07	2.43	17.92	11.23	6.94	2.42	17.74	11.16	7.79	2.40	17.55	11.09	8.64	2.39	17.36
		20	-	-	-	-	12.75	6.08	2.75	22.08	12.67	6.94	2.73	21.85	12.60	7.80	2.71	21.63	12.52	8.65	2.70	21.41
	5	15	4.86	4.65	0.84	2.40	5.50	5.50	0.94	3.31	6.37	6.37	1.09	4.55	7.24	7.24	1.24	5.65	8.09	8.09	1.39	6.83
		17	7.39	4.66	1.27	5.85	7.34	5.53	1.26	5.78	7.26	6.39	1.25	5.68	7.34	7.26	1.26	5.78	8.11	8.11	1.39	6.85
		19	-	-	-	-	10.14	5.57	1.74	10.02	10.07	6.43	1.73	9.91	10.01	7.29	1.72	9.80	9.94	8.14	1.70	9.68
		20	-	-	-	-	11.61	5.58	1.99	12.63	11.54	6.45	1.98	12.49	11.46	7.30	1.97	12.36	11.39	8.15	1.95	12.23
	6	15	4.30	4.27	0.61	1.09	5.08	5.08	0.73	1.67	5.89	5.89	0.84	2.48	6.73	6.73	0.96	3.48	7.59	7.59	1.09	4.46
		17	6.17	4.14	0.88	2.81	6.11	5.02	0.87	2.74	6.12	5.89	0.88	2.75	6.74	6.74	0.96	3.49	7.60	7.60	1.09	4.48
		19	-	-	-	-	8.94	5.06	1.28	5.92	8.88	5.93	1.27	5.85	8.81	6.79	1.26	5.78	8.73	7.63	1.25	5.69
		20	-	-	-	-	10.43	5.08	1.49	7.69	10.36	5.95	1.48	7.60	10.29	6.81	1.47	7.52	10.23	7.66	1.46	7.43
7	3	15	5.13	4.78	1.47	7.48	5.65	5.65	1.62	8.82	6.52	6.52	1.87	11.26	7.38	7.38	2.11	13.92	8.24	8.24	2.38	17.02
		17	7.75	4.81	2.24	15.34	7.70	5.68	2.22	15.16	7.61	6.53	2.18	14.67	7.58	7.39	2.17	14.57	8.25	8.25	2.38	17.07
		19	-	-	-	-	10.42	5.69	2.99	25.25	10.35	6.55	2.97	24.98	10.29	7.41	2.95	24.70	10.22	8.26	2.93	24.43
		20	-	-	-	-	11.90	5.70	3.44	32.21	11.82	6.57	3.42	31.86	11.75	7.43	3.40	31.53	11.68	8.28	3.38	31.20
	4	15	4.26	4.24	0.92	3.12	5.15	5.15	1.11	4.61	6.03	6.03	1.30	6.03	6.89	6.89	1.49	7.57	7.75	7.75	1.67	9.24
		17	6.55	4.30	1.41	6.94	6.49	5.17	1.40	6.84	6.45	6.04	1.39	6.75	6.90	6.89	1.49	7.58	7.76	7.76	1.67	9.26
		19	-	-	-	-	9.29	5.20	2.01	12.66	9.23	6.07	1.99	12.51	9.17	6.93	1.98	12.37	9.09	7.78	1.96	12.20
		20	-	-	-	-	10.75	5.21	2.32	16.26	10.68	6.08	2.31	16.09	10.61	6.94	2.29	15.91	10.54	7.79	2.28	15.74
	5	15	3.85	3.85	0.66	1.34	4.66	4.66	0.80	2.25	5.51	5.51	0.95	3.40	6.39	6.39	1.10	4.51	7.25	7.25	1.25	5.59
		17	5.25	3.77	0.90	3.04	5.19	4.64	0.89	2.96	5.52	5.52	0.95	3.42	6.40	6.40	1.10	4.52	7.26	7.26	1.25	5.61
		19	-	-	-	-	8.05	4.70	1.38	6.68	7.99	5.57	1.37	6.60	7.98	6.66	1.47	13.80	7.87	7.28	1.35	6.42
		20	-	-	-	-	9.53	4.71	1.64	8.90	9.46	5.58	1.63	8.80	9.40	6.45	1.62	8.69	9.33	7.30	1.61	8.59
	6	15	3.44	3.44	0.49	0.76	4.27	4.27	0.61	1.11	5.08	5.08	0.73	1.76	5.90	5.90	0.85	2.63	6.75	6.75	0.97	3.59
		17	4.26	3.39	0.61	1.10	4.43	4.27	0.64	1.22	5.08	5.08	0.73	1.77	5.91	5.91	0.85	2.64	6.76	6.76	0.97	3.60
		19	-	-	-	-	6.73	4.18	0.97	3.56	6.67	5.05	0.96	3.49	6.60	5.91	0.95	3.42	6.84	6.79	0.98	3.68
		20	-	-	-	-	8.23	4.20	1.18	5.06	8.18	5.07	1.17	5.00	8.11	5.94	1.16	4.94	8.03	6.79	1.15	4.85
9	3	15	3.90	3.90	1.12	4.62	4.79	4.79	1.37	6.54	5.66	5.66	1.62	8.71	6.52	6.52	1.87	11.10	7.37	7.37	2.11	13.70
		17	5.63	3.92	1.61	8.62	5.56	4.79	1.59	8.45	5.70	5.68	1.63	8.81	6.53	6.53	1.87	11.13	7.38	7.38	2.12	13.73
		19	-	-	-	-	8.34	4.81	2.40	17.07	8.29	5.68	2.39	16.87	8.23	6.55	2.37	16.65	8.15	7.40	2.35	16.38
		20	-	-	-	-	9.79	4.82	2.81	22.37	9.73	5.69	2.79	22.12	9.66	6.55	2.77	21.86	9.60	7.40	2.76	21.61
	4	15	3.42	3.42	0.74	1.85	4.28	4.28	0.92	3.25	5.15	5.15	1.11	4.53	6.03	6.03	1.30	5.91	6.89	6.89	1.48	7.41
		17	4.30	3.40	0.93	3.29	4.38	4.29	0.95	3.41	5.16	5.16	1.11	4.54	6.04	6.04	1.30	5.92	6.90	6.90	1.48	7.44
		19	-	-	-	-	7.10	4.32	1.53	7.80	7.04	5.19	1.51	7.69	6.97	6.05	1.50	7.55	7.05	6.92	1.52	7.72
		20	-	-	-	-	8.57	4.33	1.84	10.77	8.51	5.20	1.83	10.64	8.45	6.07	1.82	10.51	8.38	6.92	1.80	10.35
	5	15	3.02	3.02	0.52	0.79	3.84	3.84	0.66	1.37	4.66	4.66	0.80	2.33	5.53	5.53	0.95	3.44	6.40	6.40	1.10	4.45
		17	3.30	3.00	0.57	0.93	3.84	3.83	0.66	1.38	4.67	4.67	0.80	2.34	5.53	5.53	0.95	3.45	6.41	6.41	1.10	4.47
		19	-	-	-	-	5.74	3.80	0.99	3.70	5.67	4.67	0.98	3.61	5.74	5.55	0.99	3.69	6.42	6.41	1.10	4.48
		20	-	-	-	-	7.27	3.83	1.25	5.52	7.21	4.71	1.24	5.45	7.14	5.57	1.23	5.36	7.08	6.43	1.22	5.29
	6	15	2.59	2.59	0.37	0.54	3.44	3.44	0.49	0.73	4.26	4.26	0.61	1.13	5.07	5.07	0.73	1.81	5.90	5.90	0.85	2.68
		17	2.63	2.60	0.38	0.55	3.44	3.44	0.49	0.73	4.27	4.27	0.61	1.14	5.08	5.08	0.73	1.82	5.91	5.91	0.85	2.69
		19	-	-	-	-	4.53	3.36	0.65	1.33	4.58	4.24	0.66	1.37	5.09	5.08	0.73	1.83	5.92	5.92	0.85	2.70
		20	-	-	-	-	5.85	3.31	0.84	2.63	5.78	4.19	0.83	2.56	5.74	5.06	0.82	2.51	6.01	5.94	0.86	2.80

(Continued)

NFD-V1000-4-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.00	3.00	0.86	2.76	3.90	3.90	1.11	4.50	4.78	4.78	1.36	6.36	5.65	5.65	1.61	8.46	6.51	6.51	1.86	10.77	
		17	3.29	3.01	0.94	3.36	3.91	3.89	1.11	4.51	4.79	4.79	1.37	6.38	5.66	5.66	1.61	8.48	6.52	6.52	1.86	10.80	
		19	-	-	-	-	6.09	3.93	1.73	9.60	6.02	4.80	1.72	9.41	5.99	5.67	1.71	9.34	6.53	6.52	1.86	10.83	
		20	-	-	-	-	7.57	3.95	2.17	14.11	7.52	4.82	2.16	13.96	7.43	5.68	2.12	13.53	7.36	6.54	2.10	13.29	
	4	15	2.59	2.59	0.56	0.89	3.41	3.41	0.73	1.86	4.28	4.28	0.92	3.21	5.16	5.16	1.11	4.44	6.03	6.03	1.29	5.77	
		17	2.61	2.61	0.56	0.91	3.42	3.42	0.73	1.87	4.29	4.29	0.92	3.22	5.17	5.17	1.11	4.45	6.04	6.04	1.29	5.79	
		19	-	-	-	-	4.70	3.42	1.01	3.78	4.68	4.30	1.00	3.75	5.18	5.17	1.11	4.46	6.05	6.05	1.30	5.81	
		20	-	-	-	-	6.23	3.45	1.33	6.09	6.17	4.32	1.32	5.99	6.10	5.19	1.31	5.88	6.21	6.07	1.33	6.06	
	5	15	2.17	2.17	0.37	0.53	3.03	3.03	0.52	0.78	3.84	3.84	0.66	1.44	4.68	4.68	0.80	2.41	5.55	5.55	0.96	3.44	
		17	2.18	2.17	0.37	0.53	3.03	3.03	0.52	0.79	3.85	3.85	0.66	1.44	4.68	4.68	0.81	2.42	5.56	5.56	0.96	3.45	
		19	-	-	-	-	3.50	2.99	0.60	1.12	3.88	3.86	0.67	1.48	4.69	4.69	0.81	2.43	5.57	5.57	0.96	3.46	
		20	-	-	-	-	4.77	2.93	0.82	2.54	4.72	3.81	0.81	2.47	4.85	4.70	0.83	2.63	5.57	5.56	0.96	3.46	
	6	15	1.75	1.75	0.25	0.34	2.60	2.60	0.37	0.51	3.45	3.45	0.49	0.71	4.26	4.26	0.61	1.18	5.07	5.07	0.73	1.89	
		17	1.75	1.75	0.25	0.34	2.60	2.60	0.37	0.51	3.45	3.45	0.50	0.71	4.27	4.27	0.61	1.18	5.08	5.08	0.73	1.89	
		19	-	-	-	-	2.72	2.61	0.39	0.54	3.46	3.45	0.50	0.72	4.27	4.27	0.61	1.19	5.09	5.09	0.73	1.90	
		20	-	-	-	-	3.64	2.55	0.52	0.79	3.76	3.44	0.54	0.85	4.29	4.29	0.62	1.20	5.09	5.09	0.73	1.91	
13	3	15	2.16	2.16	0.62	1.23	3.02	3.02	0.87	2.87	3.91	3.91	1.12	4.51	4.79	4.79	1.38	6.36	5.65	5.65	1.62	8.44	
		17	2.17	2.17	0.62	1.23	3.03	3.03	0.87	2.88	3.92	3.92	1.13	4.52	4.80	4.80	1.38	6.37	5.66	5.66	1.63	8.46	
		19	-	-	-	-	3.62	3.04	1.04	3.95	3.94	3.93	1.13	4.55	4.81	4.81	1.38	6.39	5.67	5.67	1.63	8.49	
		20	-	-	-	-	5.13	3.05	1.47	7.15	5.06	3.93	1.45	6.99	5.08	4.81	1.46	7.02	5.67	5.66	1.63	8.49	
	4	15	1.75	1.75	0.38	0.51	2.59	2.59	0.56	0.93	3.42	3.42	0.74	1.97	4.30	4.30	0.93	3.23	5.17	5.17	1.11	4.42	
		17	1.75	1.75	0.38	0.51	2.60	2.60	0.56	0.94	3.42	3.42	0.74	1.98	4.30	4.30	0.93	3.24	5.18	5.18	1.12	4.43	
		19	-	-	-	-	2.66	2.61	0.57	0.99	3.43	3.43	0.74	1.98	4.31	4.31	0.93	3.25	5.19	5.19	1.12	4.45	
		20	-	-	-	-	3.61	2.54	0.78	2.26	3.65	3.43	0.79	2.32	4.31	4.29	0.93	3.25	5.20	5.20	1.12	4.45	
	5	15	1.31	1.31	0.23	0.30	2.17	2.17	0.37	0.50	3.02	3.02	0.52	0.78	3.83	3.83	0.66	1.47	4.67	4.67	0.80	2.44	
		17	1.32	1.32	0.23	0.30	2.17	2.17	0.37	0.50	3.02	3.02	0.52	0.78	3.84	3.84	0.66	1.47	4.68	4.68	0.80	2.45	
		19	-	-	-	-	2.18	2.16	0.37	0.50	3.03	3.03	0.52	0.79	3.84	3.84	0.66	1.48	4.69	4.69	0.80	2.46	
		20	-	-	-	-	2.50	2.15	0.43	0.57	3.06	3.04	0.52	0.80	3.85	3.85	0.66	1.48	4.69	4.69	0.81	2.46	
	6	15	0.89	0.89	0.13	0.17	1.75	1.75	0.25	0.33	2.60	2.60	0.37	0.49	3.45	3.45	0.49	0.70	4.25	4.25	0.61	1.20	
		17	0.89	0.89	0.13	0.17	1.75	1.75	0.25	0.33	2.61	2.61	0.37	0.49	3.45	3.45	0.49	0.71	4.26	4.26	0.61	1.21	
		19	-	-	-	-	1.76	1.76	0.25	0.33	2.61	2.61	0.37	0.49	3.46	3.46	0.49	0.71	4.26	4.26	0.61	1.22	
		20	-	-	-	-	1.80	1.76	0.26	0.34	2.61	2.61	0.37	0.49	3.46	3.46	0.50	0.71	4.27	4.27	0.61	1.22	
15	3	15	1.31	1.31	0.37	0.49	2.15	2.15	0.61	1.23	3.02	3.02	0.86	2.82	3.91	3.91	1.11	4.38	4.78	4.78	1.36	6.17	
		17	1.31	1.31	0.37	0.49	2.15	2.15	0.61	1.24	3.02	3.02	0.86	2.83	3.91	3.91	1.12	4.39	4.79	4.79	1.37	6.18	
		19	-	-	-	-	2.16	2.16	0.62	1.24	3.03	3.03	0.86	2.84	3.92	3.92	1.12	4.40	4.79	4.79	1.37	6.20	
		20	-	-	-	-	2.43	2.14	0.69	1.72	3.02	3.00	0.86	2.83	3.92	3.92	1.12	4.41	4.80	4.80	1.37	6.21	
	4	15	0.89	0.89	0.19	0.24	1.75	1.75	0.37	0.48	2.59	2.59	0.55	0.95	3.42	3.42	0.73	2.00	4.30	4.30	0.92	3.15	
		17	0.89	0.89	0.19	0.24	1.75	1.75	0.37	0.48	2.59	2.59	0.56	0.95	3.42	3.42	0.73	2.00	4.31	4.31	0.92	3.16	
		19	-	-	-	-	1.75	1.75	0.38	0.48	2.59	2.59	0.56	0.96	3.43	3.43	0.73	2.01	4.31	4.31	0.92	3.17	
		20	-	-	-	-	1.77	1.76	0.38	0.49	2.60	2.60	0.56	0.96	3.43	3.43	0.74	2.02	4.32	4.32	0.93	3.18	
	5	15	0.46	0.46	0.08	0.10	1.33	1.33	0.23	0.29	2.18	2.18	0.38	0.48	3.02	3.02	0.52	0.81	3.84	3.84	0.66	1.55	
		17	0.46	0.46	0.08	0.10	1.33	1.33	0.23	0.29	2.19	2.19	0.38	0.48	3.03	3.03	0.52	0.81	3.84	3.84	0.66	1.55	
		19	-	-	-	-	1.33	1.33	0.23	0.29	2.19	2.19	0.38	0.48	3.03	3.03	0.52	0.82	3.85	3.85	0.66	1.56	
		20	-	-	-	-	1.33	1.33	0.23	0.29	2.19	2.19	0.38	0.48	3.04	3.04	0.52	0.82	3.85	3.85	0.66	1.57	
	6	15	-	-	-	-	0.90	0.90	0.13	0.16	1.76	1.76	0.25	0.31	2.61	2.61	0.38	0.47	3.45	3.45	0.50	0.72	
		17	-	-	-	-	0.90	0.90	0.13	0.16	1.76	1.76	0.25	0.31	2.62	2.62	0.38	0.47	3.45	3.45	0.50	0.72	
		19	-	-	-	-	0.90	0.90	0.13	0.16	1.77	1.77	0.25	0.31	2.62	2.62	0.38	0.47	3.46	3.46	0.50	0.73	
		20	-	-	-	-	0.90	0.90	0.13	0.16	1.77	1.77	0.25	0.31	2.62	2.62	0.38	0.47	3.46	3.46	0.50	0.73	

Abbreviations:

EWT: Enter Water Temp. (°C)	Δt: Temperature Difference (°C)	DB: Dry Bulb Temp. (°C)	WF: Water Flow (m³/h)
WB: Wet Bulb Temp. (°C)	TC: Total Cooling Capacity (kW)	SC: Sensible Cooling Capacity (kW)	WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1200-4-2P																						
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																			
			21				23				25				27				29			
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD
C	C	C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa
5	3	15	8.72	6.91	2.51	23.03	8.63	7.96	2.48	22.64	9.00	8.99	2.59	24.33	10.02	10.02	2.86	28.95	11.04	11.04	3.16	34.27
		17	11.80	6.92	3.37	38.43	11.72	7.97	3.35	38.01	11.65	9.01	3.33	37.58	11.57	10.04	3.31	37.13	11.48	11.06	3.28	36.64
		19	-	-	-	-	15.05	7.99	4.31	58.81	14.96	9.03	4.29	58.20	14.87	10.06	4.26	57.57	14.78	11.09	4.23	56.95
		20	-	-	-	-	16.84	8.01	4.86	72.58	16.74	9.05	4.84	71.85	16.61	10.08	4.76	69.98	16.51	11.10	4.73	69.24
	4	15	7.33	6.29	1.57	10.27	7.41	7.36	1.59	10.47	8.40	8.40	1.80	12.96	9.43	9.43	2.02	15.82	10.47	10.47	2.26	19.09
		17	10.51	6.33	2.26	19.20	10.43	7.38	2.25	18.98	10.36	8.43	2.23	18.75	10.27	9.46	2.21	18.47	10.49	10.49	2.26	19.17
		19	-	-	-	-	13.74	7.39	2.95	30.26	13.66	8.44	2.93	29.92	13.57	9.47	2.91	29.59	13.48	10.50	2.89	29.27
		20	-	-	-	-	15.51	7.40	3.33	37.33	15.42	8.45	3.31	36.93	15.32	9.49	3.29	36.54	15.23	10.51	3.27	36.14
	5	15	5.91	5.65	1.01	4.75	6.72	6.72	1.15	6.05	7.79	7.79	1.34	7.77	8.84	8.84	1.52	9.63	9.87	9.87	1.69	11.62
		17	9.10	5.71	1.56	10.11	9.03	6.77	1.55	9.98	8.94	7.81	1.53	9.81	9.00	8.86	1.54	9.93	9.89	9.89	1.70	11.66
		19	-	-	-	-	12.43	6.81	2.14	17.35	12.34	7.86	2.13	17.15	12.26	8.90	2.11	16.96	12.18	9.93	2.10	16.77
		20	-	-	-	-	14.16	6.81	2.43	21.57	14.07	7.86	2.41	21.34	13.99	8.90	2.40	21.11	13.90	9.93	2.38	20.88
	6	15	5.15	5.14	0.74	2.10	6.13	6.13	0.88	3.36	7.18	7.18	1.03	4.87	8.24	8.24	1.18	6.26	9.29	9.29	1.33	7.66
		17	7.61	5.08	1.09	5.45	7.52	6.14	1.08	5.34	7.51	7.19	1.08	5.32	8.25	8.25	1.18	6.28	9.30	9.30	1.33	7.68
		19	-	-	-	-	10.99	6.20	1.57	10.21	10.92	7.26	1.56	10.08	10.84	8.30	1.55	9.96	10.74	9.33	1.54	9.81
		20	-	-	-	-	12.80	6.23	1.84	13.27	12.71	7.28	1.82	13.12	12.63	8.33	1.81	12.97	12.54	9.36	1.80	12.82
7	3	15	6.29	5.83	1.80	12.86	6.91	6.90	1.99	15.27	7.95	7.95	2.30	19.46	8.98	8.98	2.57	23.70	10.02	10.02	2.89	29.01
		17	9.42	5.85	2.70	25.77	9.36	6.91	2.68	25.46	9.27	7.95	2.66	25.07	9.23	8.99	2.65	24.88	10.03	10.03	2.90	29.09
		19	-	-	-	-	12.68	6.92	3.64	43.22	12.60	7.97	3.62	42.72	12.52	9.01	3.60	42.24	12.44	10.04	3.57	41.77
		20	-	-	-	-	14.45	6.93	4.16	54.31	14.36	7.98	4.13	53.70	14.27	9.02	4.10	53.11	14.18	10.05	4.08	52.54
	4	15	5.22	5.20	1.12	5.73	6.30	6.30	1.36	7.88	7.36	7.36	1.59	10.27	8.41	8.41	1.82	12.95	9.44	9.44	2.04	15.79
		17	8.05	5.27	1.74	12.03	7.98	6.32	1.72	11.84	7.92	7.37	1.71	11.68	8.42	8.40	1.82	12.98	9.45	9.45	2.04	15.84
		19	-	-	-	-	11.31	6.34	2.43	21.36	11.23	7.39	2.42	21.11	11.16	8.43	2.40	20.87	11.06	9.46	2.38	20.57
		20	-	-	-	-	13.08	6.35	2.81	27.47	12.99	7.40	2.80	27.16	12.91	8.44	2.78	26.86	12.83	9.48	2.76	26.55
	5	15	4.63	4.63	0.80	2.67	5.68	5.68	0.98	4.40	6.75	6.75	1.16	6.01	7.81	7.81	1.34	7.69	8.85	8.85	1.52	9.52
		17	6.50	4.63	1.12	5.64	6.43	5.69	1.11	5.54	6.78	6.78	1.17	6.06	7.82	7.82	1.34	7.72	8.86	8.86	1.52	9.55
		19	-	-	-	-	9.87	5.74	1.70	11.47	9.80	6.80	1.69	11.33	9.76	8.00	1.78	22.30	9.64	8.88	1.66	11.01
		20	-	-	-	-	11.66	5.76	2.01	15.29	11.58	6.82	1.99	15.10	11.50	7.86	1.98	14.91	11.41	8.90	1.96	14.72
	6	15	4.16	4.16	0.60	1.27	5.14	5.14	0.74	2.21	6.15	6.15	0.88	3.54	7.20	7.20	1.03	4.88	8.26	8.26	1.18	6.17
		17	5.06	4.07	0.73	2.13	5.26	5.15	0.76	2.36	6.16	6.16	0.89	3.55	7.21	7.21	1.03	4.90	8.27	8.27	1.18	6.19
		19	-	-	-	-	8.33	5.13	1.19	6.26	8.24	6.19	1.18	6.15	8.17	7.24	1.17	6.06	8.40	8.30	1.20	6.36
		20	-	-	-	-	10.14	5.16	1.45	8.76	10.07	6.22	1.44	8.65	9.99	7.27	1.43	8.53	9.89	8.30	1.42	8.39
9	3	15	4.77	4.77	1.37	7.89	5.83	5.83	1.67	11.14	6.89	6.89	1.98	14.85	7.93	7.93	2.28	18.86	8.96	8.96	2.57	23.31
		17	6.88	4.78	1.98	14.79	6.79	5.84	1.95	14.47	6.94	6.92	2.00	15.04	7.94	7.94	2.28	18.92	8.98	8.98	2.58	23.38
		19	-	-	-	-	10.19	5.87	2.95	29.46	10.11	6.93	2.93	29.10	10.04	7.97	2.90	28.71	9.94	9.00	2.88	28.25
		20	-	-	-	-	11.92	5.87	3.43	38.25	11.84	6.92	3.40	37.81	11.76	7.97	3.38	37.37	11.68	9.00	3.36	36.93
	4	15	4.15	4.15	0.90	3.70	5.23	5.23	1.12	5.64	6.30	6.30	1.36	7.73	7.35	7.35	1.58	10.06	8.39	8.39	1.81	12.61
		17	5.31	4.16	1.14	5.77	5.38	5.25	1.16	5.92	6.31	6.31	1.36	7.75	7.37	7.37	1.58	10.09	8.41	8.41	1.81	12.65
		19	-	-	-	-	8.72	5.29	1.89	13.60	8.65	6.34	1.87	13.40	8.53	7.38	1.83	12.96	8.63	8.44	1.87	13.35
		20	-	-	-	-	10.48	5.29	2.26	18.55	10.40	6.35	2.24	18.32	10.33	7.40	2.23	18.09	10.23	8.43	2.21	17.80
	5	15	3.64	3.64	0.63	1.44	4.63	4.63	0.80	2.78	5.69	5.69	0.98	4.42	6.76	6.76	1.16	5.94	7.81	7.81	1.34	7.59
		17	3.91	3.61	0.67	1.76	4.64	4.63	0.80	2.79	5.70	5.70	0.98	4.44	6.77	6.77	1.17	5.95	7.83	7.83	1.35	7.61
		19	-	-	-	-	7.11	4.67	1.22	6.46	7.02	5.73	1.21	6.33	7.08	6.79	1.22	6.41	7.84	7.82	1.35	7.63
		20	-	-	-	-	8.93	4.69	1.54	9.52	8.86	5.76	1.52	9.39	8.77	6.81	1.51	9.23	8.70	7.85	1.50	9.11
	6	15	3.14	3.14	0.45	0.79	4.15	4.15	0.60	1.28	5.13	5.13	0.74	2.28	6.16	6.16	0.88	3.59	7.22	7.22	1.04	4.85
		17	3.19	3.15	0.46	0.81	4.16	4.16	0.60	1.29	5.14	5.14	0.74	2.29	6.17	6.17	0.88	3.60	7.23	7.23	1.04	4.86
		19	-	-	-	-	5.42	4.06	0.78	2.64	5.47	5.13	0.78	2.70	6.17	6.16	0.89	3.61	7.25	7.25	1.04	4.88
		20	-	-	-	-	7.26	4.08	1.04	4.89	7.17	5.14	1.03	4.79	7.11	6.20	1.02	4.71	7.39	7.27	1.06	5.04

(Continued)

NFD-V1200-4-2P																							
EWT	ΔT	Indoor temp (W.B.)	Indoor temperature (D.B.)																				
			21				23				25				27				29				
			TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	TC	SC	WF	WPD	
°C	°C	°C	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	kW	kW	m³/h	kPa	
11	3	15	3.68	3.68	1.05	4.95	4.76	4.76	1.36	7.67	5.83	5.83	1.66	10.82	6.89	6.89	1.97	14.50	7.92	7.92	2.26	18.33	
		17	4.08	3.69	1.16	5.90	4.77	4.75	1.36	7.68	5.84	5.84	1.66	10.86	6.90	6.90	1.97	14.54	7.93	7.93	2.26	18.38	
		19	-	-	-	-	7.43	4.79	2.12	16.41	7.34	5.85	2.09	16.09	7.31	6.90	2.08	15.97	7.94	7.93	2.27	18.43	
		20	-	-	-	-	9.20	4.80	2.63	23.79	9.13	5.86	2.61	23.48	9.05	6.91	2.58	23.12	8.96	7.95	2.56	22.72	
	4	15	3.12	3.12	0.67	1.77	4.16	4.16	0.89	3.67	5.24	5.24	1.12	5.52	6.30	6.30	1.35	7.55	7.35	7.35	1.57	9.81	
		17	3.12	3.10	0.67	1.77	4.16	4.16	0.89	3.68	5.25	5.25	1.12	5.54	6.31	6.31	1.35	7.57	7.36	7.36	1.58	9.84	
		19	-	-	-	-	5.80	4.19	1.24	6.56	5.78	5.26	1.24	6.51	6.33	6.31	1.36	7.60	7.37	7.37	1.58	9.87	
		20	-	-	-	-	7.63	4.21	1.63	10.47	7.55	5.28	1.62	10.28	7.47	6.33	1.60	10.09	7.58	7.39	1.62	10.36	
	5	15	2.64	2.64	0.45	0.77	3.64	3.64	0.63	1.51	4.65	4.65	0.80	2.89	5.72	5.72	0.98	4.40	6.78	6.78	1.17	5.87	
		17	2.64	2.64	0.45	0.78	3.65	3.65	0.63	1.52	4.66	4.66	0.80	2.90	5.73	5.73	0.99	4.41	6.79	6.79	1.17	5.89	
		19	-	-	-	-	4.16	3.60	0.72	2.18	4.67	4.67	0.80	2.93	5.74	5.74	0.99	4.43	6.80	6.80	1.17	5.91	
		20	-	-	-	-	5.93	3.61	1.02	4.68	5.86	4.68	1.01	4.58	5.99	5.76	1.03	4.75	6.80	6.79	1.17	5.91	
	6	15	2.12	2.12	0.30	0.51	3.15	3.15	0.45	0.76	4.15	4.15	0.60	1.33	5.14	5.14	0.74	2.37	6.18	6.18	0.89	3.64	
		17	2.12	2.12	0.30	0.51	3.16	3.16	0.45	0.76	4.16	4.16	0.60	1.34	5.15	5.15	0.74	2.38	6.19	6.19	0.89	3.65	
		19	-	-	-	-	3.29	3.17	0.47	0.80	4.17	4.16	0.60	1.34	5.16	5.16	0.74	2.39	6.20	6.20	0.89	3.66	
		20	-	-	-	-	4.32	3.06	0.62	1.48	4.44	4.14	0.64	1.61	5.16	5.14	0.74	2.40	6.21	6.21	0.89	3.67	
	13	3	15	2.61	2.61	0.75	2.48	3.70	3.70	1.06	4.97	4.77	4.77	1.37	7.67	5.83	5.83	1.67	10.80	6.86	6.86	1.96	14.13
			17	2.62	2.62	0.75	2.49	3.71	3.71	1.06	4.99	4.78	4.78	1.37	7.69	5.84	5.84	1.68	10.84	6.88	6.88	1.96	14.17
			19	-	-	-	-	4.46	3.71	1.28	6.83	4.81	4.80	1.38	7.76	5.85	5.85	1.68	10.87	6.89	6.89	1.97	14.21
			20	-	-	-	-	6.27	3.73	1.80	12.24	6.19	4.79	1.78	11.96	6.20	5.86	1.78	12.00	6.89	6.87	1.97	14.22
4		15	2.12	2.12	0.46	0.76	3.12	3.12	0.67	1.87	4.18	4.18	0.90	3.73	5.24	5.24	1.12	5.44	6.30	6.30	1.35	7.43	
		17	2.12	2.12	0.46	0.76	3.12	3.12	0.67	1.88	4.18	4.18	0.90	3.74	5.25	5.25	1.12	5.45	6.31	6.31	1.35	7.45	
		19	-	-	-	-	3.16	3.15	0.68	1.93	4.19	4.19	0.90	3.75	5.26	5.26	1.13	5.47	6.32	6.32	1.35	7.48	
		20	-	-	-	-	4.48	3.12	0.97	4.21	4.52	4.20	0.97	4.27	5.26	5.24	1.13	5.47	6.33	6.33	1.36	7.49	
5		15	1.59	1.59	0.27	0.44	2.63	2.63	0.45	0.74	3.63	3.63	0.62	1.54	4.65	4.65	0.80	2.92	5.72	5.72	0.98	4.30	
		17	1.59	1.59	0.27	0.44	2.64	2.64	0.45	0.74	3.63	3.63	0.62	1.55	4.65	4.65	0.80	2.93	5.73	5.73	0.98	4.32	
		19	-	-	-	-	2.64	2.62	0.45	0.74	3.64	3.64	0.62	1.55	4.66	4.66	0.80	2.95	5.74	5.74	0.98	4.33	
		20	-	-	-	-	3.02	2.61	0.52	0.94	3.65	3.64	0.63	1.56	4.67	4.67	0.80	2.95	5.75	5.75	0.99	4.34	
6		15	1.08	1.08	0.15	0.24	2.12	2.12	0.30	0.48	3.15	3.15	0.45	0.73	4.14	4.14	0.59	1.36	5.14	5.14	0.73	2.42	
		17	1.08	1.08	0.15	0.24	2.12	2.12	0.30	0.48	3.16	3.16	0.45	0.73	4.15	4.15	0.59	1.37	5.15	5.15	0.74	2.43	
		19	-	-	-	-	2.13	2.13	0.30	0.48	3.17	3.17	0.45	0.73	4.16	4.16	0.59	1.38	5.16	5.16	0.74	2.44	
		20	-	-	-	-	2.18	2.14	0.31	0.49	3.17	3.16	0.45	0.74	4.16	4.16	0.60	1.38	5.16	5.16	0.74	2.45	
15	3	15	1.59	1.59	0.45	0.73	2.60	2.60	0.74	2.49	3.69	3.69	1.05	4.83	4.76	4.76	1.36	7.44	5.82	5.82	1.66	10.48	
		17	1.59	1.59	0.45	0.73	2.61	2.61	0.74	2.50	3.70	3.70	1.06	4.84	4.77	4.77	1.36	7.47	5.83	5.83	1.66	10.51	
		19	-	-	-	-	2.61	2.61	0.75	2.51	3.71	3.71	1.06	4.86	4.78	4.78	1.36	7.49	5.84	5.84	1.67	10.54	
		20	-	-	-	-	2.99	2.61	0.85	3.37	3.70	3.67	1.06	4.85	4.78	4.78	1.36	7.50	5.84	5.84	1.67	10.56	
	4	15	1.07	1.07	0.23	0.36	2.12	2.12	0.45	0.73	3.12	3.12	0.67	1.91	4.18	4.18	0.90	3.65	5.25	5.25	1.12	5.37	
		17	1.07	1.07	0.23	0.36	2.12	2.12	0.45	0.73	3.12	3.12	0.67	1.92	4.19	4.19	0.90	3.66	5.26	5.26	1.13	5.39	
		19	-	-	-	-	2.13	2.13	0.46	0.73	3.13	3.13	0.67	1.93	4.20	4.20	0.90	3.67	5.27	5.27	1.13	5.40	
		20	-	-	-	-	2.14	2.12	0.46	0.74	3.13	3.13	0.67	1.93	4.20	4.20	0.90	3.68	5.27	5.27	1.13	5.41	
	5	15	0.55	0.55	0.10	0.15	1.61	1.61	0.28	0.42	2.65	2.65	0.46	0.73	3.63	3.63	0.63	1.62	4.67	4.67	0.80	3.00	
		17	0.56	0.56	0.10	0.15	1.61	1.61	0.28	0.42	2.65	2.65	0.46	0.73	3.64	3.64	0.63	1.63	4.68	4.68	0.81	3.01	
		19	-	-	-	-	1.61	1.61	0.28	0.43	2.66	2.66	0.46	0.74	3.65	3.65	0.63	1.64	4.68	4.68	0.81	3.02	
		20	-	-	-	-	1.61	1.61	0.28	0.43	2.66	2.66	0.46	0.74	3.65	3.65	0.63	1.64	4.69	4.69	0.81	3.03	
	6	15	-	-	-	-	1.09	1.09	0.16	0.23	2.13	2.13	0.31	0.46	3.16	3.16	0.45	0.73	4.14	4.14	0.59	1.43	
		17	-	-	-	-	1.09	1.09	0.16	0.23	2.13	2.13	0.31	0.46	3.17	3.17	0.46	0.73	4.15	4.15	0.60	1.44	
		19	-	-	-	-	1.09	1.09	0.16	0.23	2.14	2.14	0.31	0.46	3.17	3.17	0.46	0.73	4.15	4.15	0.60	1.44	
		20	-	-	-	-	1.09	1.09	0.16	0.23	2.14	2.14	0.31	0.46	3.18	3.18	0.46	0.73	4.16	4.16	0.60	1.45	

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity (kW) SC: Sensible Cooling Capacity (kW) WPD: Water Pressure Drop (kPa)

DC Fan Coil Unit

Heating Capacity Table (4-row duct)

NFD-V200-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	2.24	0.24	0.67	1.95	0.21	0.46	1.67	0.18	0.30	1.39	0.15	0.21
	10	1.97	0.17	0.26	1.69	0.15	0.21	1.40	0.12	0.17	1.12	0.10	0.14
	12	1.69	0.12	0.18	1.41	0.10	0.15	1.12	0.08	0.12	0.84	0.06	0.09
	14	1.41	0.09	0.13	1.13	0.07	0.11	0.85	0.05	0.08	0.56	0.03	0.05
	16	1.13	0.06	0.10	0.85	0.05	0.07	0.57	0.03	0.05	0.29	0.02	0.03
45	8	2.96	0.32	1.15	2.67	0.29	0.97	2.37	0.26	0.78	2.08	0.22	0.58
	10	2.67	0.23	0.61	2.38	0.21	0.45	2.10	0.18	0.32	1.81	0.16	0.22
	12	2.40	0.17	0.28	2.11	0.15	0.21	1.82	0.13	0.18	1.54	0.11	0.15
	14	2.12	0.13	0.18	1.83	0.11	0.16	1.55	0.10	0.13	1.26	0.08	0.11
	16	1.84	0.10	0.14	1.55	0.08	0.12	1.27	0.07	0.10	0.99	0.05	0.08
50	8	3.68	0.40	1.63	3.38	0.36	1.41	3.09	0.33	1.21	2.79	0.30	1.02
	10	3.40	0.29	0.98	3.10	0.27	0.84	2.80	0.24	0.70	2.51	0.22	0.55
	12	3.10	0.22	0.58	2.81	0.20	0.45	2.52	0.18	0.34	2.24	0.16	0.24
	14	2.83	0.17	0.30	2.54	0.16	0.23	2.25	0.14	0.18	1.96	0.12	0.15
	16	2.55	0.14	0.18	2.26	0.12	0.16	1.97	0.11	0.14	1.69	0.09	0.12
55	8	4.40	0.47	2.16	4.10	0.44	1.91	3.80	0.41	1.68	3.50	0.38	1.46
	10	4.12	0.36	1.33	3.82	0.33	1.17	3.52	0.30	1.01	3.22	0.28	0.87
	12	3.83	0.28	0.86	3.53	0.25	0.75	3.23	0.23	0.64	2.93	0.21	0.53
	14	3.54	0.22	0.56	3.24	0.20	0.46	2.95	0.18	0.36	2.66	0.16	0.27
	16	3.26	0.18	0.32	2.96	0.16	0.25	2.68	0.14	0.19	2.39	0.13	0.16
60	8	5.12	0.55	2.75	4.81	0.52	2.47	4.51	0.49	2.21	4.21	0.45	1.97
	10	4.84	0.42	1.71	4.53	0.39	1.53	4.23	0.37	1.36	3.93	0.34	1.20
	12	4.55	0.33	1.13	4.25	0.31	1.01	3.94	0.28	0.89	3.65	0.26	0.78
	14	4.26	0.26	0.79	3.96	0.24	0.69	3.66	0.23	0.61	3.36	0.21	0.51
	16	3.97	0.21	0.55	3.67	0.20	0.46	3.37	0.18	0.37	3.08	0.17	0.29

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V300-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	3.11	0.34	1.53	2.71	0.29	1.21	2.31	0.25	0.85	1.92	0.21	0.52
	10	2.72	0.24	0.72	2.33	0.20	0.47	1.95	0.17	0.31	1.56	0.13	0.23
	12	2.35	0.17	0.31	1.96	0.14	0.25	1.57	0.11	0.20	1.18	0.08	0.15
	14	1.97	0.12	0.22	1.57	0.10	0.18	1.18	0.07	0.13	0.79	0.05	0.09
	16	1.59	0.09	0.16	1.19	0.06	0.12	0.80	0.04	0.08	0.41	0.02	0.04
45	8	4.10	0.44	2.38	3.69	0.40	1.99	3.29	0.35	1.64	2.89	0.31	1.32
	10	3.71	0.32	1.39	3.30	0.28	1.14	2.90	0.25	0.88	2.50	0.22	0.62
	12	3.31	0.24	0.78	2.91	0.21	0.56	2.53	0.18	0.38	2.14	0.15	0.26
	14	2.94	0.18	0.37	2.55	0.16	0.27	2.15	0.13	0.22	1.76	0.11	0.18
	16	2.56	0.14	0.24	2.17	0.12	0.20	1.77	0.10	0.16	1.38	0.07	0.13
50	8	5.08	0.55	3.36	4.67	0.50	2.91	4.27	0.46	2.49	3.87	0.42	2.10
	10	4.70	0.41	2.03	4.29	0.37	1.73	3.88	0.34	1.47	3.48	0.30	1.22
	12	4.31	0.31	1.29	3.90	0.28	1.09	3.49	0.25	0.89	3.09	0.22	0.69
	14	3.91	0.24	0.82	3.50	0.22	0.63	3.11	0.19	0.46	2.72	0.17	0.32
	16	3.53	0.19	0.44	3.14	0.17	0.32	2.75	0.15	0.24	2.35	0.13	0.20
55	8	6.07	0.65	4.46	5.65	0.61	3.95	5.24	0.57	3.47	4.84	0.52	3.02
	10	5.69	0.49	2.74	5.28	0.46	2.41	4.87	0.42	2.10	4.46	0.39	1.81
	12	5.30	0.38	1.79	4.89	0.35	1.56	4.48	0.32	1.34	4.08	0.29	1.14
	14	4.91	0.30	1.22	4.50	0.28	1.05	4.09	0.25	0.89	3.69	0.23	0.73
	16	4.51	0.24	0.84	4.10	0.22	0.68	3.70	0.20	0.53	3.31	0.18	0.39
60	8	7.05	0.76	5.70	6.63	0.72	5.13	6.22	0.67	4.58	5.81	0.63	4.07
	10	6.67	0.58	3.52	6.26	0.54	3.17	5.84	0.51	2.81	5.44	0.47	2.48
	12	6.29	0.45	2.34	5.87	0.42	2.08	5.46	0.39	1.84	5.05	0.36	1.61
	14	5.91	0.36	1.62	5.49	0.34	1.43	5.08	0.31	1.26	4.67	0.29	1.09
	16	5.52	0.30	1.16	5.10	0.27	1.02	4.69	0.25	0.88	4.28	0.23	0.75

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V400-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	3.51	0.38	2.17	3.06	0.33	1.72	2.60	0.28	1.30	2.16	0.23	0.84
	10	3.05	0.26	1.12	2.62	0.23	0.76	2.20	0.19	0.47	1.77	0.15	0.31
	12	2.65	0.19	0.47	2.22	0.16	0.33	1.78	0.13	0.26	1.35	0.10	0.20
	14	2.23	0.14	0.29	1.79	0.11	0.23	1.35	0.08	0.18	0.91	0.06	0.12
	16	1.80	0.10	0.21	1.36	0.07	0.16	0.92	0.05	0.11	0.47	0.03	0.06
45	8	4.63	0.50	3.39	4.17	0.45	2.84	3.72	0.40	2.34	3.27	0.35	1.88
	10	4.19	0.36	1.97	3.73	0.32	1.62	3.28	0.28	1.30	2.83	0.24	0.97
	12	3.74	0.27	1.19	3.29	0.24	0.89	2.85	0.21	0.61	2.43	0.17	0.40
	14	3.31	0.20	0.59	2.88	0.18	0.41	2.45	0.15	0.29	2.01	0.12	0.24
	16	2.91	0.16	0.32	2.47	0.13	0.26	2.03	0.11	0.21	1.59	0.09	0.17
50	8	5.74	0.62	4.79	5.28	0.57	4.15	4.83	0.52	3.56	4.38	0.47	3.01
	10	5.31	0.46	2.89	4.86	0.42	2.48	4.40	0.38	2.10	3.95	0.34	1.74
	12	4.88	0.35	1.84	4.42	0.32	1.55	3.96	0.28	1.29	3.51	0.25	1.04
	14	4.43	0.27	1.21	3.96	0.24	0.98	3.51	0.22	0.74	3.08	0.19	0.52
	16	3.98	0.22	0.71	3.54	0.19	0.52	3.12	0.17	0.37	2.68	0.14	0.27
55	8	6.85	0.74	6.37	6.39	0.69	5.65	5.93	0.64	4.96	5.48	0.59	4.33
	10	6.43	0.56	3.92	5.97	0.52	3.45	5.51	0.48	3.01	5.06	0.44	2.60
	12	6.00	0.43	2.55	5.54	0.40	2.23	5.08	0.37	1.92	4.63	0.33	1.64
	14	5.57	0.34	1.74	5.12	0.32	1.51	4.65	0.29	1.28	4.21	0.26	1.08
	16	5.12	0.28	1.21	4.65	0.25	1.03	4.19	0.23	0.84	3.75	0.20	0.64
60	8	7.96	0.86	8.16	7.50	0.81	7.35	7.04	0.76	6.58	6.58	0.71	5.85
	10	7.54	0.65	5.04	7.08	0.61	4.52	6.61	0.57	4.02	6.16	0.53	3.55
	12	7.12	0.51	3.35	6.66	0.48	2.98	6.20	0.45	2.64	5.74	0.41	2.31
	14	6.70	0.41	2.33	6.23	0.38	2.06	5.77	0.36	1.81	5.31	0.33	1.57
	16	6.26	0.34	1.66	5.80	0.31	1.46	5.33	0.29	1.27	4.88	0.26	1.09

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

NFD-V500-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	4.39	0.47	3.19	3.83	0.41	2.53	3.27	0.35	1.94	2.72	0.29	1.41
	10	3.85	0.33	1.76	3.29	0.28	1.32	2.74	0.24	0.85	2.20	0.19	0.47
	12	3.31	0.24	0.85	2.77	0.20	0.52	2.23	0.16	0.34	1.68	0.12	0.25
	14	2.79	0.17	0.38	2.24	0.14	0.29	1.69	0.10	0.22	1.14	0.07	0.15
	16	2.26	0.12	0.27	1.70	0.09	0.20	1.14	0.06	0.14	0.58	0.03	0.07
45	8	5.76	0.62	4.96	5.20	0.56	4.15	4.64	0.50	3.41	4.09	0.44	2.74
	10	5.24	0.45	2.89	4.67	0.40	2.38	4.11	0.35	1.91	3.55	0.31	1.49
	12	4.70	0.34	1.78	4.13	0.30	1.43	3.57	0.26	1.08	3.02	0.22	0.71
	14	4.14	0.26	1.05	3.59	0.22	0.73	3.05	0.19	0.47	2.50	0.15	0.31
	16	3.63	0.20	0.51	3.08	0.17	0.35	2.52	0.14	0.27	1.97	0.11	0.21
50	8	7.13	0.77	7.00	6.56	0.71	6.06	6.00	0.65	5.18	5.44	0.59	4.38
	10	6.61	0.57	4.22	6.04	0.52	3.61	5.48	0.47	3.05	4.92	0.43	2.54
	12	6.08	0.44	2.68	5.51	0.40	2.27	4.95	0.36	1.89	4.39	0.32	1.54
	14	5.54	0.34	1.78	4.97	0.31	1.48	4.41	0.27	1.20	3.84	0.24	0.91
	16	5.00	0.27	1.19	4.43	0.24	0.92	3.87	0.21	0.65	3.33	0.18	0.43
55	8	8.50	0.92	9.29	7.93	0.85	8.22	7.35	0.79	7.22	6.79	0.73	6.28
	10	7.99	0.69	5.71	7.41	0.64	5.02	6.84	0.59	4.37	6.28	0.54	3.77
	12	7.46	0.54	3.72	6.89	0.49	3.24	6.32	0.45	2.79	5.75	0.41	2.38
	14	6.93	0.43	2.54	6.36	0.39	2.19	5.79	0.36	1.87	5.23	0.32	1.57
	16	6.39	0.34	1.77	5.82	0.31	1.51	5.25	0.28	1.27	4.68	0.25	1.04
60	8	9.88	1.06	11.84	9.29	1.00	10.64	8.72	0.94	9.56	8.15	0.88	8.50
	10	9.36	0.81	7.34	8.77	0.76	6.57	8.20	0.71	5.84	7.63	0.66	5.15
	12	8.84	0.64	4.89	8.26	0.59	4.35	7.68	0.55	3.82	7.11	0.51	3.35
	14	8.31	0.51	3.38	7.74	0.48	2.99	7.16	0.44	2.62	6.59	0.41	2.27
	16	7.78	0.42	2.42	7.20	0.39	2.12	6.63	0.36	1.84	6.06	0.33	1.58

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V600-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	5.25	0.57	5.63	4.59	0.49	4.46	3.93	0.42	3.43	3.27	0.35	2.51
	10	4.63	0.40	3.12	3.96	0.34	2.40	3.29	0.28	1.72	2.64	0.23	0.99
	12	3.98	0.29	1.74	3.32	0.24	1.11	2.68	0.19	0.62	2.02	0.15	0.39
	14	3.36	0.21	0.73	2.70	0.17	0.47	2.04	0.13	0.35	1.37	0.08	0.24
	16	2.73	0.15	0.42	2.06	0.11	0.32	1.38	0.07	0.22	0.70	0.04	0.11
45	8	6.88	0.74	8.72	6.21	0.67	7.31	5.54	0.60	6.01	4.88	0.53	4.84
	10	6.26	0.54	5.09	5.59	0.48	4.19	4.92	0.42	3.38	4.26	0.37	2.64
	12	5.64	0.41	3.15	4.96	0.36	2.54	4.29	0.31	1.99	3.63	0.26	1.45
	14	4.99	0.31	1.99	4.31	0.27	1.49	3.65	0.23	0.99	3.01	0.19	0.58
	16	4.35	0.23	1.08	3.69	0.20	0.69	3.04	0.16	0.45	2.38	0.13	0.33
50	8	8.50	0.92	12.31	7.82	0.84	10.65	7.15	0.77	9.12	6.49	0.70	7.70
	10	7.89	0.68	7.43	7.22	0.62	6.36	6.54	0.57	5.38	5.88	0.51	4.48
	12	7.27	0.52	4.73	6.60	0.47	4.00	5.92	0.43	3.33	5.26	0.38	2.72
	14	6.65	0.41	3.14	5.97	0.37	2.61	5.29	0.33	2.13	4.62	0.29	1.70
	16	6.01	0.32	2.13	5.33	0.29	1.74	4.65	0.25	1.33	3.99	0.22	0.92
55	8	10.13	1.09	16.43	9.44	1.02	14.54	8.76	0.94	12.70	8.09	0.87	11.06
	10	9.52	0.82	10.06	8.84	0.76	8.84	8.16	0.71	7.70	7.49	0.65	6.64
	12	8.90	0.64	6.55	8.22	0.59	5.71	7.55	0.54	4.92	6.88	0.49	4.20
	14	8.29	0.51	4.48	7.61	0.47	3.87	6.93	0.43	3.30	6.26	0.39	2.77
	16	7.66	0.41	3.13	6.97	0.38	2.67	6.30	0.34	2.24	5.63	0.30	1.85
60	8	11.75	1.27	20.84	11.05	1.19	18.72	10.37	1.12	16.83	9.70	1.05	14.96
	10	11.13	0.96	12.92	10.45	0.90	11.56	9.77	0.84	10.28	9.09	0.78	9.07
	12	10.54	0.76	8.61	9.85	0.71	7.66	9.17	0.66	6.76	8.49	0.61	5.92
	14	9.92	0.61	5.96	9.24	0.57	5.26	8.55	0.53	4.61	7.88	0.49	4.01
	16	9.31	0.50	4.28	8.62	0.47	3.75	7.93	0.43	3.24	7.26	0.39	2.79

Abbreviations:

Δt : Temperature Difference (°C)

TH: Total Heating Capacity (kW)

WF: Water Flow (m³/h)

WPD: Water Pressure Drop (kPa)

NFD-V800-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	6.77	0.73	1.75	5.89	0.64	1.38	5.01	0.54	1.03	4.17	0.45	0.65
	10	5.89	0.51	0.88	5.05	0.44	0.59	4.23	0.37	0.37	3.41	0.29	0.25
	12	5.11	0.37	0.37	4.27	0.31	0.27	3.42	0.25	0.21	2.58	0.19	0.16
	14	4.28	0.26	0.24	3.43	0.21	0.19	2.59	0.16	0.14	1.75	0.11	0.10
	16	3.46	0.19	0.17	2.61	0.14	0.13	1.76	0.09	0.09	0.90	0.05	0.05
45	8	8.94	0.96	2.74	8.06	0.87	2.30	7.19	0.78	1.89	6.32	0.68	1.52
	10	8.08	0.70	1.59	7.20	0.62	1.31	6.31	0.54	1.04	5.44	0.47	0.76
	12	7.19	0.52	0.94	6.32	0.46	0.69	5.49	0.40	0.47	4.68	0.34	0.31
	14	6.38	0.39	0.46	5.55	0.34	0.32	4.71	0.29	0.24	3.87	0.24	0.19
	16	5.59	0.30	0.26	4.74	0.26	0.21	3.89	0.21	0.18	3.04	0.16	0.14
50	8	11.10	1.20	3.88	10.22	1.10	3.36	9.33	1.01	2.88	8.46	0.91	2.43
	10	10.27	0.89	2.34	9.38	0.81	2.00	8.50	0.73	1.69	7.62	0.66	1.41
	12	9.41	0.68	1.48	8.51	0.61	1.25	7.63	0.55	1.04	6.74	0.48	0.83
	14	8.52	0.52	0.97	7.63	0.47	0.77	6.77	0.42	0.57	5.94	0.37	0.40
	16	7.67	0.41	0.55	6.83	0.37	0.40	6.01	0.32	0.29	5.17	0.28	0.22
55	8	13.26	1.43	5.16	12.37	1.33	4.57	11.48	1.24	4.02	10.60	1.14	3.50
	10	12.44	1.08	3.17	11.55	1.00	2.79	10.66	0.92	2.43	9.78	0.85	2.10
	12	11.60	0.83	2.06	10.70	0.77	1.80	9.81	0.71	1.55	8.93	0.64	1.32
	14	10.75	0.66	1.41	9.85	0.61	1.21	8.96	0.55	1.03	8.07	0.50	0.87
	16	9.86	0.53	0.97	8.96	0.48	0.82	8.07	0.44	0.66	7.21	0.39	0.50
60	8	15.43	1.67	6.62	14.52	1.57	5.95	13.63	1.47	5.33	12.74	1.38	4.74
	10	14.61	1.26	4.08	13.70	1.18	3.66	12.80	1.11	3.27	11.93	1.03	2.89
	12	13.78	0.99	2.71	12.87	0.93	2.41	11.98	0.86	2.13	11.09	0.80	1.87
	14	12.94	0.80	1.88	12.04	0.74	1.66	11.14	0.69	1.46	10.26	0.63	1.26
	16	12.08	0.65	1.34	11.18	0.60	1.18	10.27	0.55	1.02	9.39	0.51	0.87

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

NFD-V1000-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	7.08	0.76	2.05	6.16	0.66	1.62	5.23	0.56	1.22	4.34	0.47	0.79
	10	6.11	0.53	1.05	5.24	0.45	0.71	4.41	0.38	0.44	3.56	0.31	0.29
	12	5.31	0.38	0.44	4.45	0.32	0.31	3.57	0.26	0.24	2.70	0.19	0.18
	14	4.46	0.27	0.27	3.58	0.22	0.21	2.70	0.17	0.16	1.82	0.11	0.11
	16	3.60	0.19	0.19	2.72	0.15	0.15	1.83	0.10	0.10	0.94	0.05	0.05
45	8	9.39	1.01	3.23	8.47	0.91	2.71	7.55	0.81	2.23	6.64	0.72	1.79
	10	8.47	0.73	1.86	7.54	0.65	1.53	6.61	0.57	1.23	5.69	0.49	0.92
	12	7.51	0.54	1.12	6.59	0.47	0.84	5.72	0.41	0.58	4.89	0.35	0.38
	14	6.63	0.41	0.56	5.79	0.36	0.39	4.93	0.30	0.28	4.05	0.25	0.22
	16	5.84	0.32	0.30	4.96	0.27	0.24	4.07	0.22	0.20	3.19	0.17	0.16
50	8	11.67	1.26	4.59	10.75	1.16	3.98	9.83	1.06	3.41	8.91	0.96	2.88
	10	10.79	0.93	2.76	9.86	0.85	2.36	8.94	0.77	2.00	8.02	0.69	1.66
	12	9.86	0.71	1.74	8.92	0.64	1.47	8.00	0.58	1.22	7.08	0.51	0.99
	14	8.92	0.55	1.14	7.98	0.49	0.92	7.07	0.44	0.70	6.20	0.38	0.50
	16	8.00	0.43	0.67	7.13	0.38	0.50	6.28	0.34	0.35	5.43	0.29	0.25
55	8	13.96	1.50	6.11	13.02	1.40	5.42	12.09	1.30	4.77	11.17	1.20	4.16
	10	13.09	1.13	3.76	12.16	1.05	3.31	11.23	0.97	2.89	10.31	0.89	2.49
	12	12.20	0.88	2.44	11.27	0.81	2.13	10.33	0.74	1.84	9.41	0.68	1.57
	14	11.30	0.70	1.66	10.36	0.64	1.43	9.43	0.58	1.22	8.50	0.52	1.02
	16	10.35	0.56	1.15	9.40	0.51	0.97	8.46	0.46	0.79	7.56	0.41	0.61
60	8	16.25	1.76	7.85	15.29	1.65	7.07	14.36	1.55	6.34	13.46	1.45	5.64
	10	15.38	1.33	4.84	14.44	1.24	4.34	13.51	1.16	3.87	12.58	1.09	3.42
	12	14.50	1.04	3.21	13.57	0.97	2.86	12.63	0.91	2.53	11.70	0.84	2.22
	14	13.63	0.84	2.23	12.69	0.78	1.97	11.75	0.72	1.73	10.82	0.67	1.50
	16	12.72	0.69	1.59	11.78	0.63	1.39	10.84	0.58	1.21	9.91	0.53	1.04

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

NFD-V1200-4-2P													
EWT	ΔT	Indoor temperature (W.B.)											
		16			18			20			22		
		TH	WF	WPD	TH	WF	WPD	TH	WF	WPD	TH	WF	WPD
°C	°C	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa	kW	m³/h	kPa
40	8	9.38	1.01	4.03	8.18	0.88	3.19	6.98	0.75	2.43	5.79	0.62	1.77
	10	8.18	0.71	2.20	6.96	0.60	1.67	5.78	0.50	1.10	4.67	0.40	0.63
	12	6.97	0.50	1.10	5.84	0.42	0.69	4.73	0.34	0.41	3.57	0.26	0.30
	14	5.91	0.36	0.47	4.75	0.29	0.35	3.59	0.22	0.26	2.42	0.15	0.18
	16	4.78	0.26	0.32	3.61	0.20	0.24	2.44	0.13	0.16	1.25	0.07	0.09
45	8	12.36	1.33	6.30	11.15	1.20	5.28	9.95	1.07	4.34	8.76	0.95	3.49
	10	11.20	0.97	3.65	9.99	0.86	3.00	8.79	0.76	2.42	7.59	0.65	1.88
	12	10.02	0.72	2.24	8.80	0.63	1.80	7.58	0.55	1.38	6.39	0.46	0.94
	14	8.77	0.54	1.35	7.58	0.47	0.96	6.45	0.40	0.62	5.34	0.33	0.39
	16	7.66	0.41	0.68	6.54	0.35	0.45	5.38	0.29	0.33	4.22	0.23	0.25
50	8	15.33	1.65	8.94	14.11	1.52	7.74	12.91	1.39	6.63	11.71	1.26	5.60
	10	14.20	1.23	5.37	12.98	1.12	4.61	11.77	1.02	3.89	10.58	0.91	3.24
	12	13.04	0.94	3.40	11.82	0.85	2.88	10.61	0.76	2.39	9.40	0.68	1.95
	14	11.86	0.73	2.24	10.63	0.66	1.86	9.41	0.58	1.52	8.19	0.50	1.18
	16	10.64	0.57	1.50	9.41	0.51	1.19	8.22	0.44	0.87	7.08	0.38	0.59
55	8	18.29	1.97	11.91	17.06	1.84	10.55	15.85	1.71	9.27	14.64	1.58	8.08
	10	17.19	1.49	7.31	15.95	1.38	6.43	14.74	1.27	5.60	13.53	1.17	4.84
	12	16.04	1.15	4.75	14.82	1.06	4.14	13.60	0.98	3.57	12.39	0.89	3.04
	14	14.90	0.92	3.24	13.67	0.84	2.79	12.45	0.77	2.38	11.24	0.69	2.00
	16	13.71	0.74	2.25	12.48	0.67	1.91	11.25	0.61	1.61	10.03	0.54	1.32
60	8	21.29	2.30	15.30	20.04	2.16	13.70	18.81	2.03	12.26	17.58	1.89	10.90
	10	20.16	1.74	9.43	18.92	1.63	8.44	17.69	1.53	7.51	16.47	1.42	6.63
	12	19.04	1.37	6.27	17.81	1.28	5.58	16.58	1.19	4.93	15.36	1.11	4.32
	14	17.90	1.10	4.33	16.67	1.03	3.83	15.44	0.95	3.36	14.22	0.88	2.91
	16	16.75	0.90	3.09	15.51	0.84	2.71	14.28	0.77	2.35	13.06	0.70	2.02

Abbreviations:

Δt : Temperature Difference (°C) **TH:** Total Heating Capacity (kW) **WF:** Water Flow (m³/h) **WPD:** Water Pressure Drop (kPa)

DC Fan Coil Unit

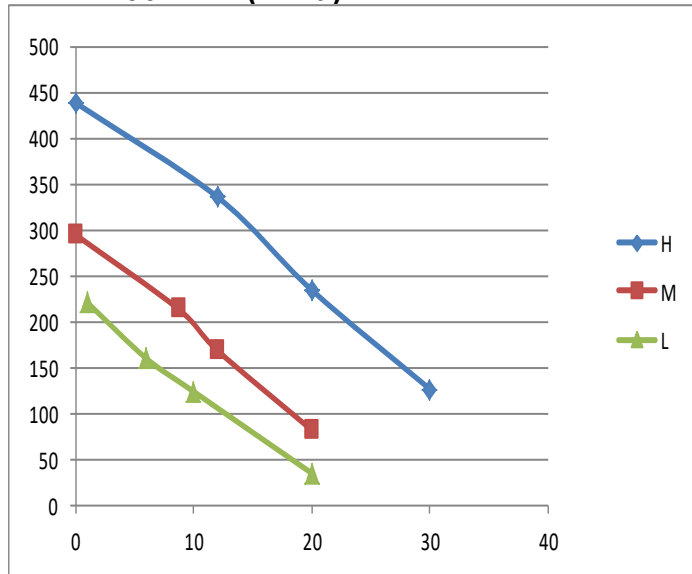
7 . Static Pressure Graphs

How to read the diagram:

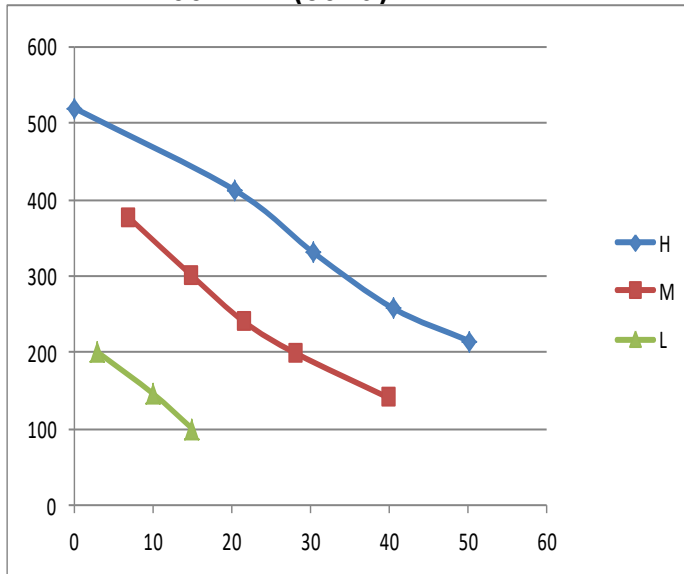
The horizontal axis is the External Static Pressure (Pa) while the vertical axis represents the Air Flow (m³/h). The fan performance curves are for the "H- High Speed", "M-MediumSpeed", "L-Low Speed" fan speed.

The dotted line stands for reserved fan speed.

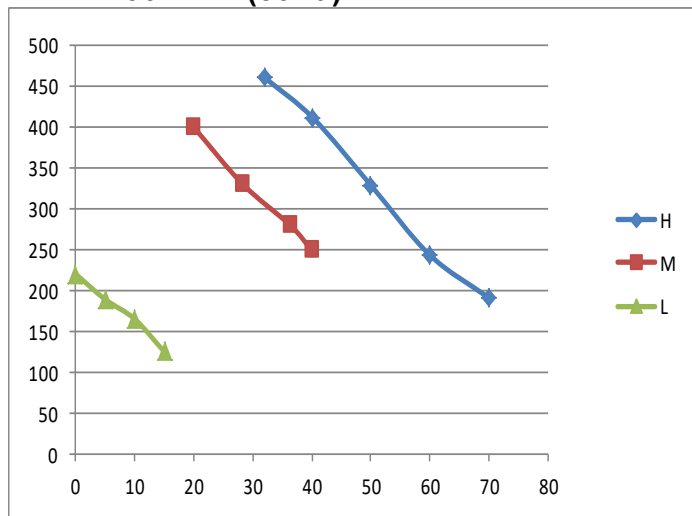
NFD-V200-2-2P (12Pa)



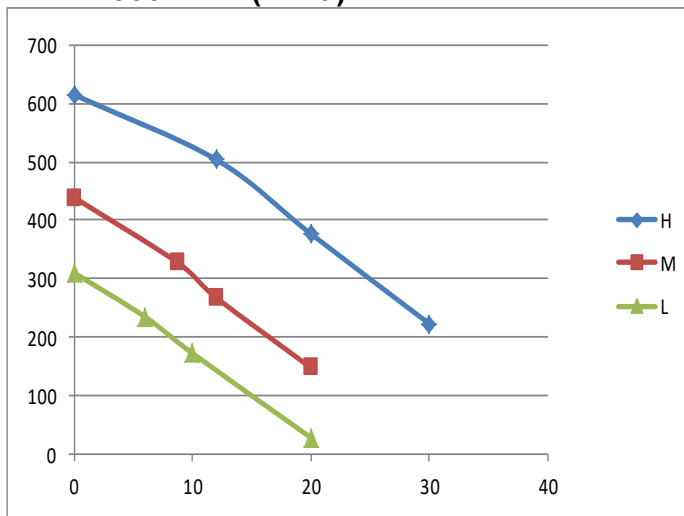
NFD-V200-2-2P (30Pa)



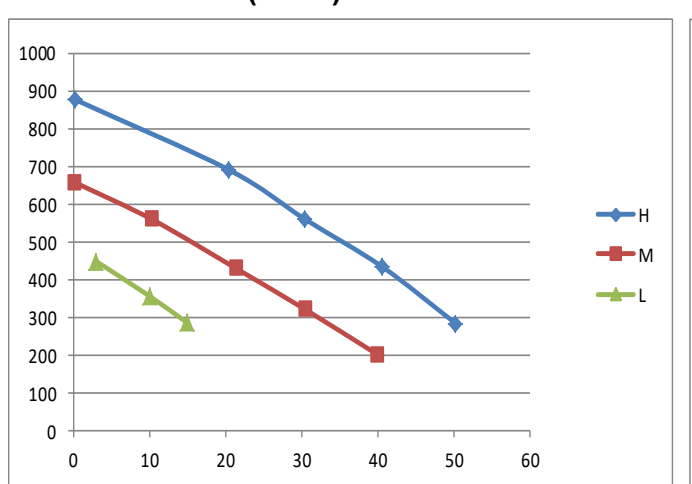
NFD-V200-2-2P (50Pa)



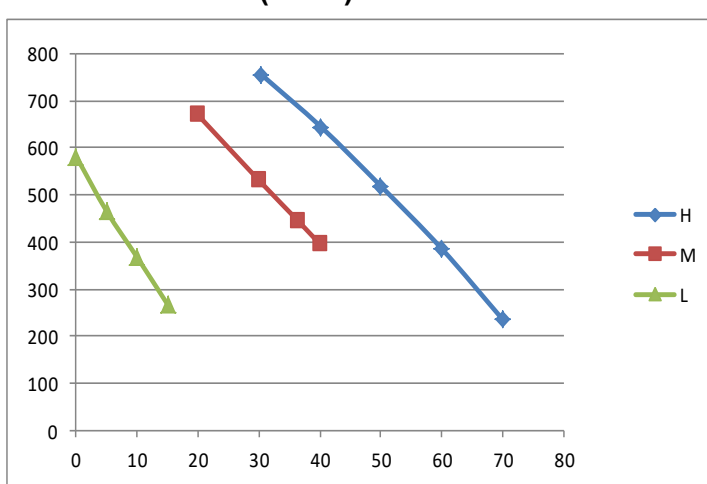
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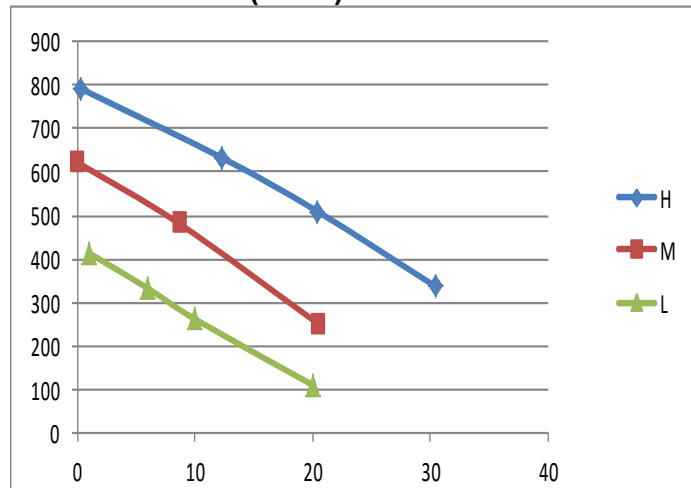
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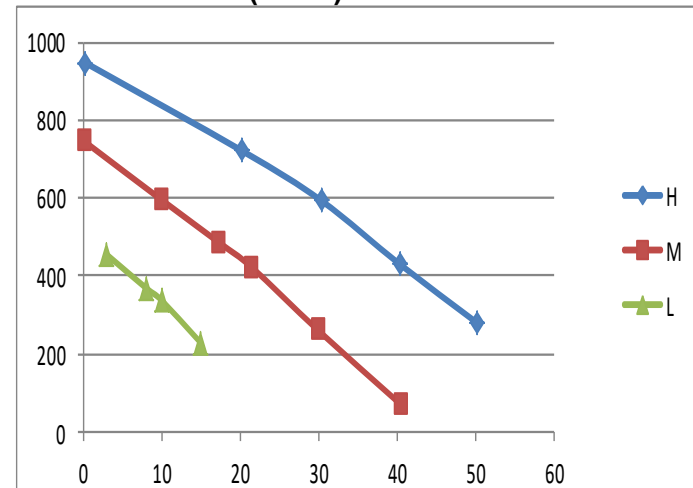
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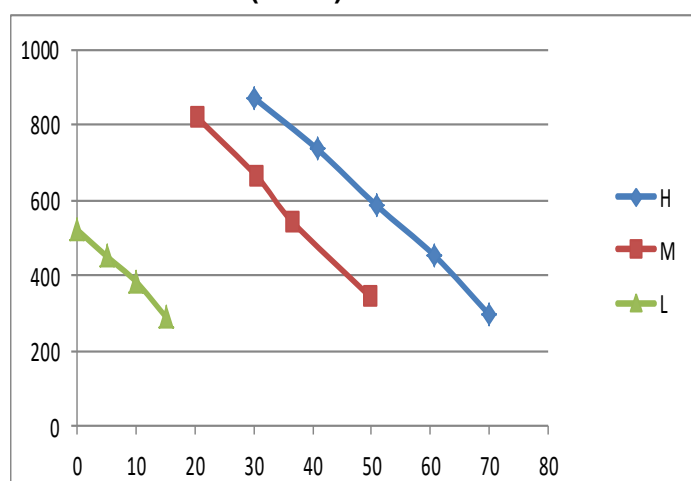
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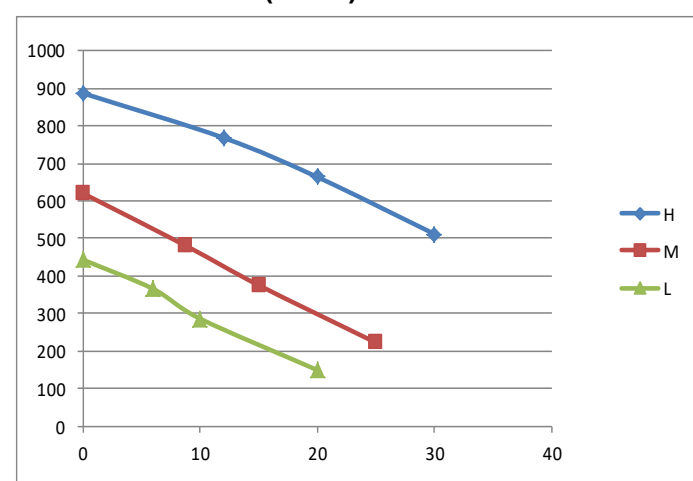
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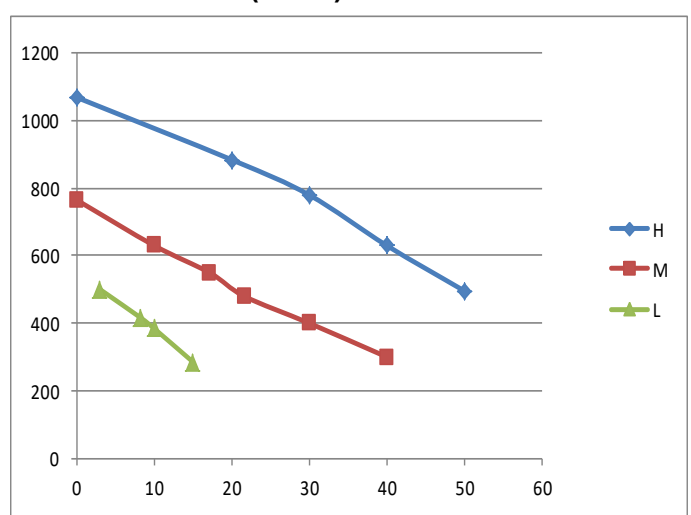
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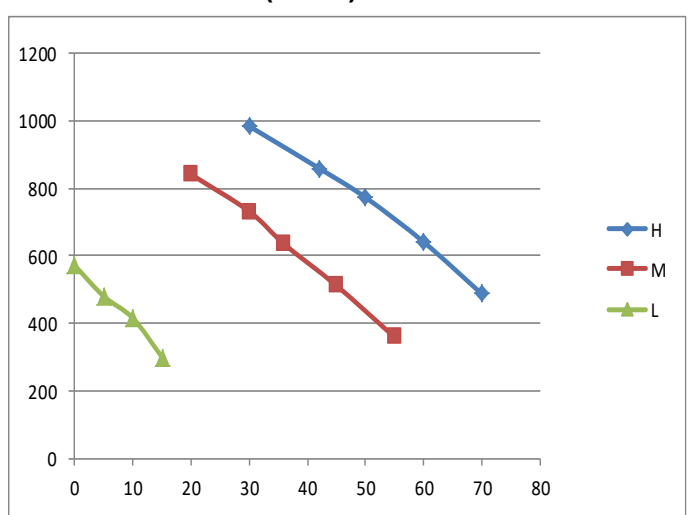
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NFD-V500-2-2P (30Pa)

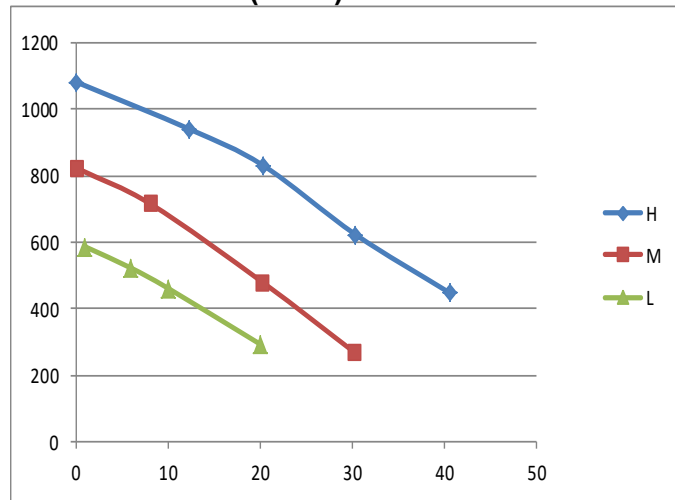


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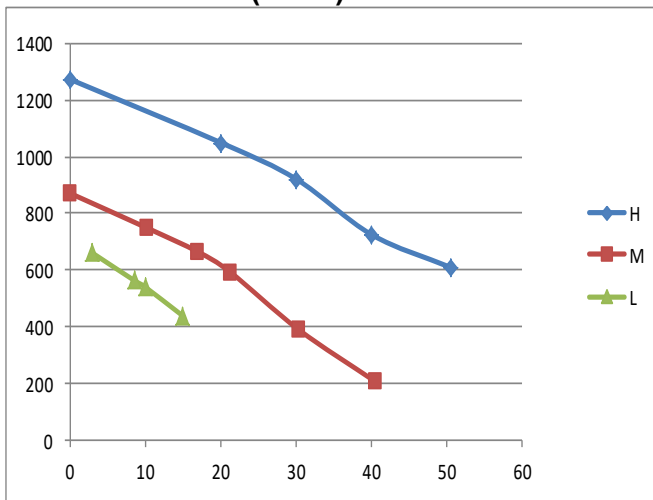


DC Fan Coil Unit

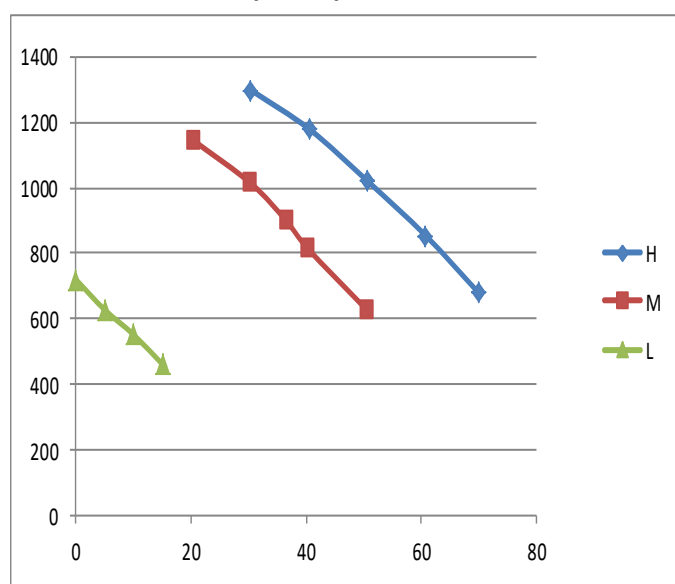
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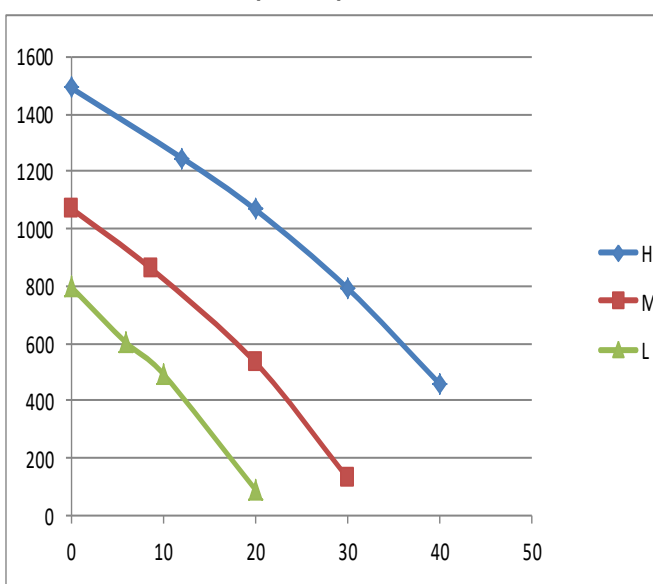
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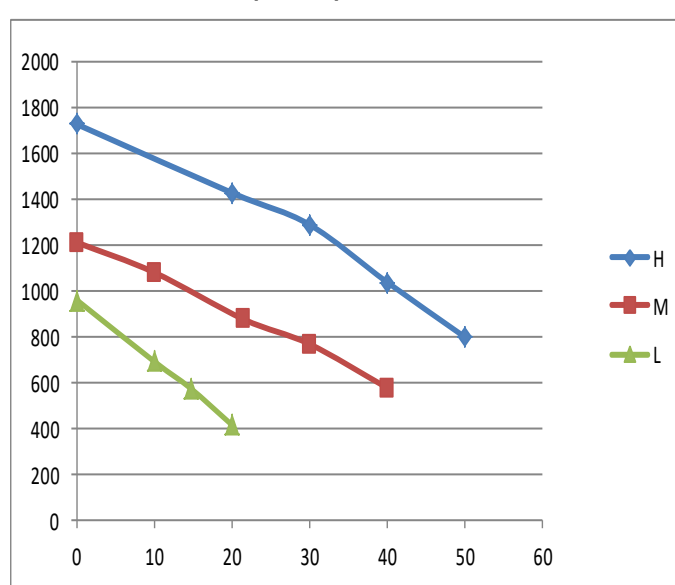
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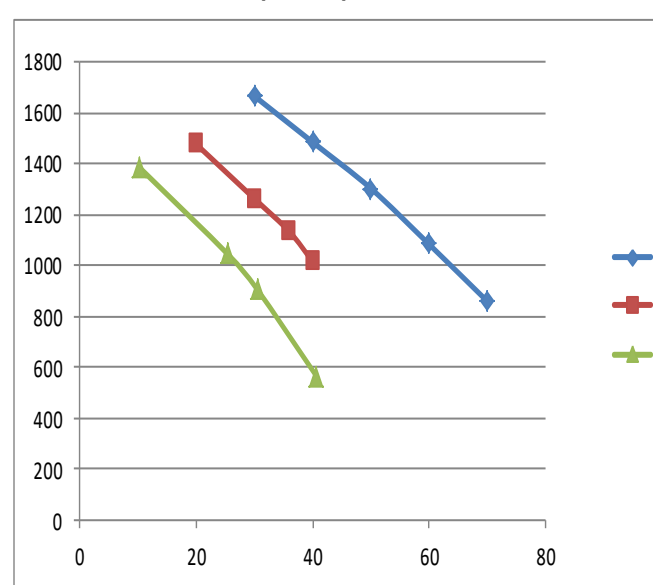
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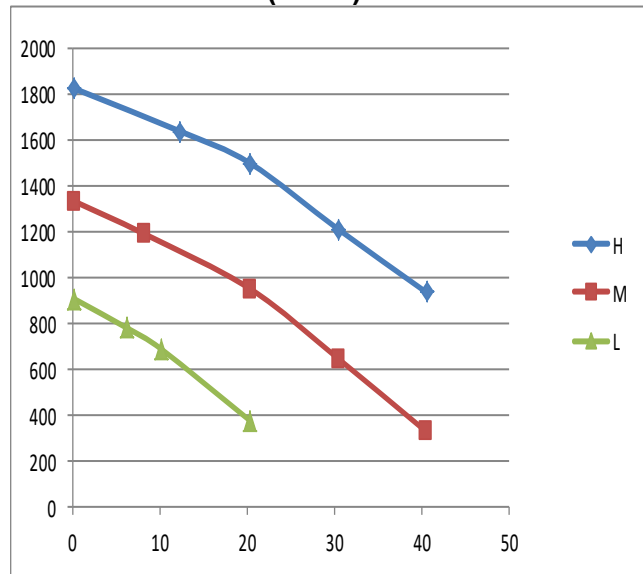
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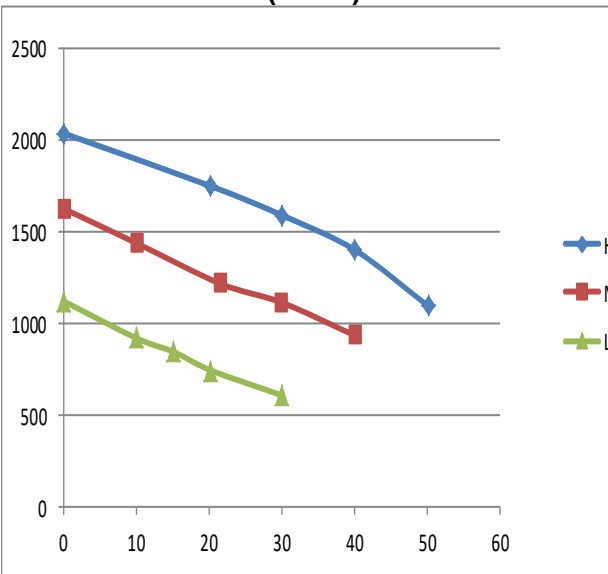
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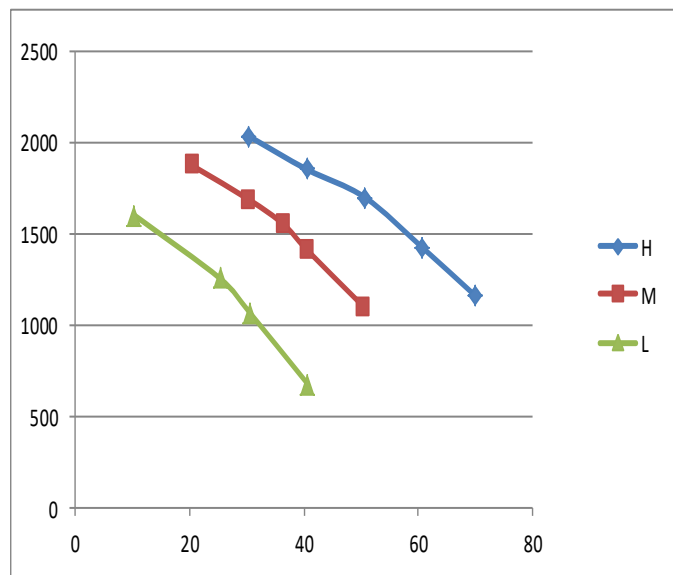
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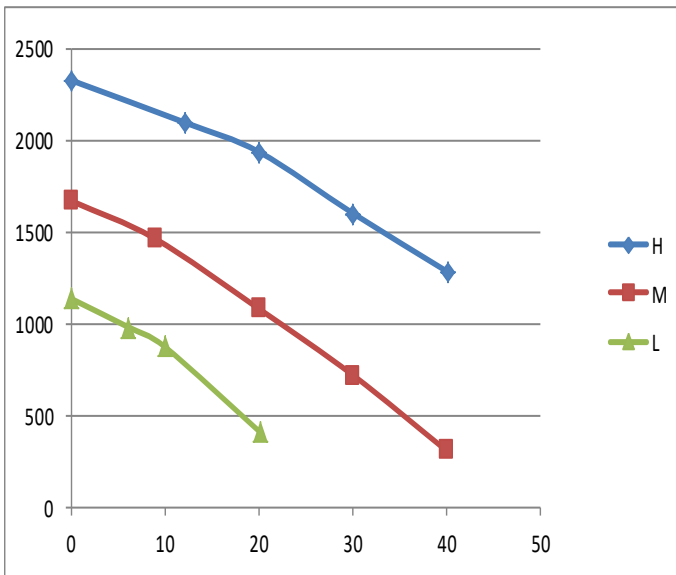
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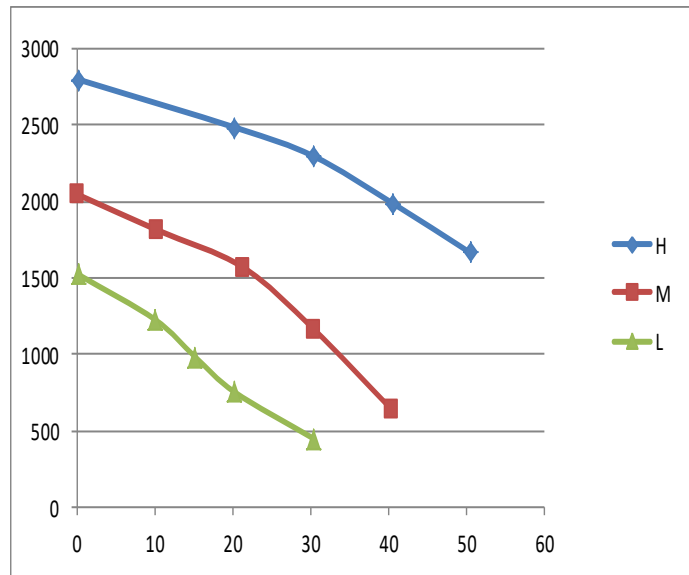
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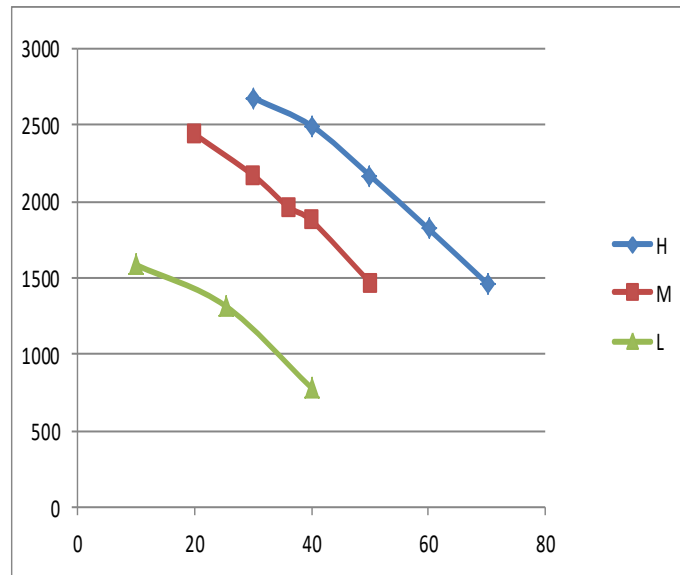
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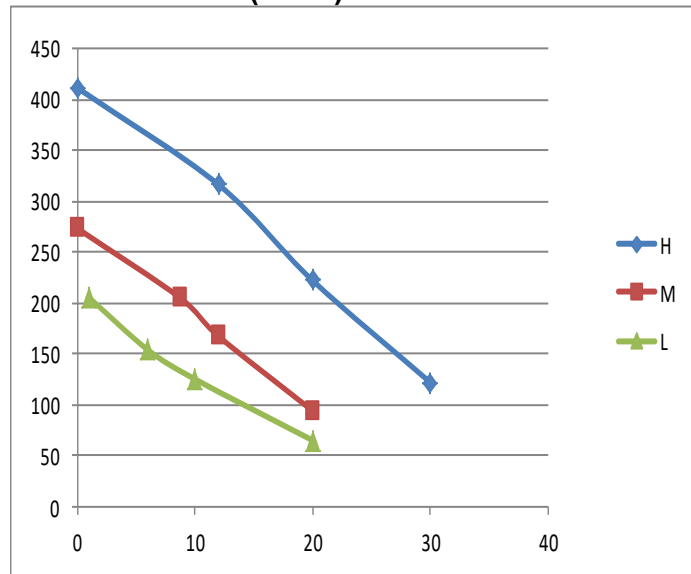


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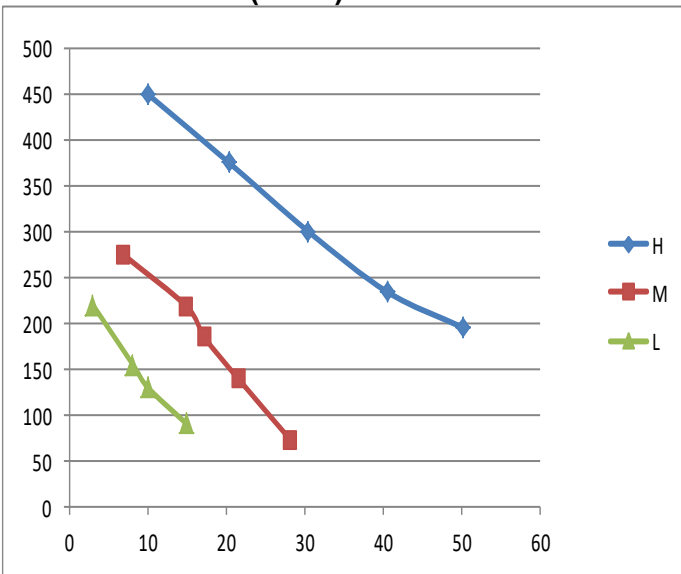


DC Fan Coil Unit

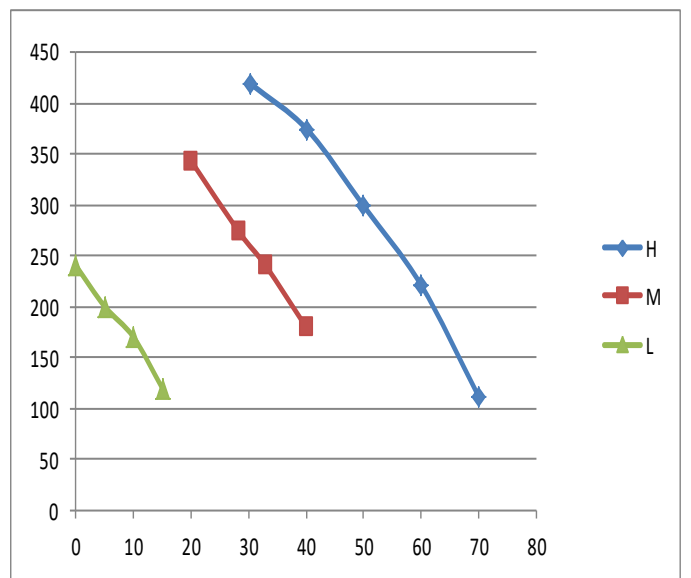
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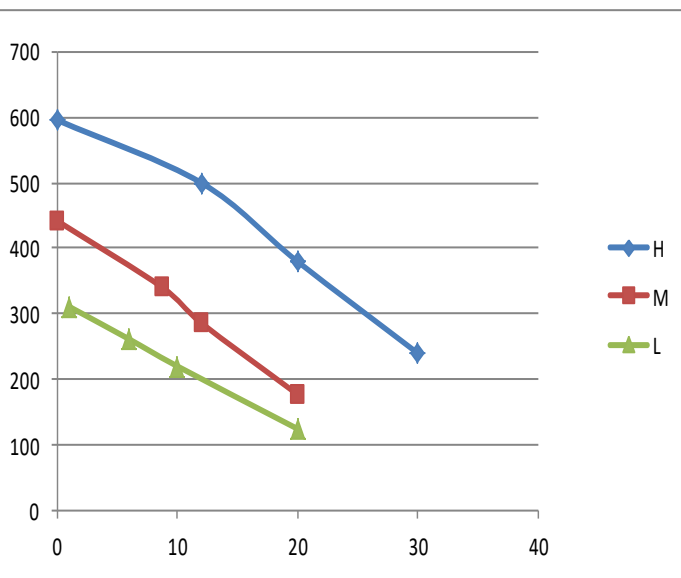
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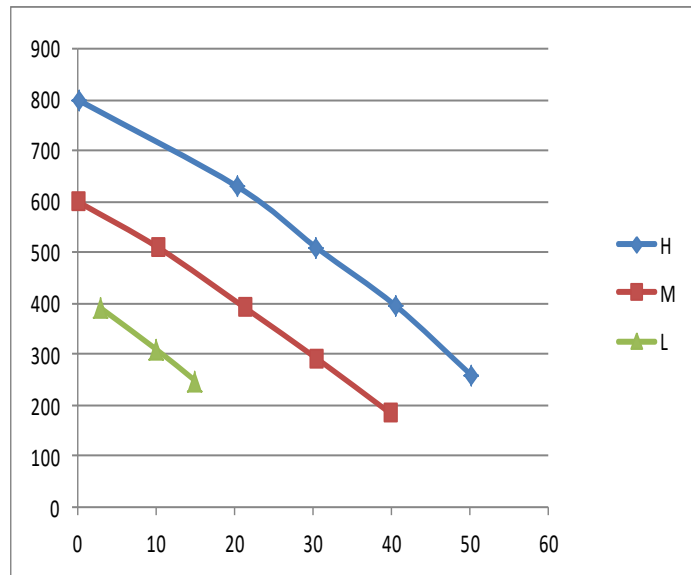
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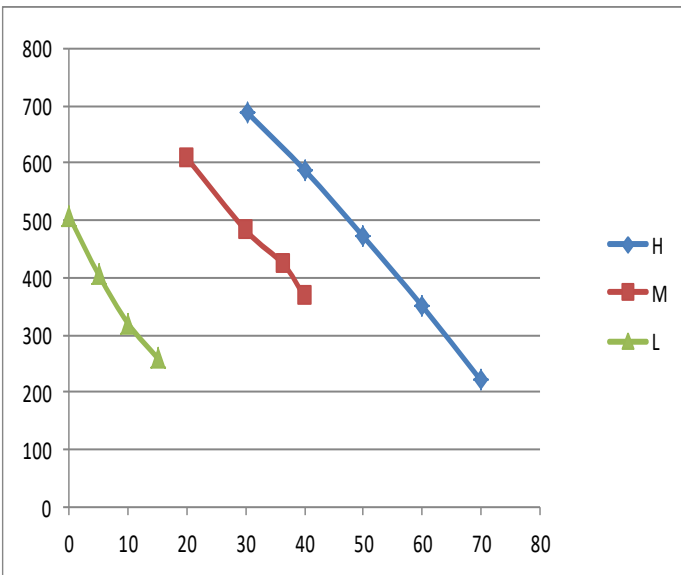
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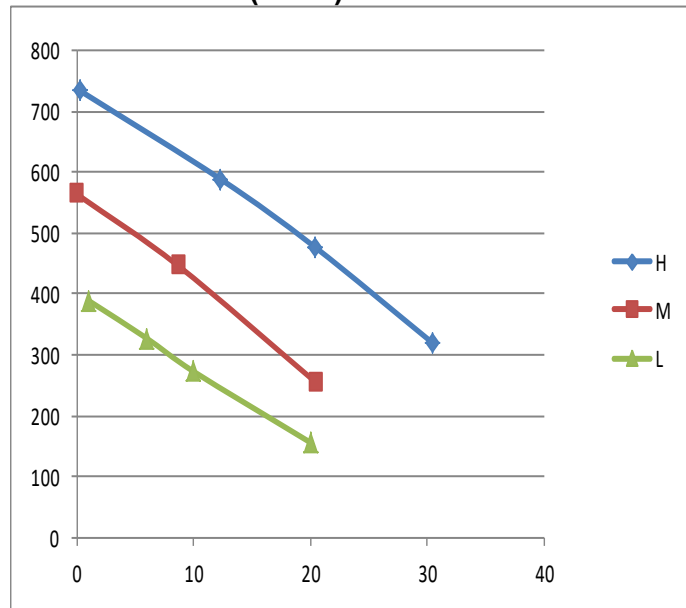
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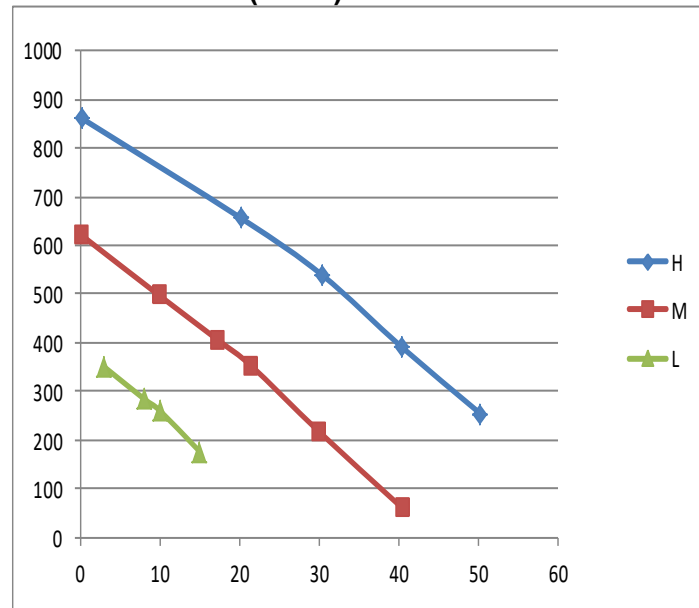
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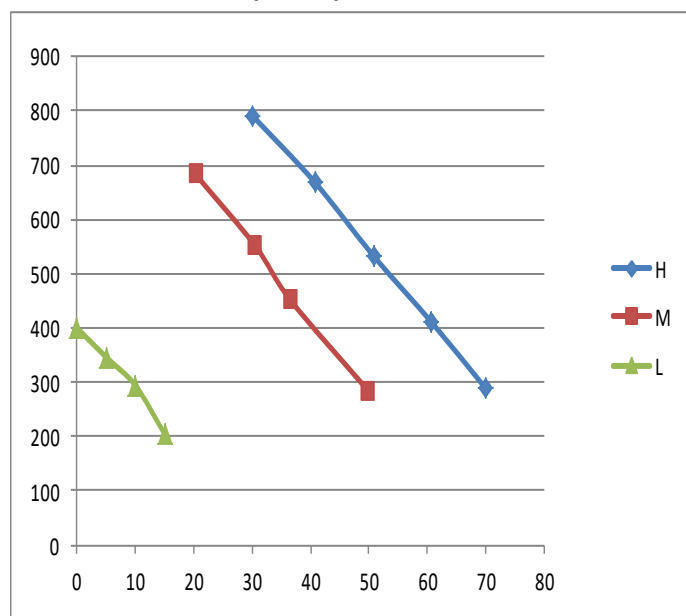
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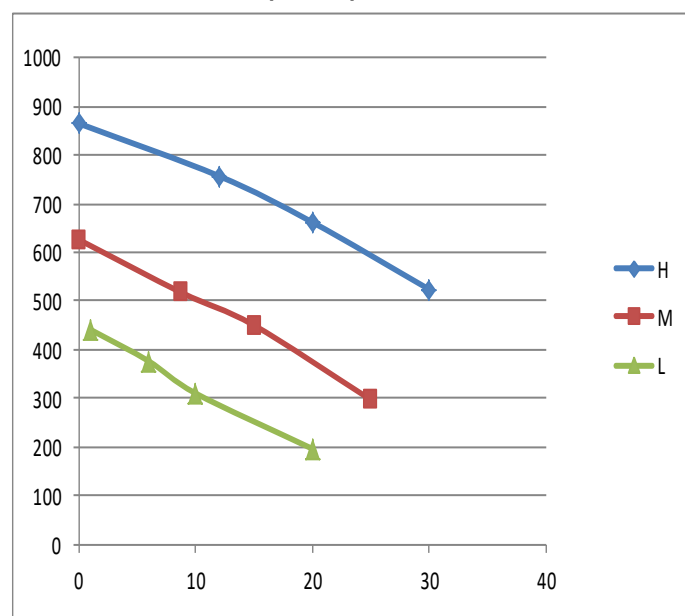
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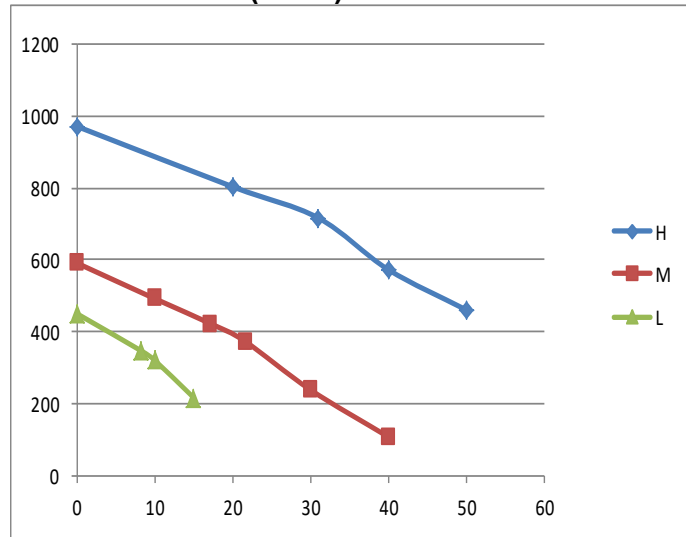
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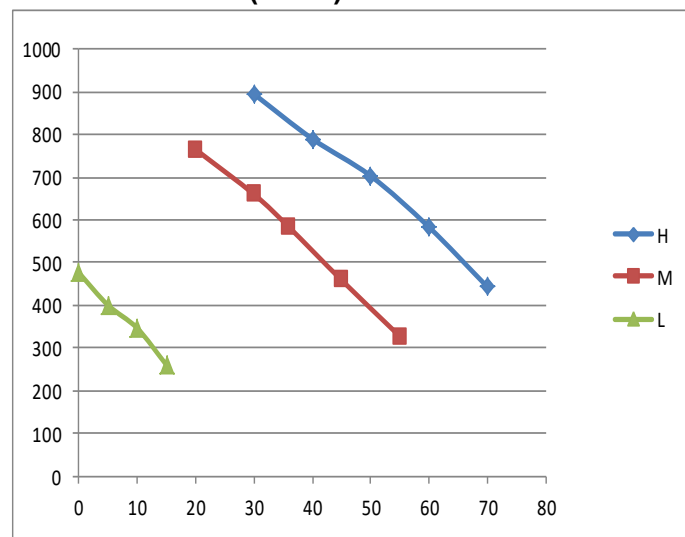
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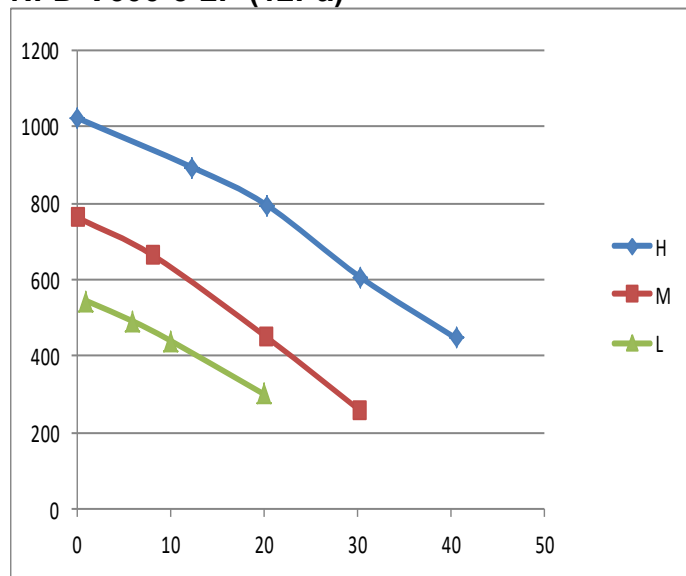


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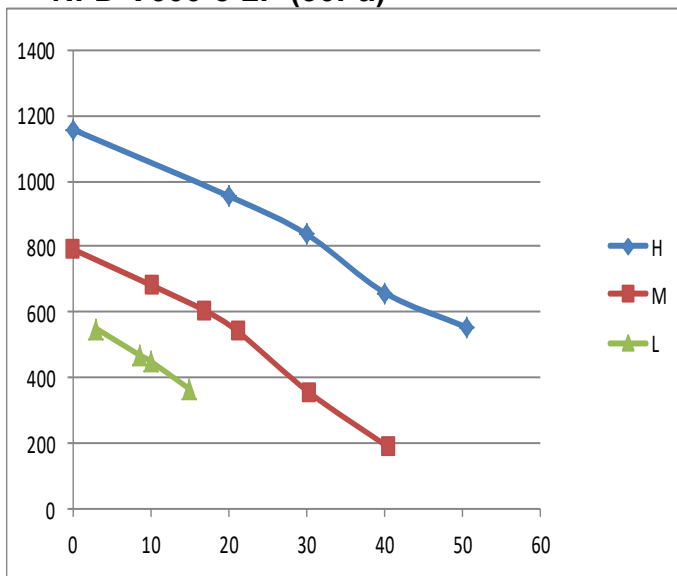


DC Fan Coil Unit

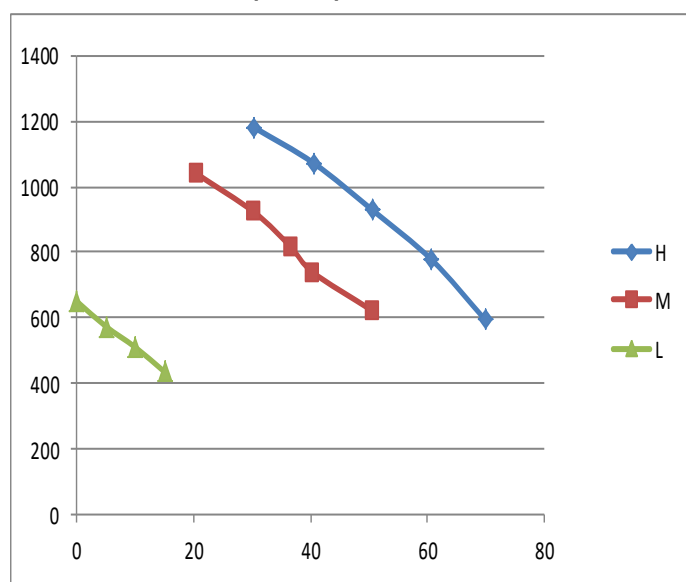
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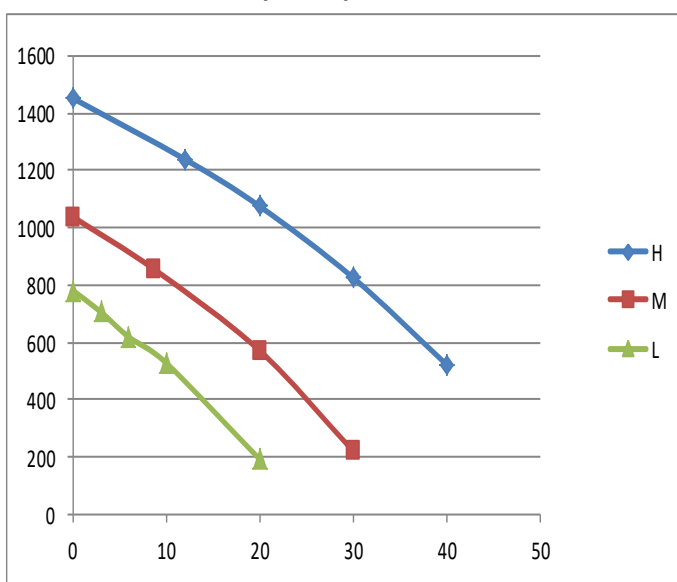
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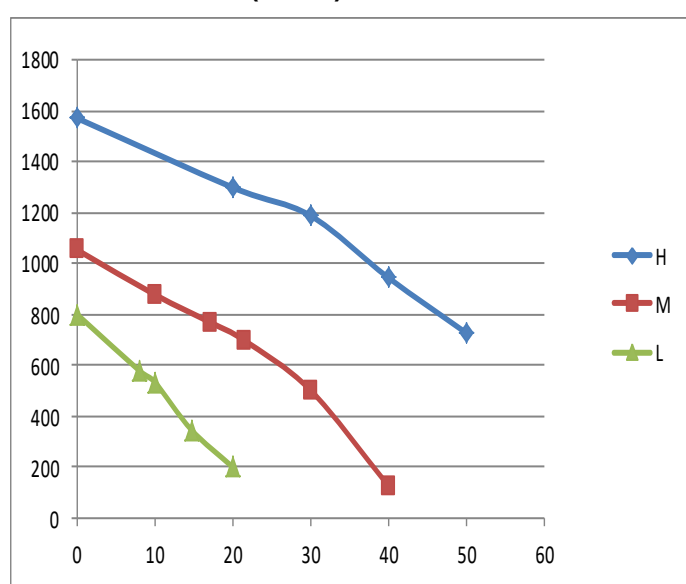
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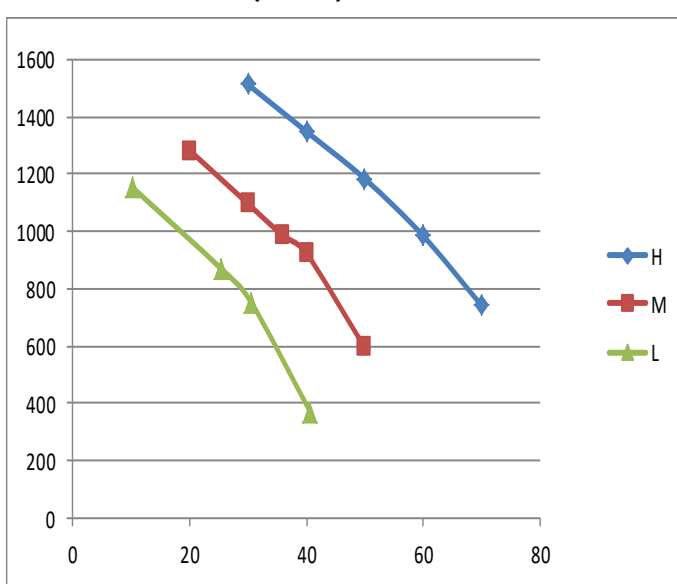
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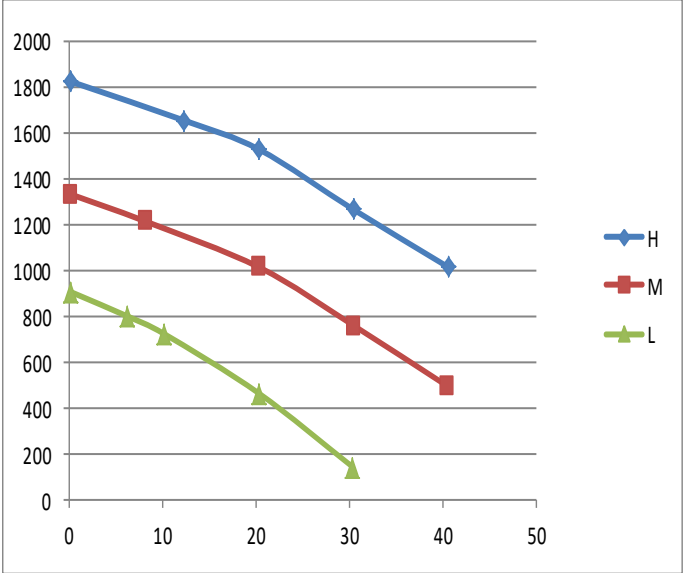
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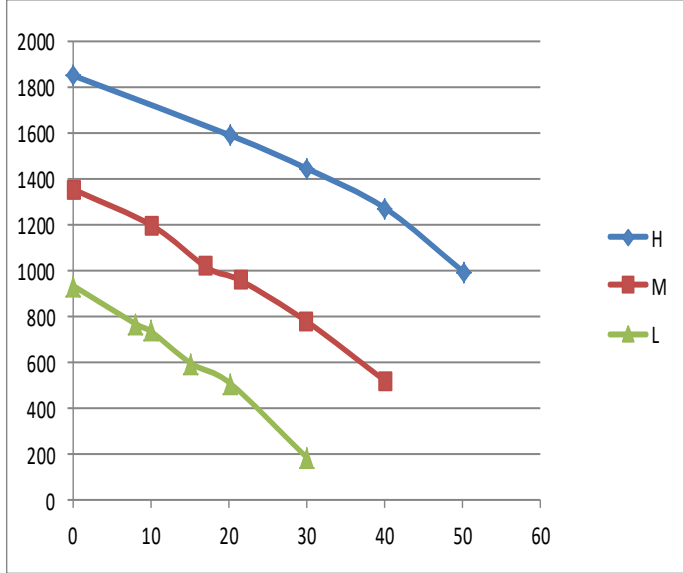
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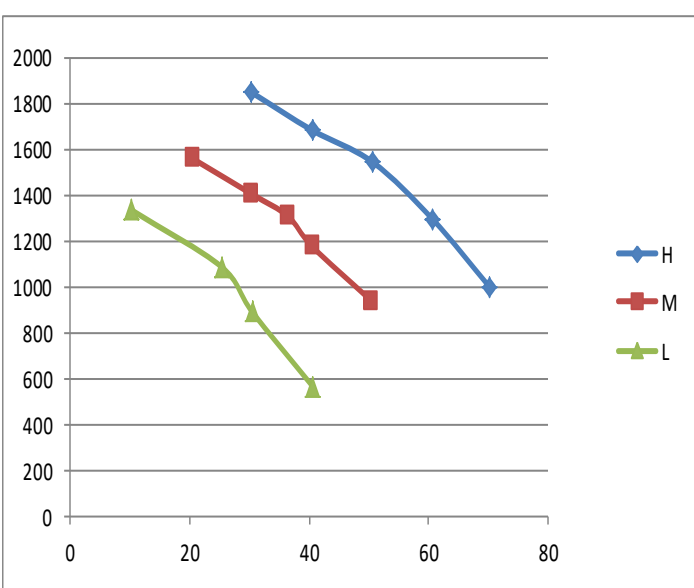
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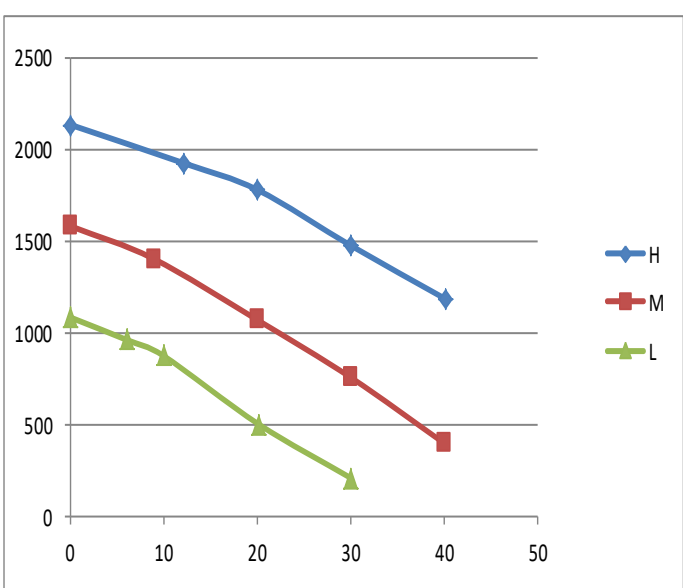
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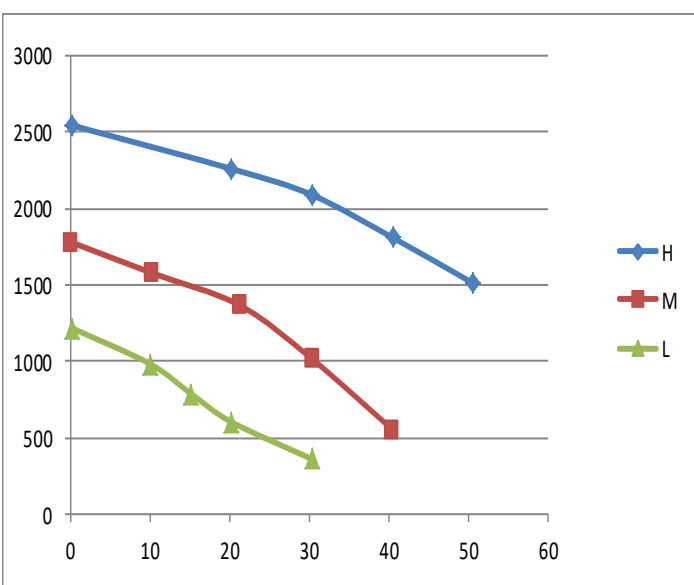
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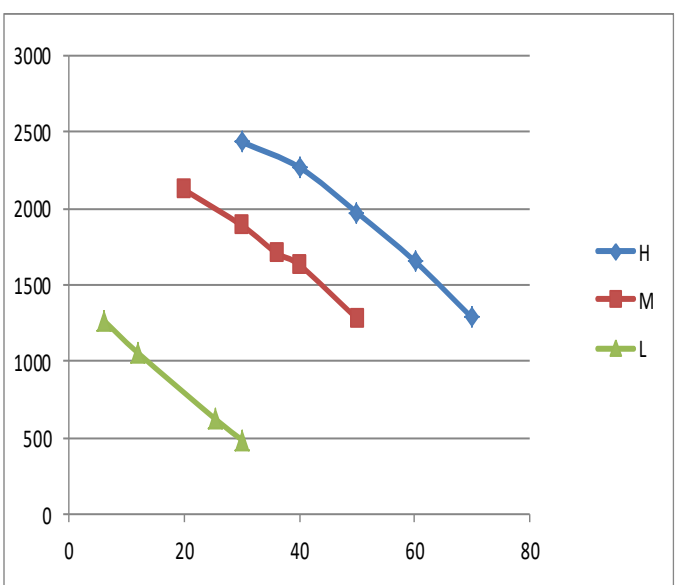
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NFD-V1200-3-2P (30Pa)

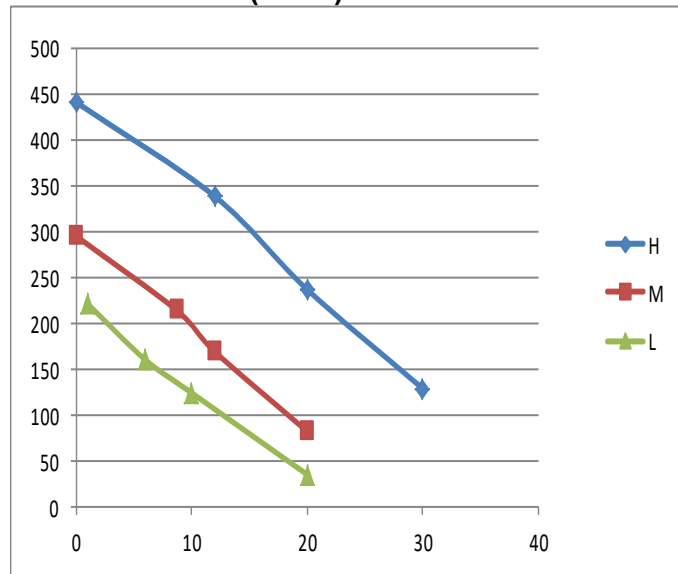


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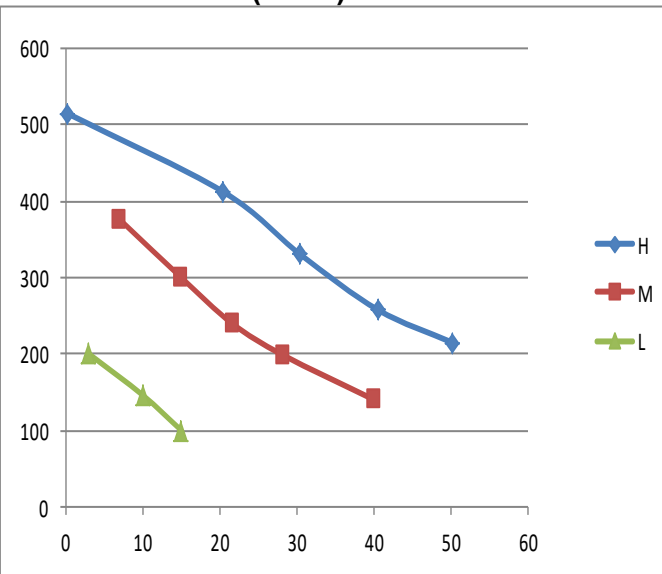


DC Fan Coil Unit

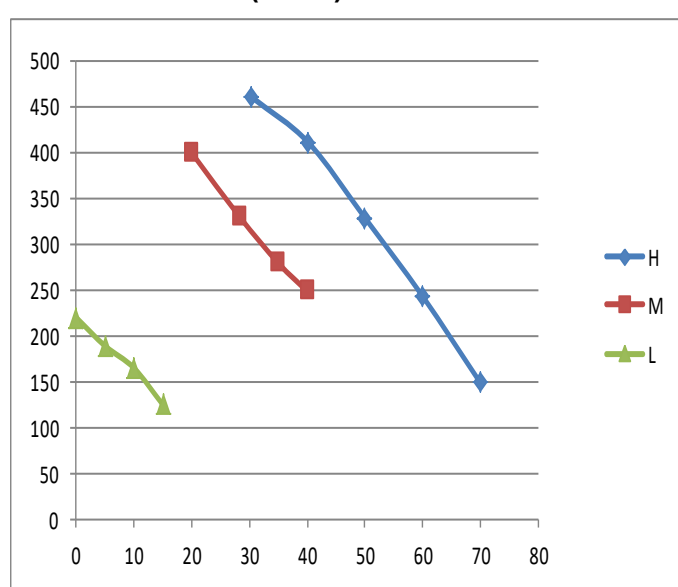
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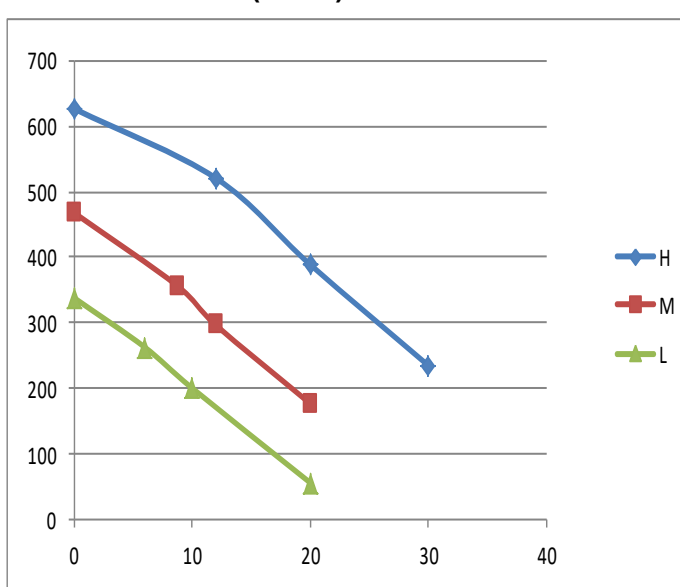
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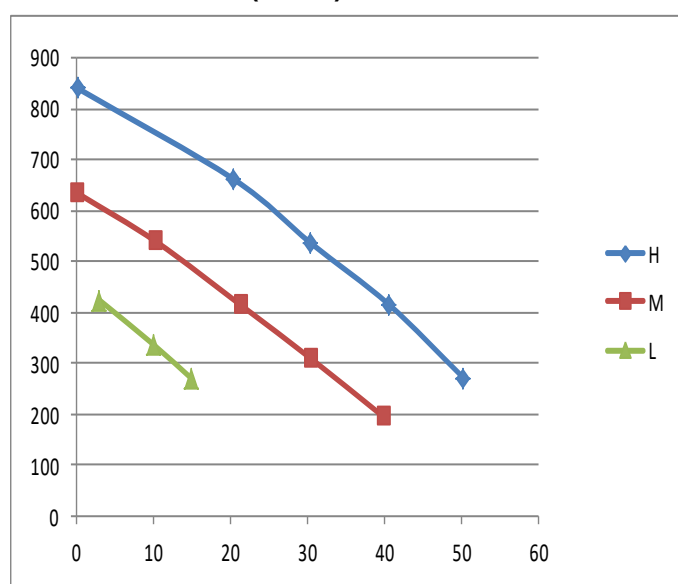
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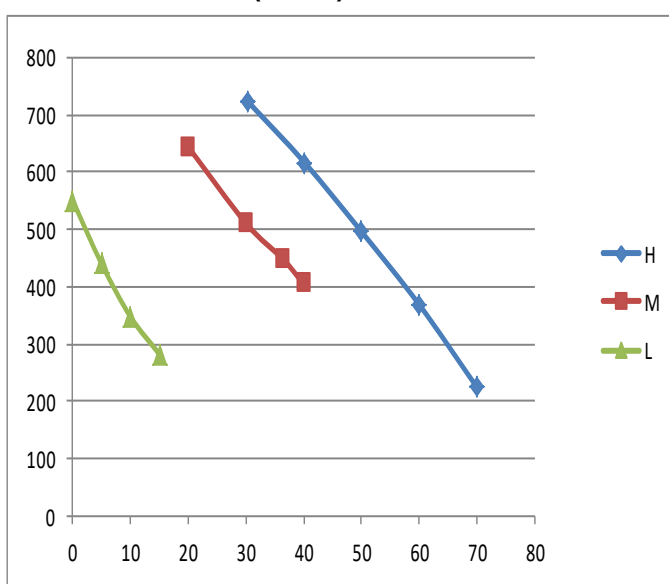
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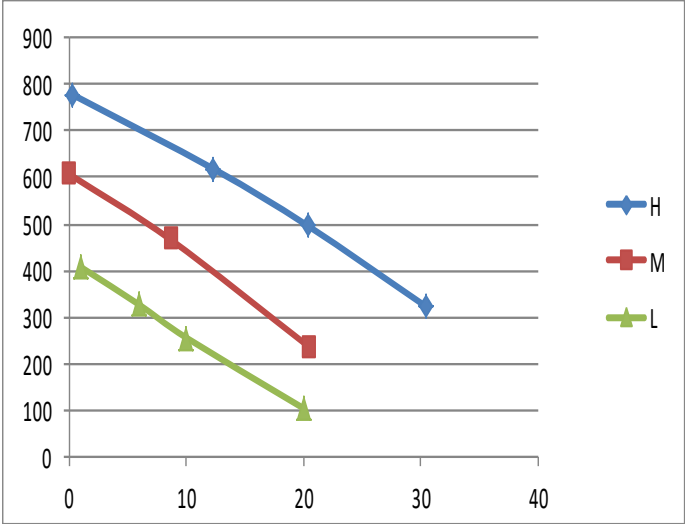
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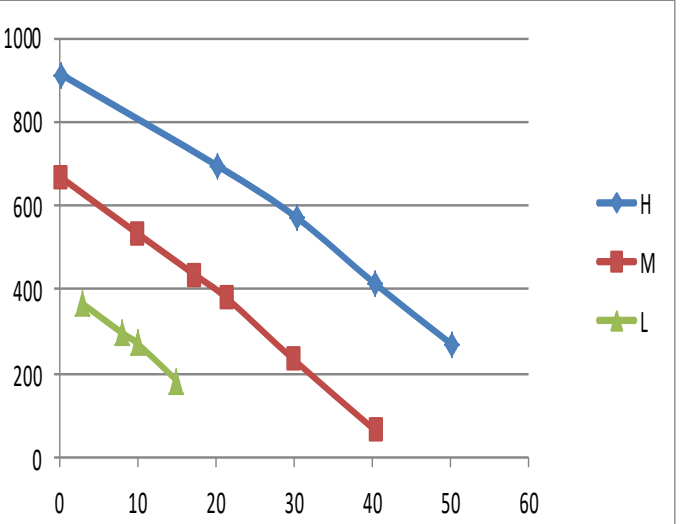
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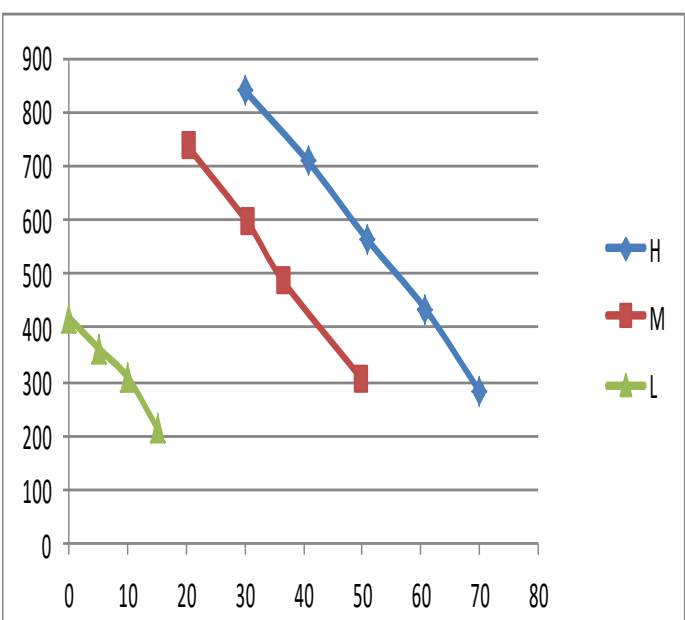
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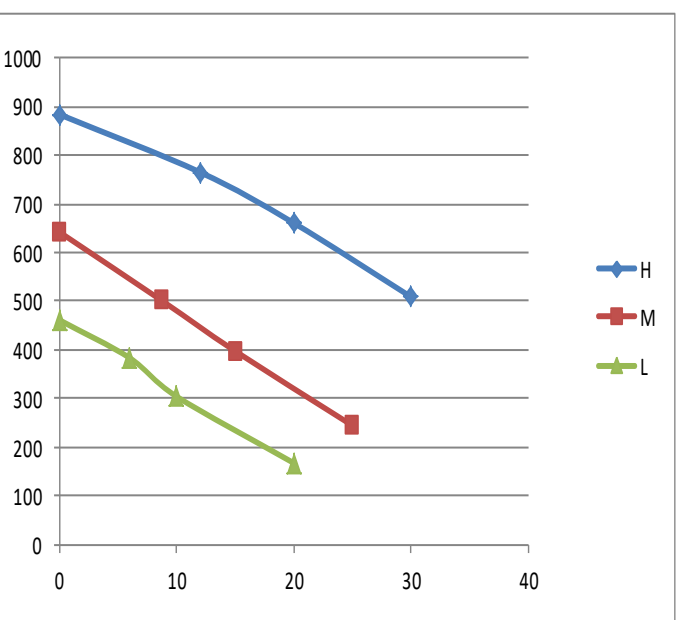
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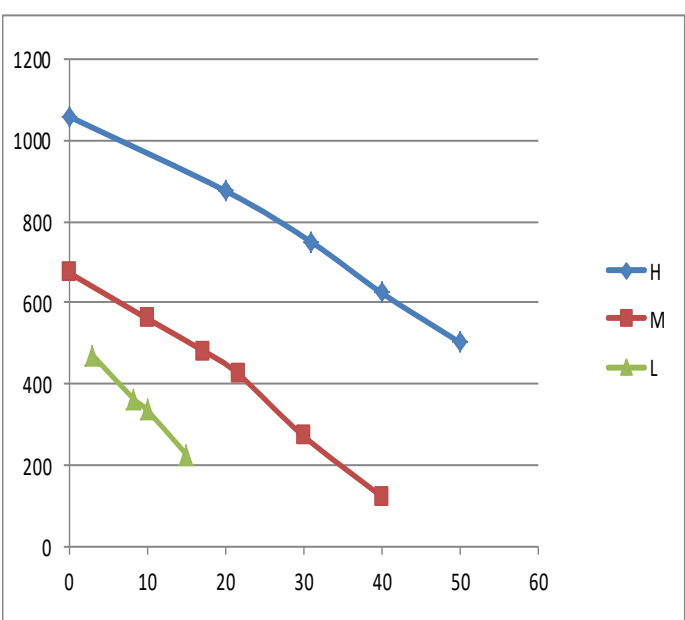
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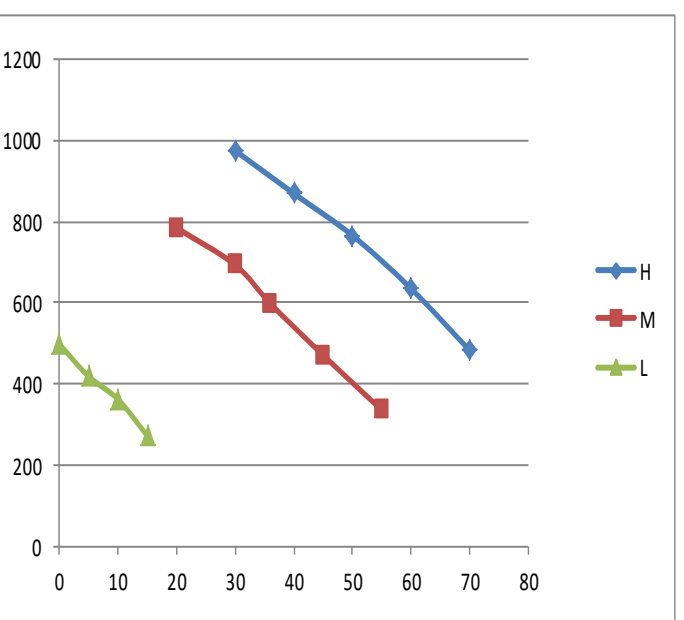
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NFD-V500-4-2P (30Pa)

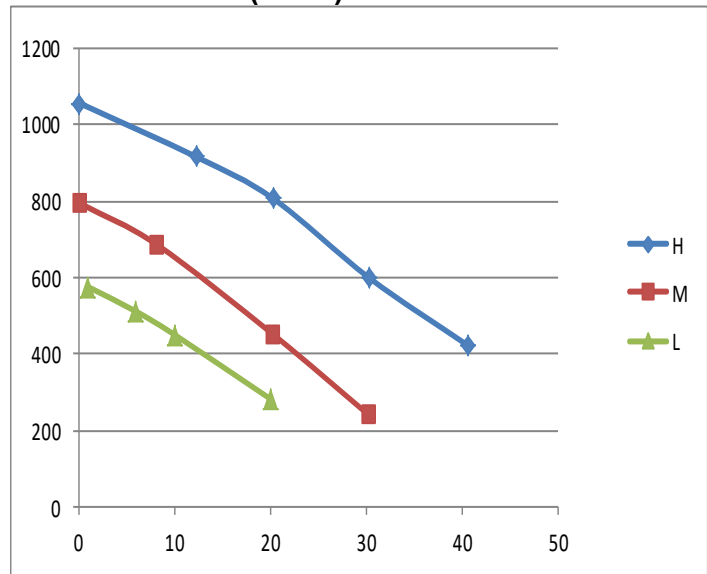


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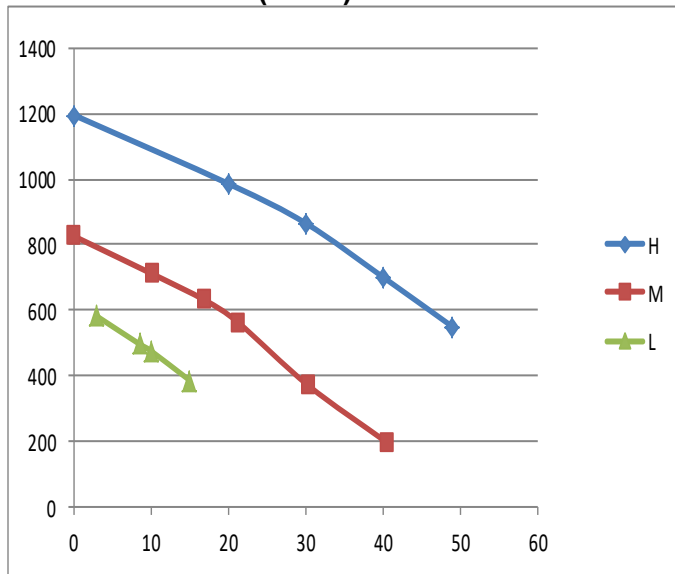


DC Fan Coil Unit

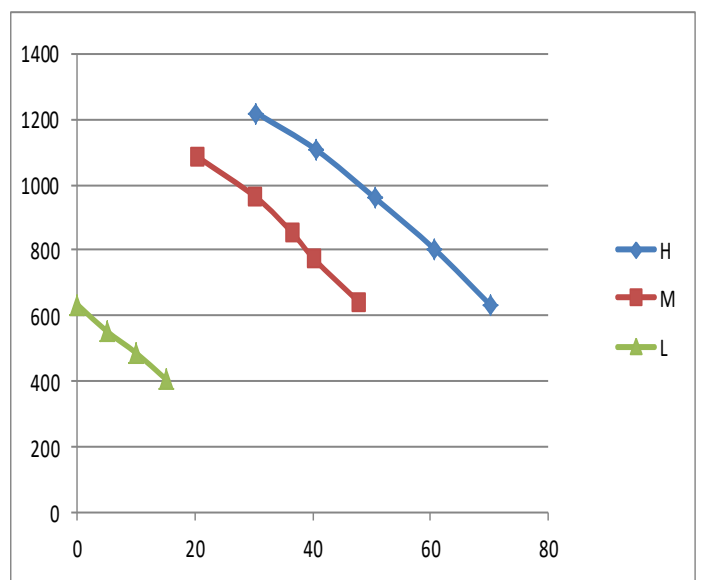
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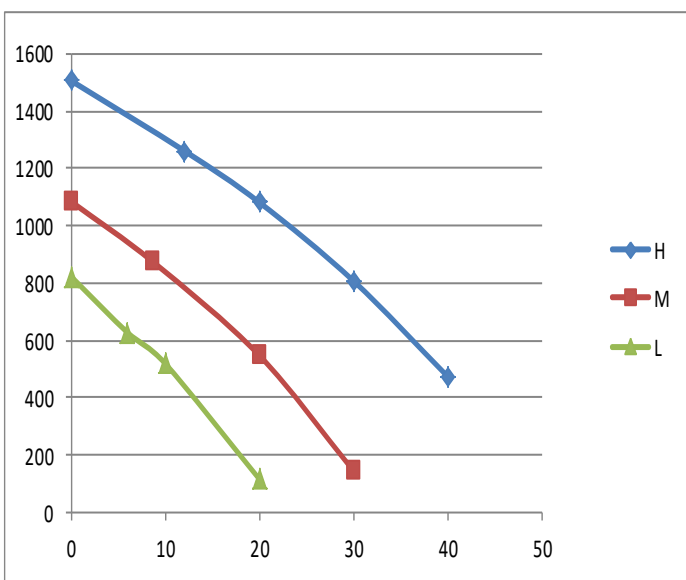
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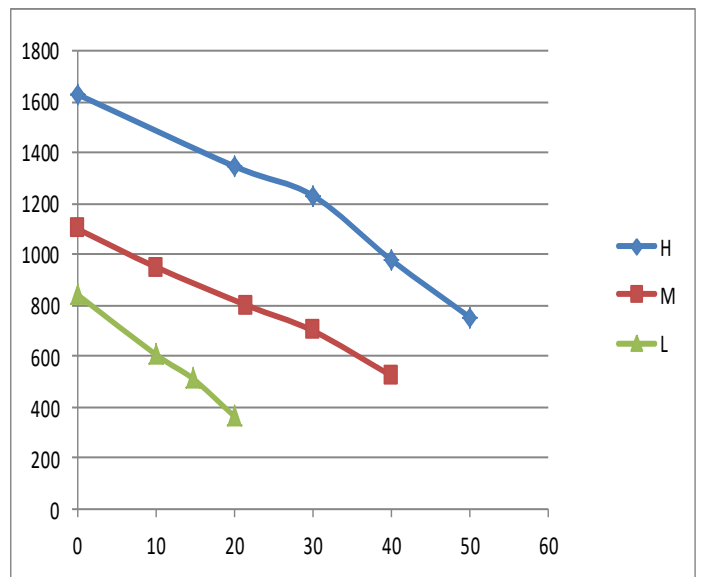
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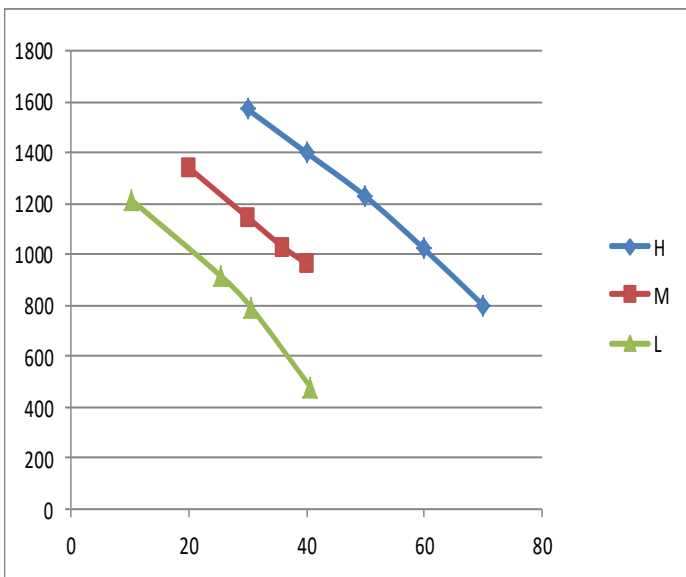
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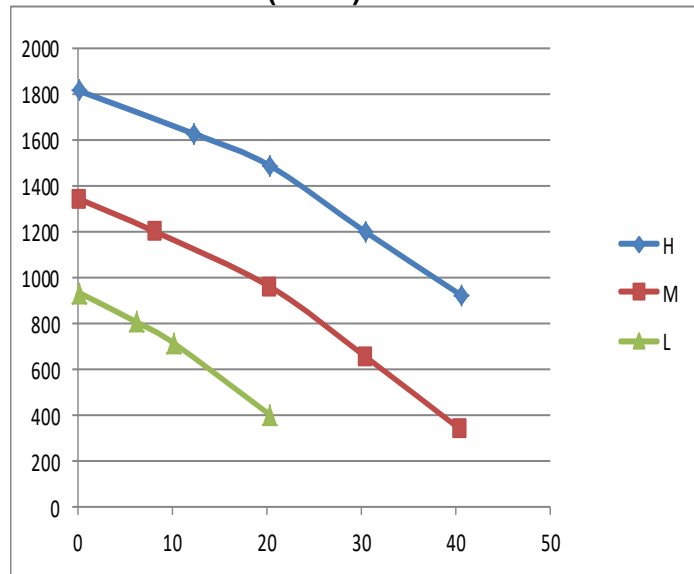
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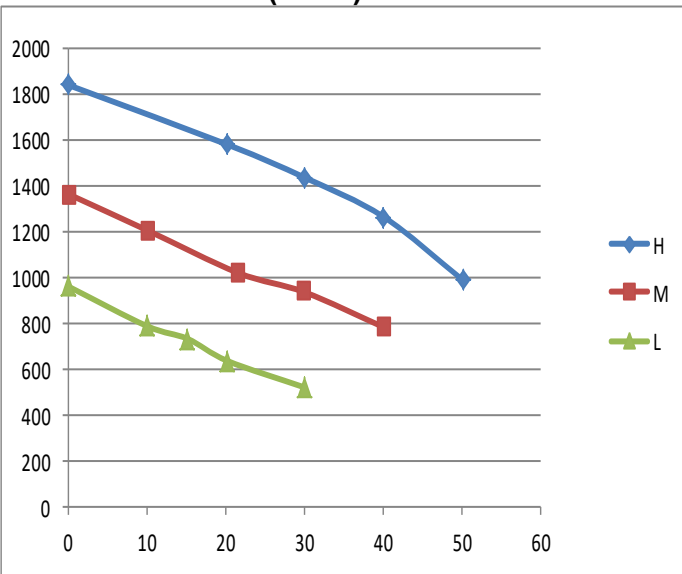
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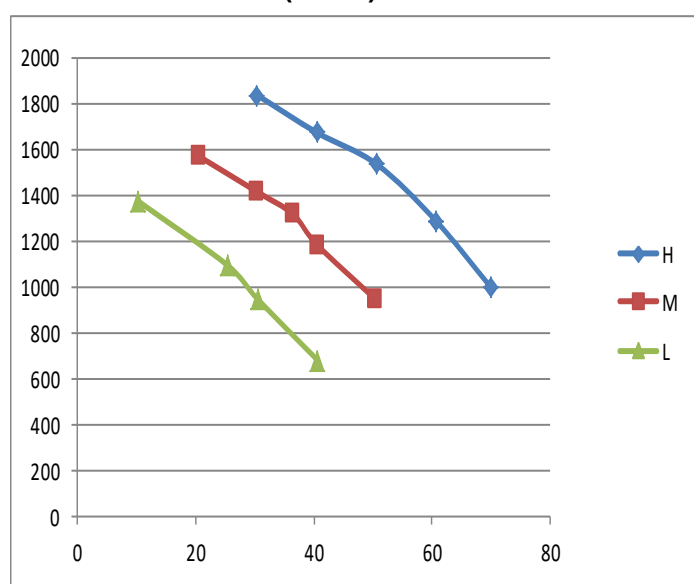
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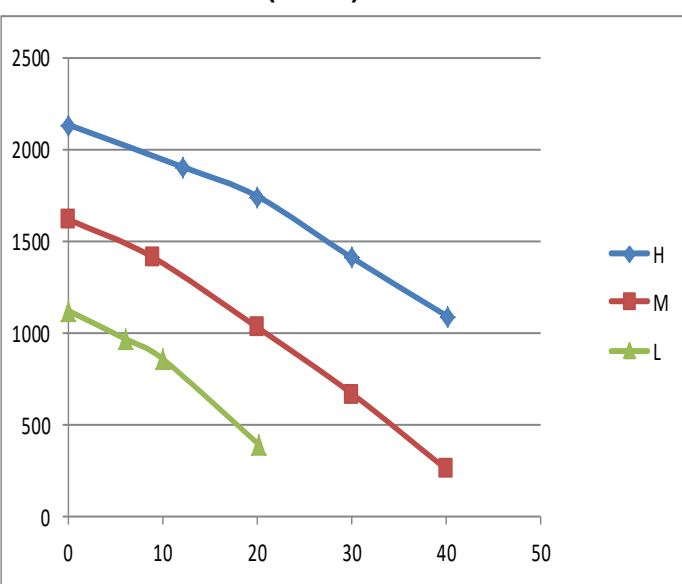
NFD-V1000-4-2P (30Pa)



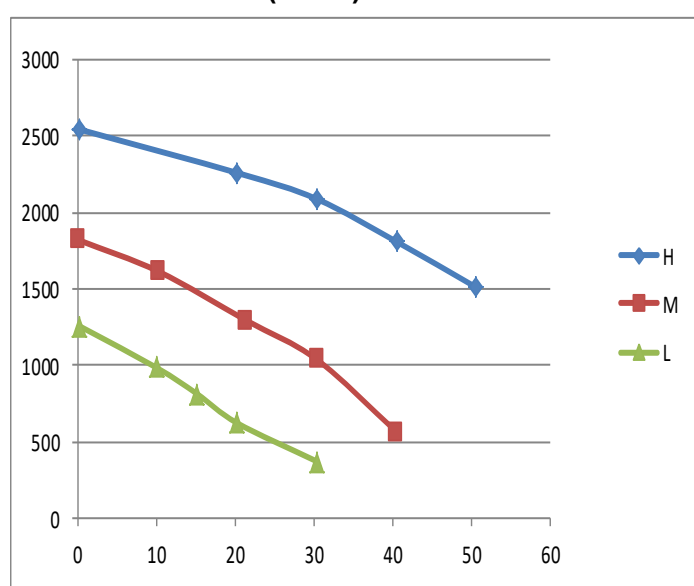
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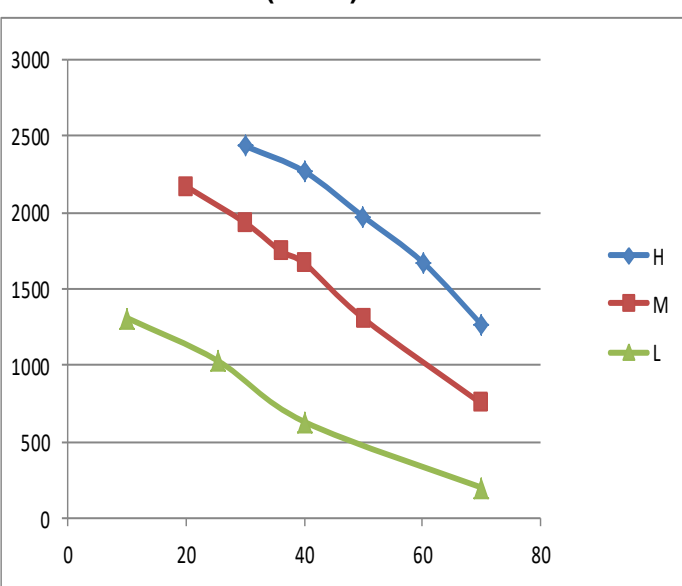
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NFD-V1200-4-2P (30Pa)



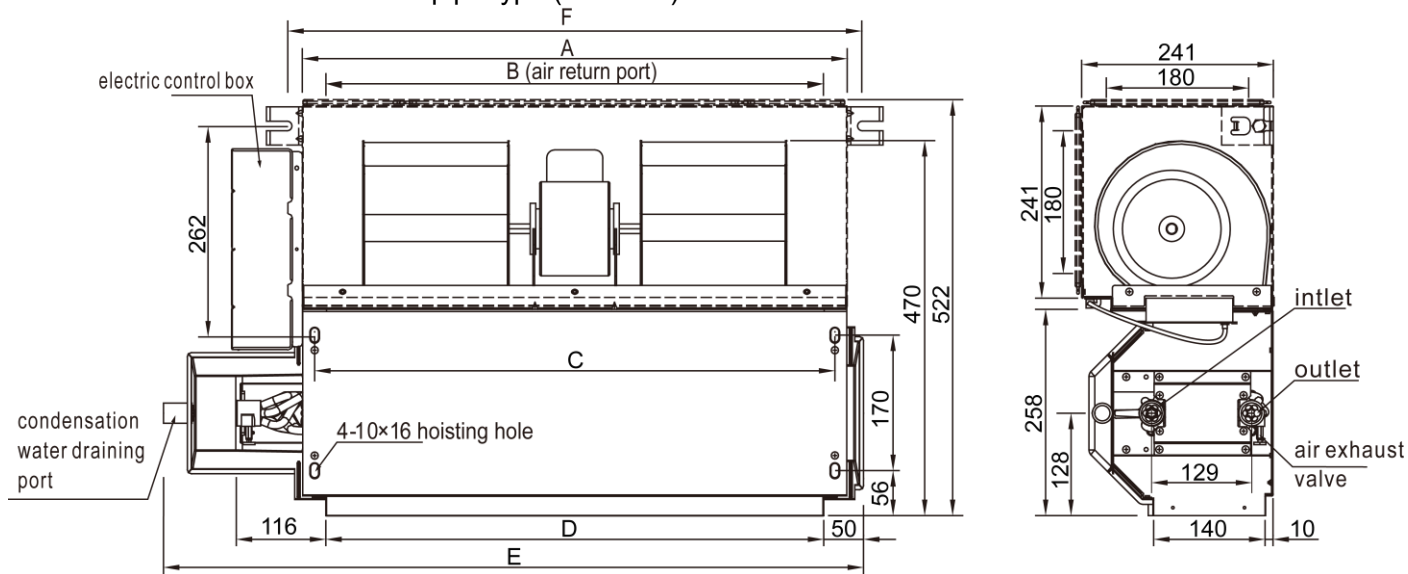
NFD-V1200-4-2P (50Pa)



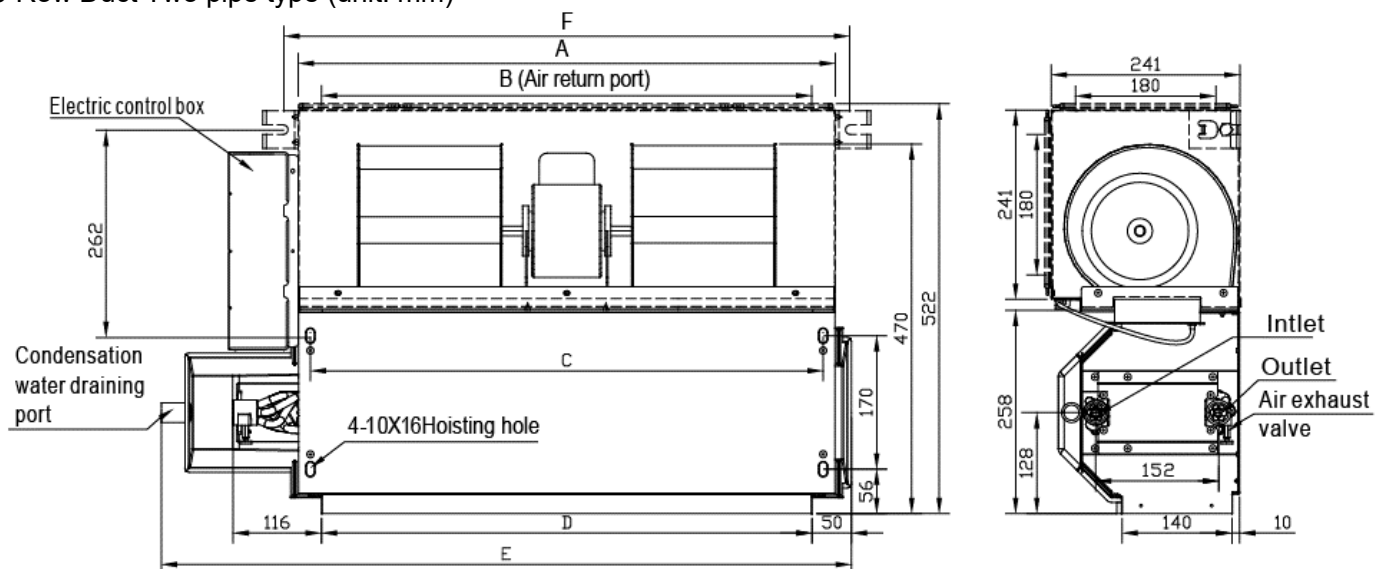
DC Fan Coil Unit

8. Dimensions

2-Row Duct and 4-Row Duct Two pipe type (unit: mm)



3-Row Duct Two pipe type (unit: mm)



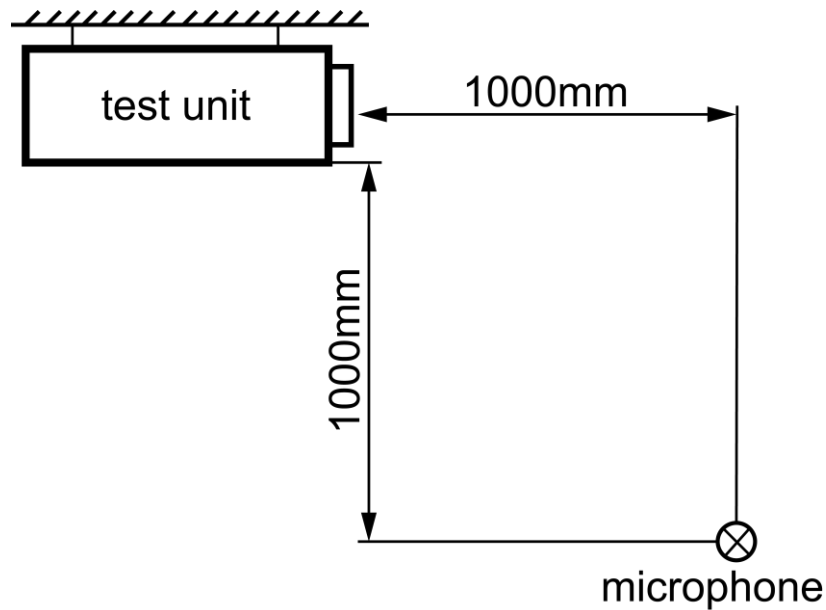
Unit: mm

Model Size	200-Model	300-Model	400-Model 500-Model	600-Model	800-Model	1000-Model	1200-Model
A	545	645	745	965	1265	1370	1660
B	485	585	685	905	1205	1310	1600
C	513	613	713	933	1233	1338	1628
D	485	585	685	905	1205	1310	1600
E	741	841	941	1161	1461	1566	1856
F	583	683	783	1003	1303	1408	1698

Notes:

- The above figure is only an instance model, which would be different from the one that you purchase.
- The broken lines in above figures for illustrate the dimension of air return box. (Lower side air return box and rear air return box.)
- Units with air return plenum is standard, and units without air return plenum can be customized.

9.Sound Levels



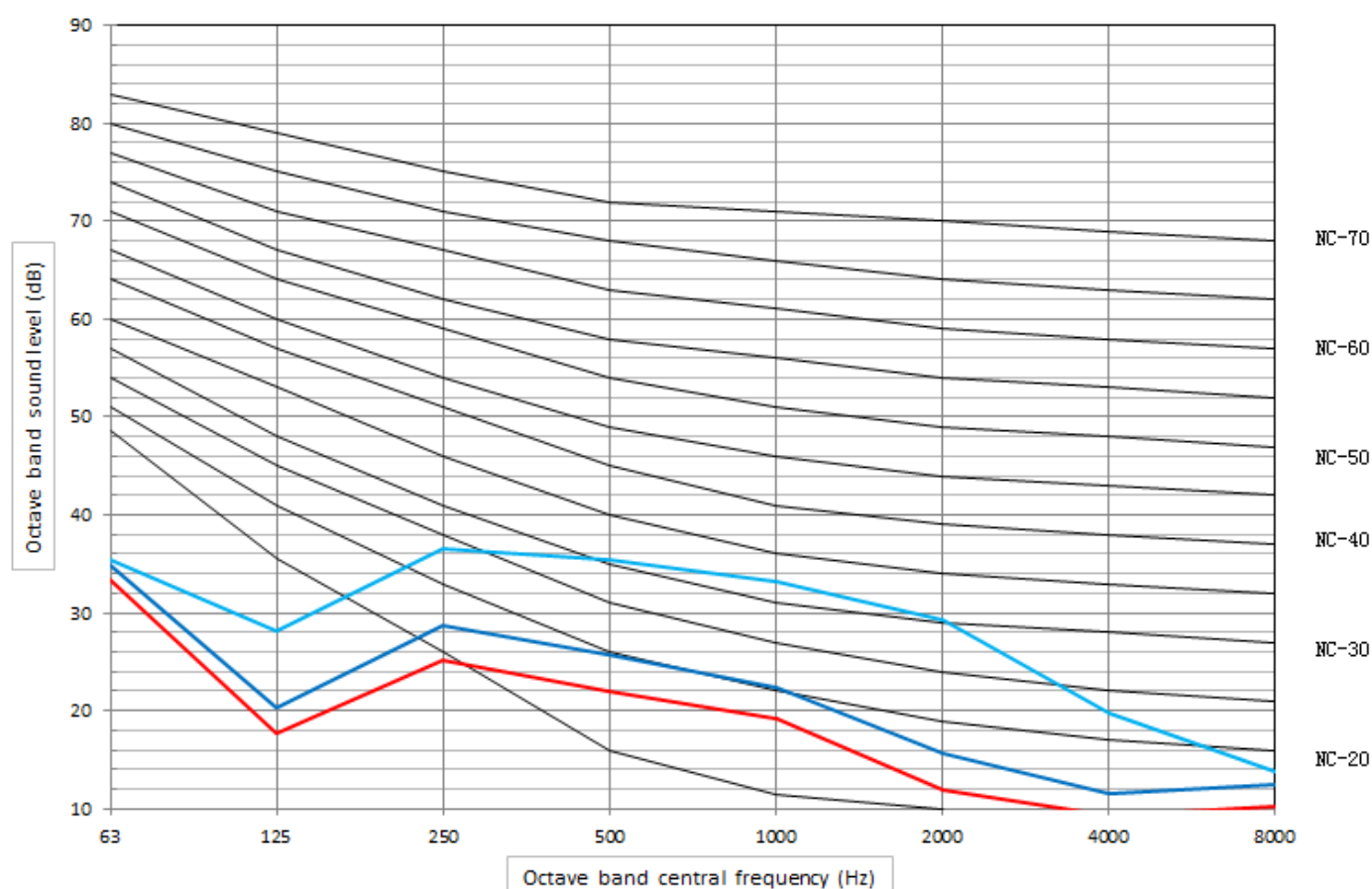
NFD-xxx-2-2P		V200	V300	V400	V500
0Pa (H/M/L)	dB(A)	37.5/27.4/24.0	40.3/33.1/26.7	41.1/34.7/26.8	44.6/36.8/29.4
12Pa (H/M/L)	dB(A)	36.2/25/22.4	37.9/31.3/25.5	39.7/33.3/26.6	43.2/37.2/29.0
30Pa (H/M/L)	dB(A)	41.1/31.5/25.5	43.6/33.2/30.1	45.8/38.6/30.5	47.4/38.1/31.7
50Pa (H/M/L)	dB(A)	43.1/33.2/26	48.4/39/33.2	48.8/41.5/34.3	48.7/42.8/34.8
NFD-xxx-2-2P		V600	V800	V1000	V1200
0Pa (H/M/L)	dB(A)	46.1/38.9/29.9	47.7/39.4/31.1	50.2/43.0/33.0	50.9/44.0/33.8
12Pa (H/M/L)	dB(A)	45.0/37.8/28.9	48.5/38.8/30.9	49.3/41.7/31.8	49.4/42.7/32.6
30Pa (H/M/L)	dB(A)	47.7/39.7/30.3	48.4/40.8/31.4	49.3/41.7/33.0	51.4/44.0/35.6
50Pa (H/M/L)	dB(A)	49.3/41.7/31.4	51.3/43.8/35.4	51.3/44.0/35.4	54.3/47/39.4

NFD-xxx-3-2P		V200	V300	V400	V500
0Pa (H/M/L)	dB(A)	38.1/28.4/23.4	36.4/29.5/20.7	38.4/32.2/24.0	44.3/36.3/27.9
12Pa (H/M/L)	dB(A)	36.8/26.0/21.8	34.0/27.7/19.6	37.0/30.8/23.8	42.9/35.9/27.5
30Pa (H/M/L)	dB(A)	41.7/32.5/24.9	39.7/29.6/24.1	43.1/36.1/27.7	47.1/37.6/30.2
50Pa (H/M/L)	dB(A)	43.7/34.2/25.4	44.5/36.4/27.2	46.1/39.0/31.5	48.4/42.3/33.3
NFD-xxx-3-2P		V600	V800	V1000	V1200
0Pa (H/M/L)	dB(A)	46.1/39.0/30.3	44.9/36.1/27.7	47.8/40.7/30.7	48.9/41.8/31.7
12Pa (H/M/L)	dB(A)	45.0/37.9/29.3	44.1/35.5/27.5	46.9/39.4/29.5	47.4/40.5/30.5
30Pa (H/M/L)	dB(A)	47.7/39.8/30.7	45.6/37.5/28.0	46.9/39.4/30.7	49.4/41.8/33.5
50Pa (H/M/L)	dB(A)	49.3/41.8/32.8	48.5/40.5/32.0	48.9/41.7/33.1	52.3/44.8/37.3

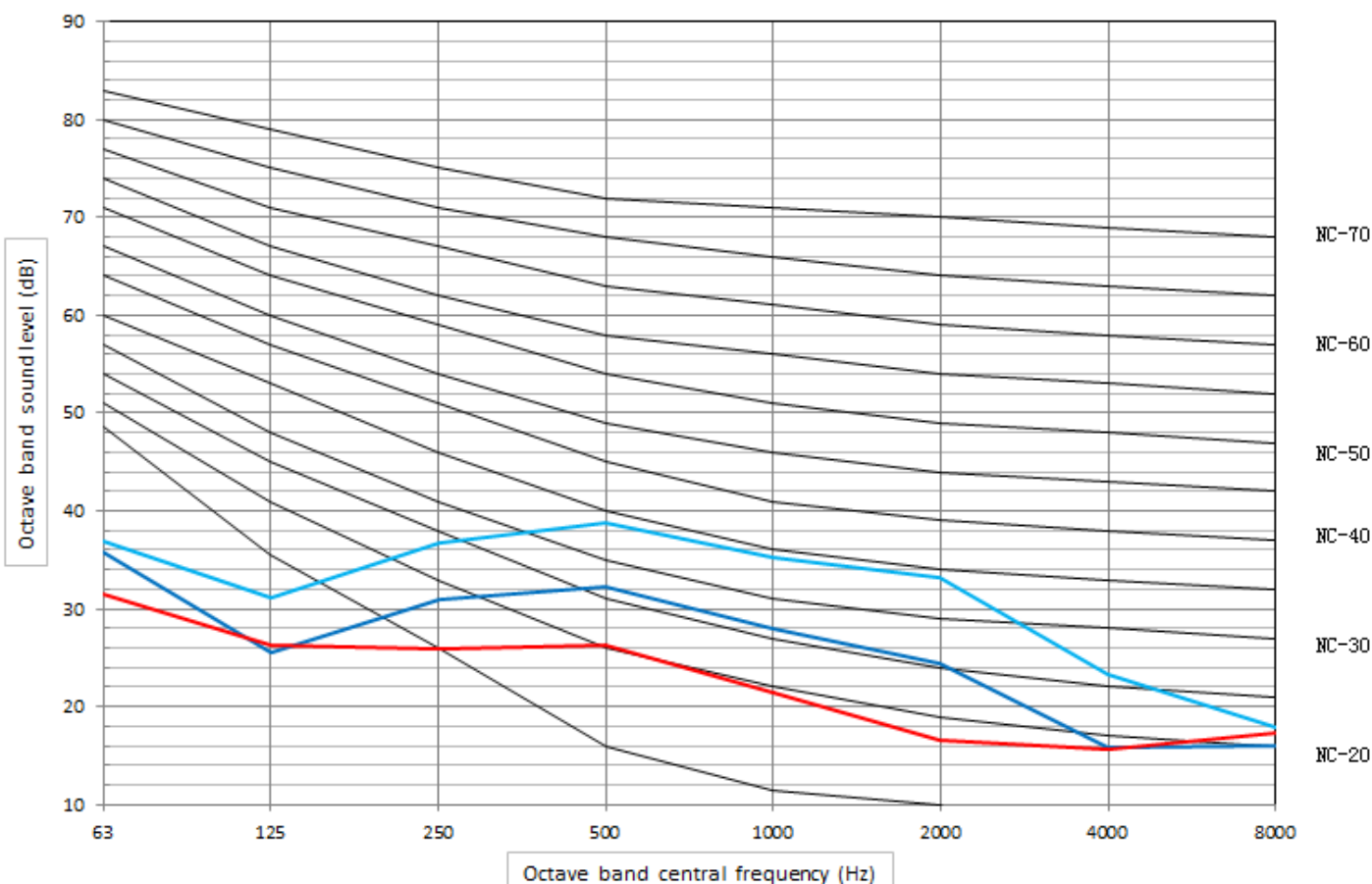
NFD-xxx-4-2P		V200	V300	V400	V500
0Pa (H/M/L)	dB(A)	37.3/27.4/22.2	39.6/32.5/25.0	41.1/34.5/26.4	44.8/37.2/29.8
12Pa (H/M/L)	dB(A)	36.0/25.0/20.8	37.2/30.7/23.9	39.7/33.1/26.2	43.4/36.8/29.4
30Pa (H/M/L)	dB(A)	40.9/31.5/23.7	42.9/32.6/28.4	45.8/38.4/30.1	47.6/38.5/32.1
50Pa (H/M/L)	dB(A)	42.9/33.6/24.2	47.7/39.6/31.5	48.8/41.3/33.9	48.9/43.2/35.2
NFD-xxx-4-2P		V600	V800	V1000	V1200
0Pa (H/M/L)	dB(A)	46.1/39.4/30.7	47.4/39.1/32.1	50.4/42.7/33.1	50.7/43.8/34.5
12Pa (H/M/L)	dB(A)	45/38.3/29.7	46.6/38.5/31.9	49.5/41.4/31.9	49.2/42.5/33.3
30Pa (H/M/L)	dB(A)	47.7/40.2/31.1	48.1/40.5/32.4	49.5/41.4/33.1	51.2/43.8/36.3
50Pa (H/M/L)	dB(A)	49.3/42.2/33.1	51.0/43.5/36.4	51.5/43.7/35.5	54.3/46.8/40.1

DC Fan Coil Unit

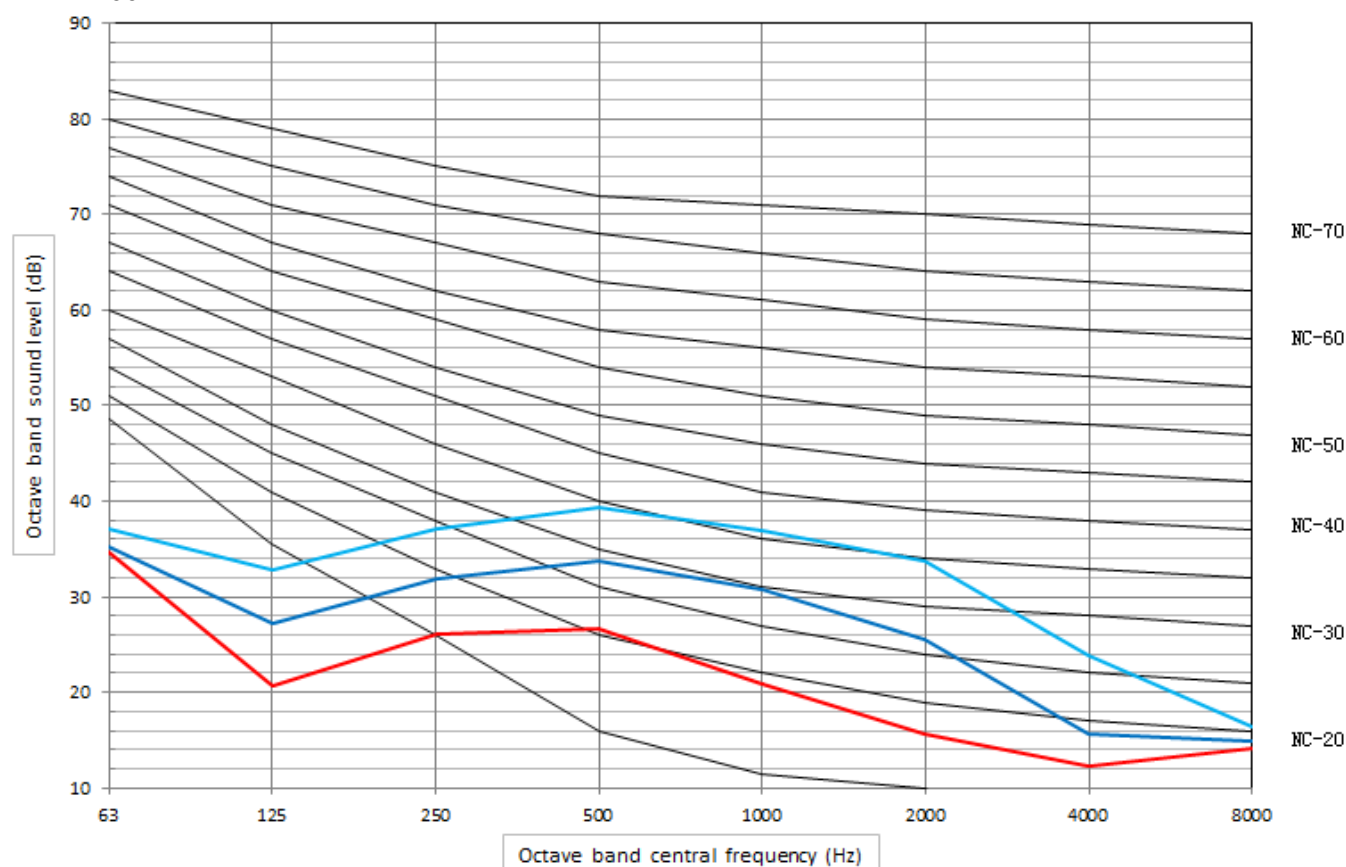
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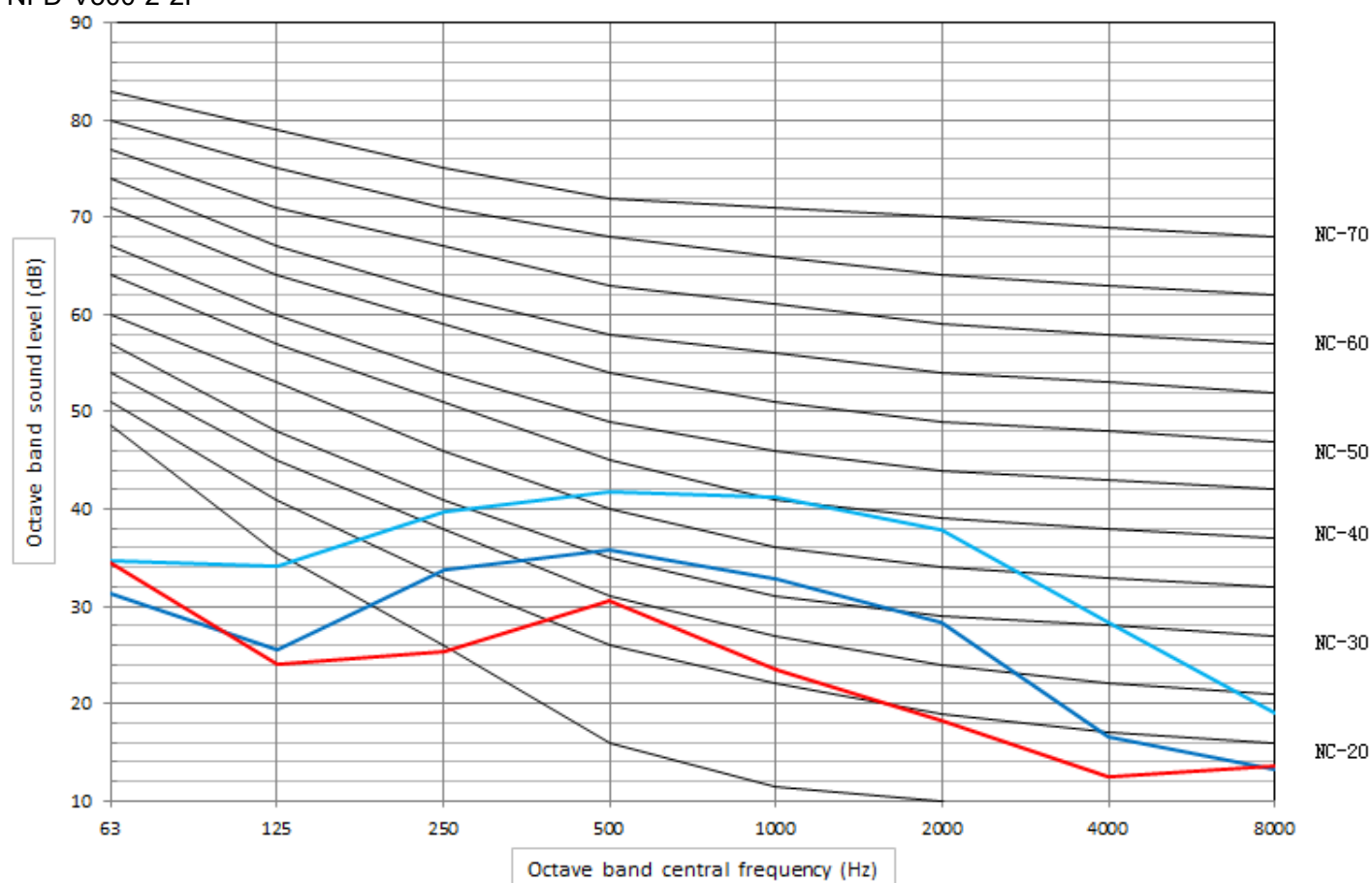
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NFD-V400-2-2P

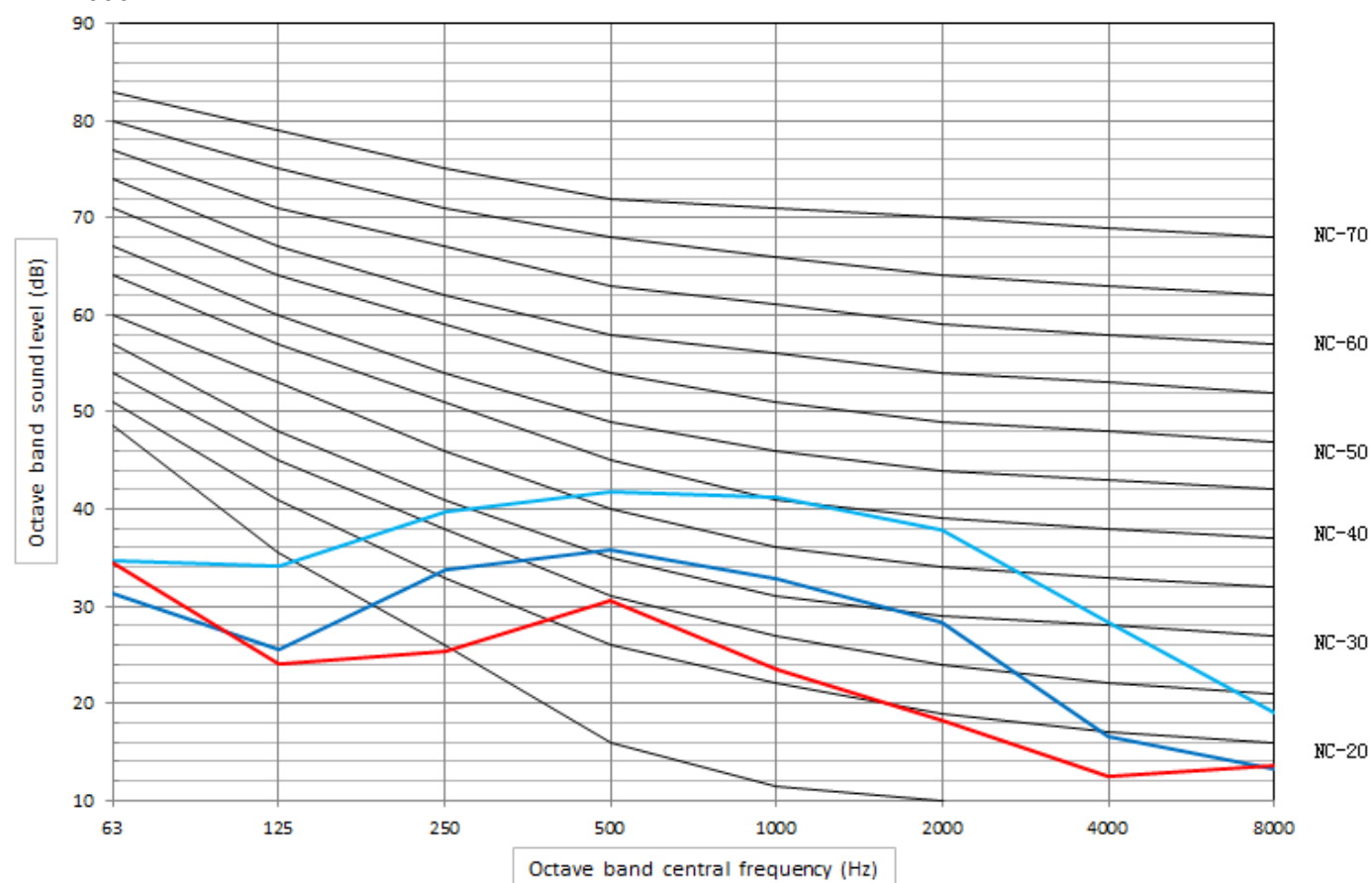


NFD-V500-2-2P

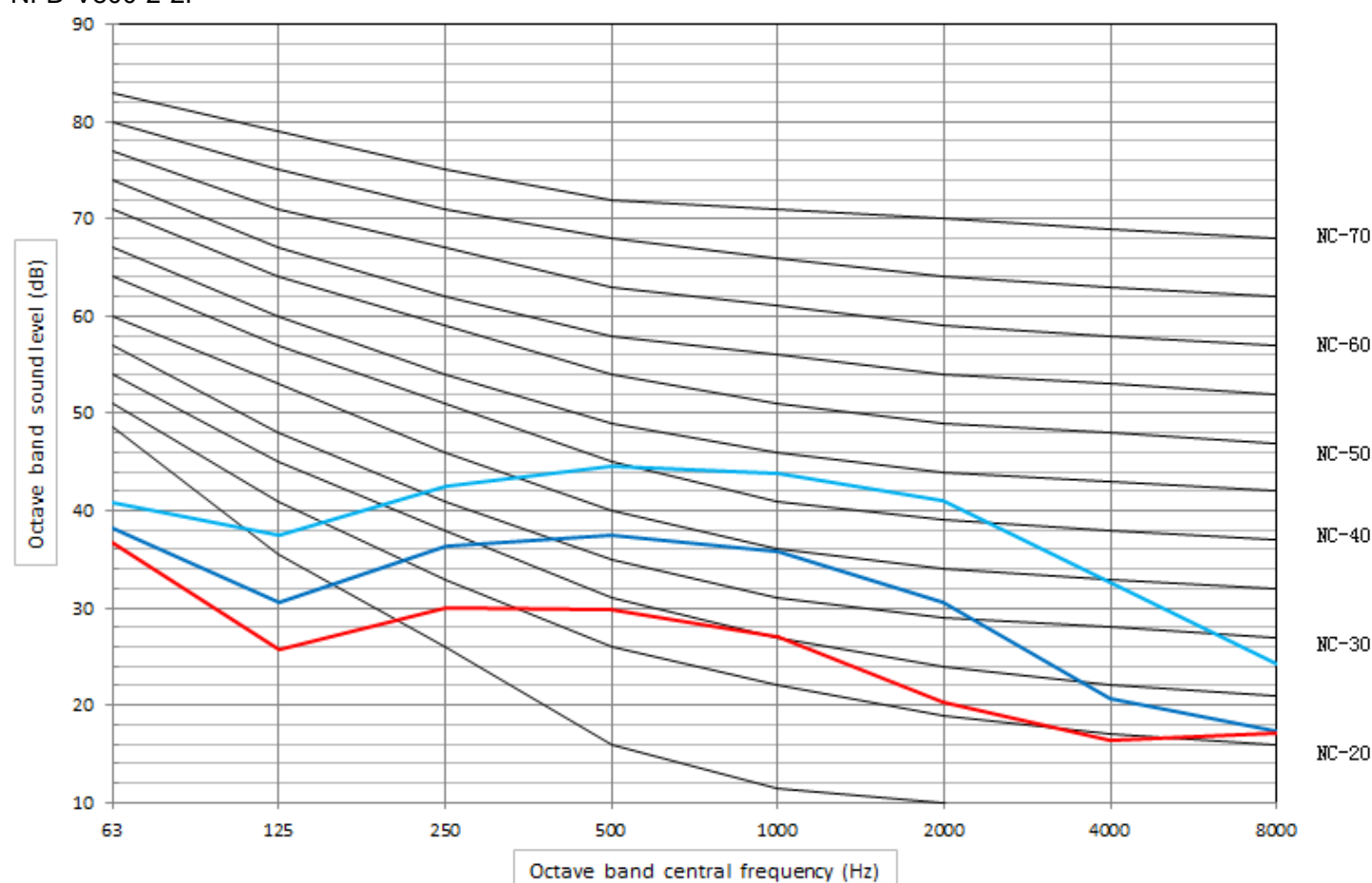


DC Fan Coil Unit

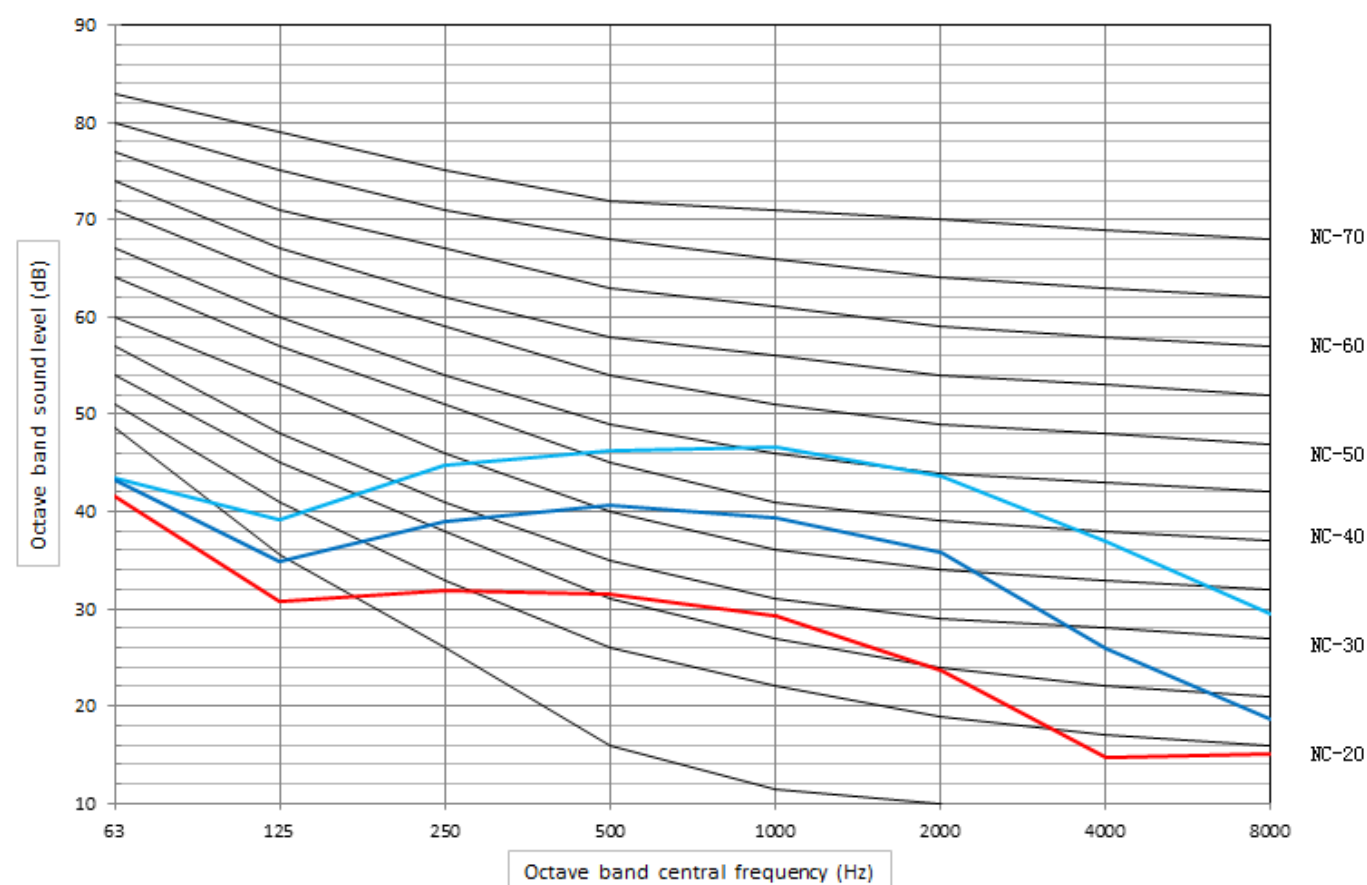
NFD-V600-2-2P



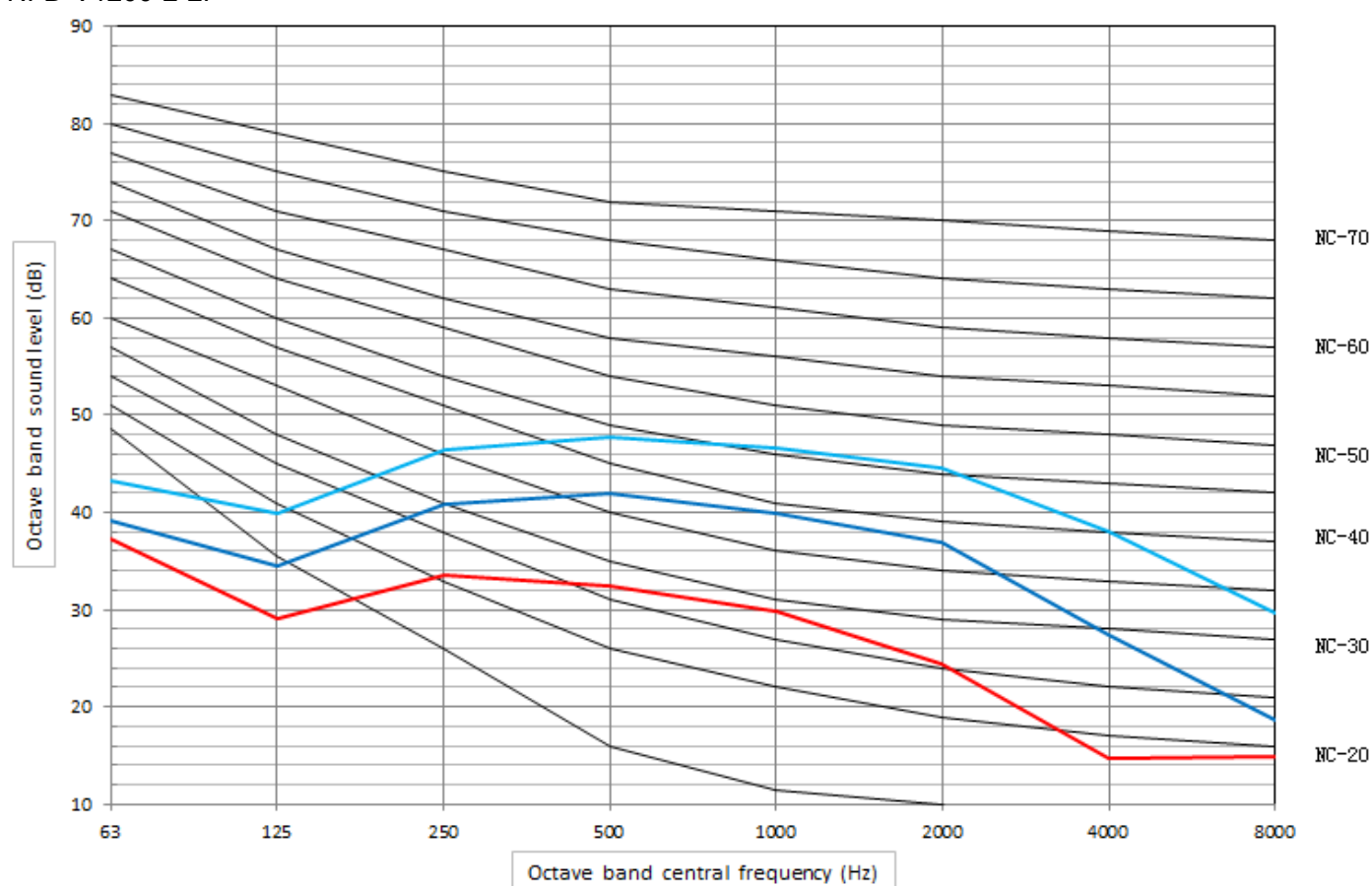
NFD-V800-2-2P



NFD-V1000-2-2P

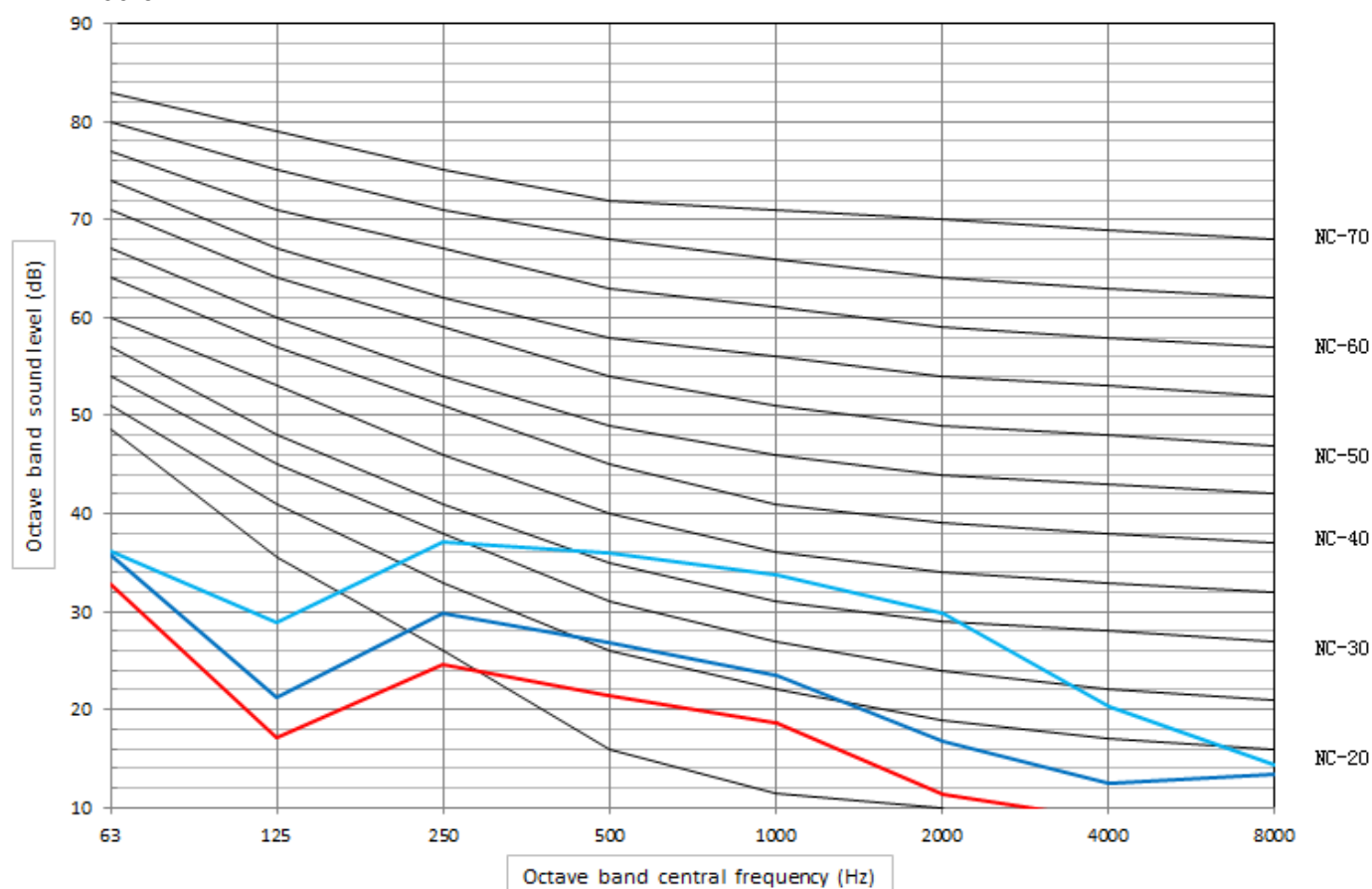


NFD-V1200-2-2P

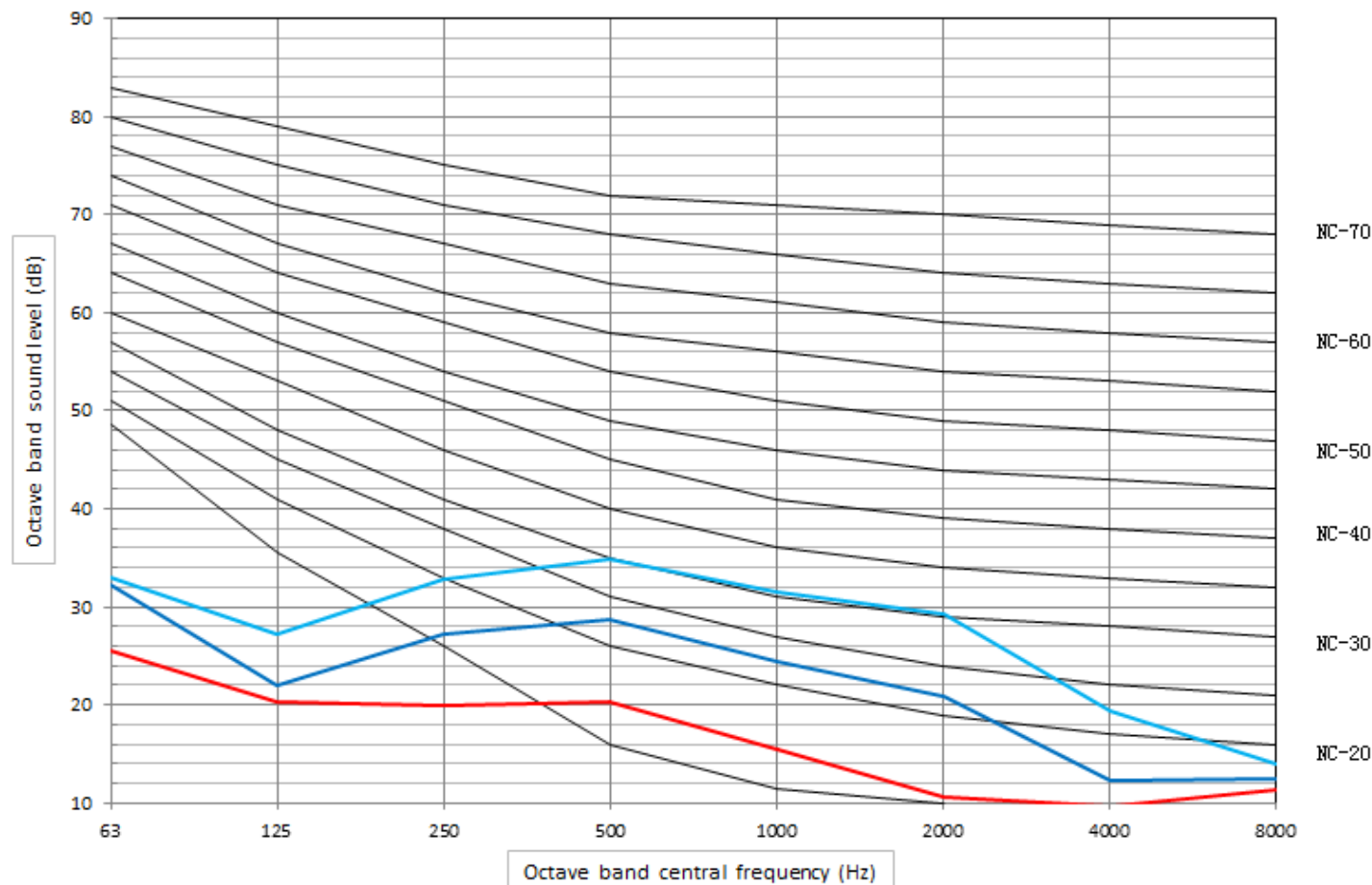


DC Fan Coil Unit

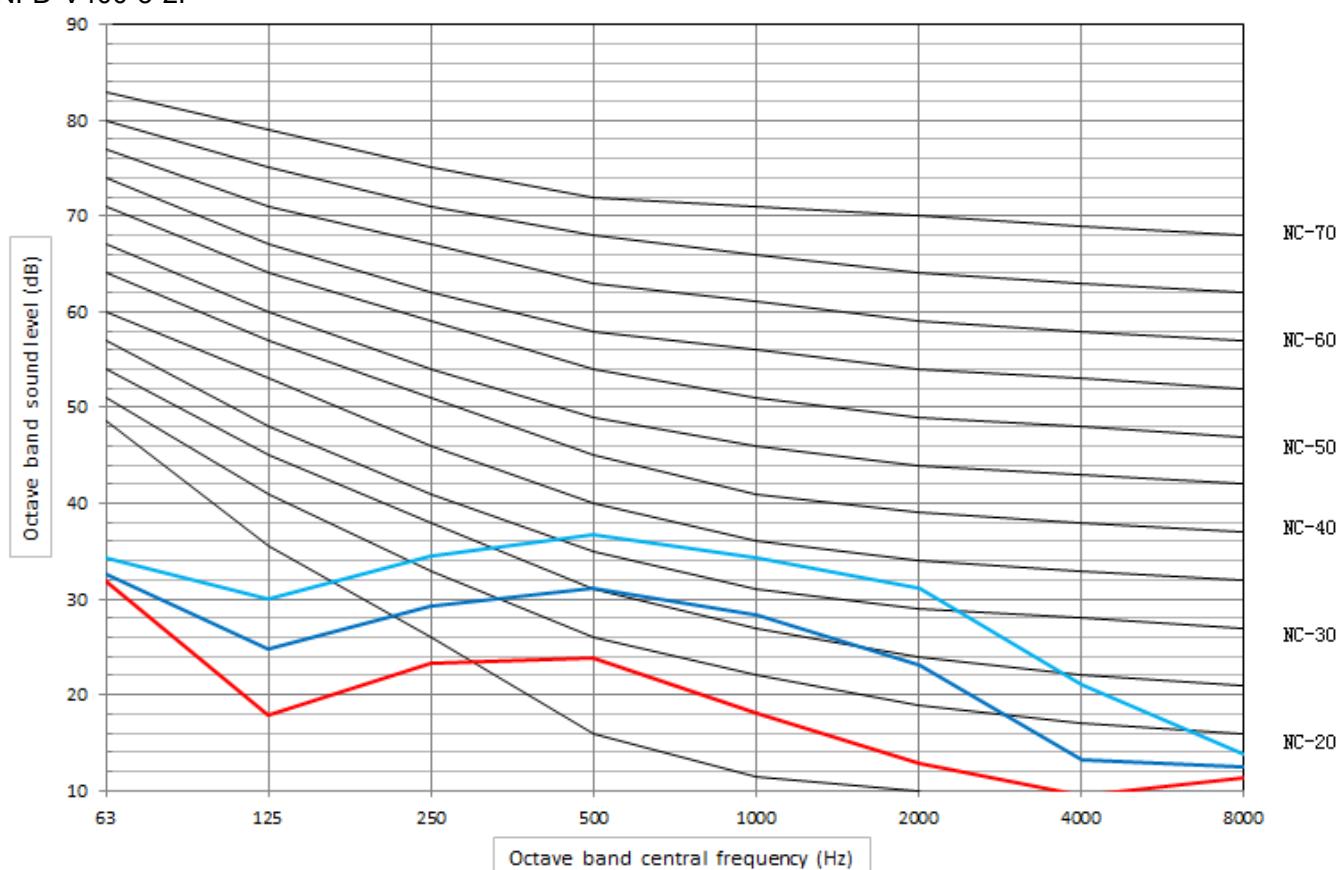
NFD-V200-3-2P



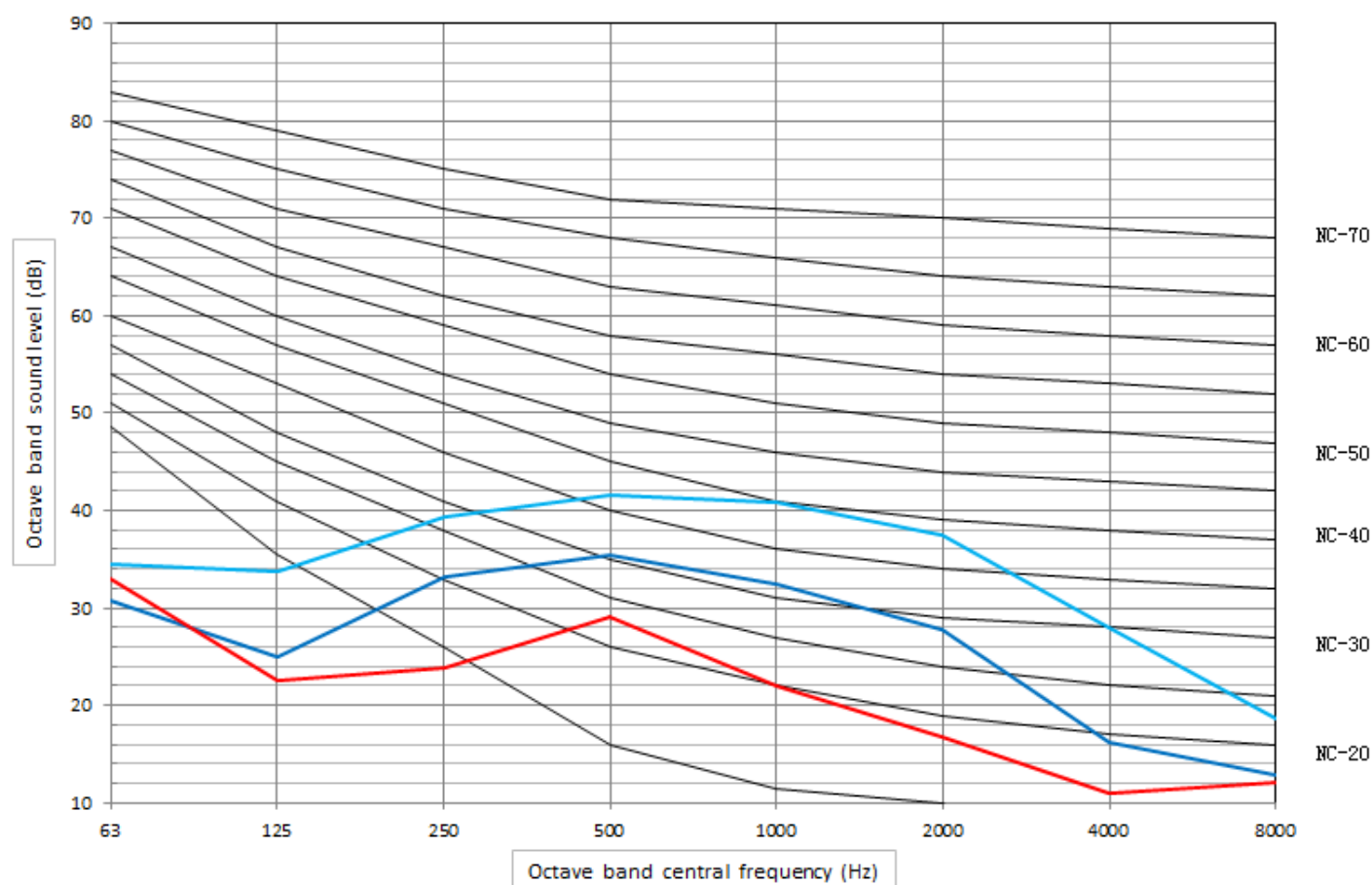
NFD-V300-3-2P



NFD-V400-3-2P

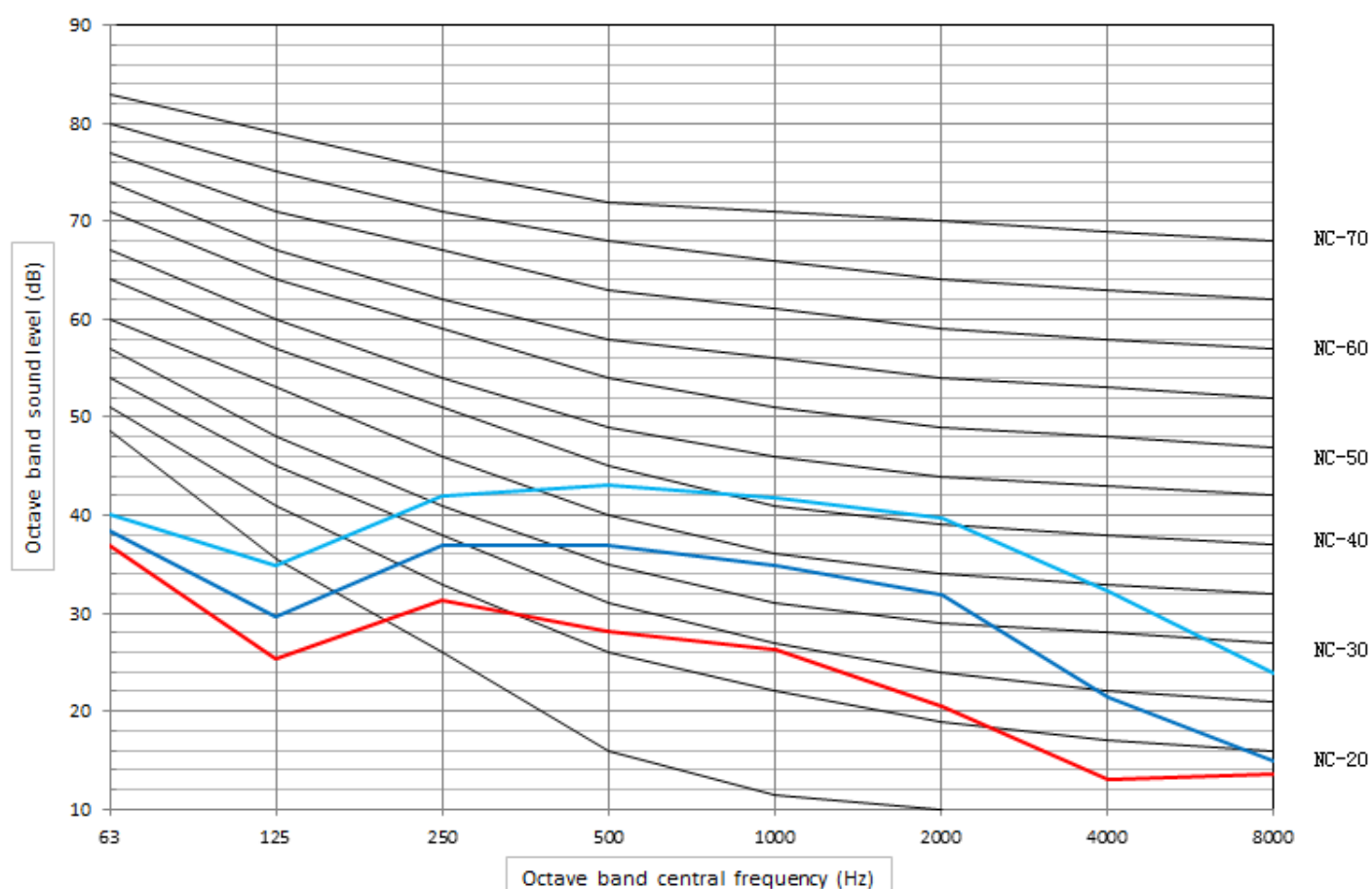


NFD-V500-3-2P

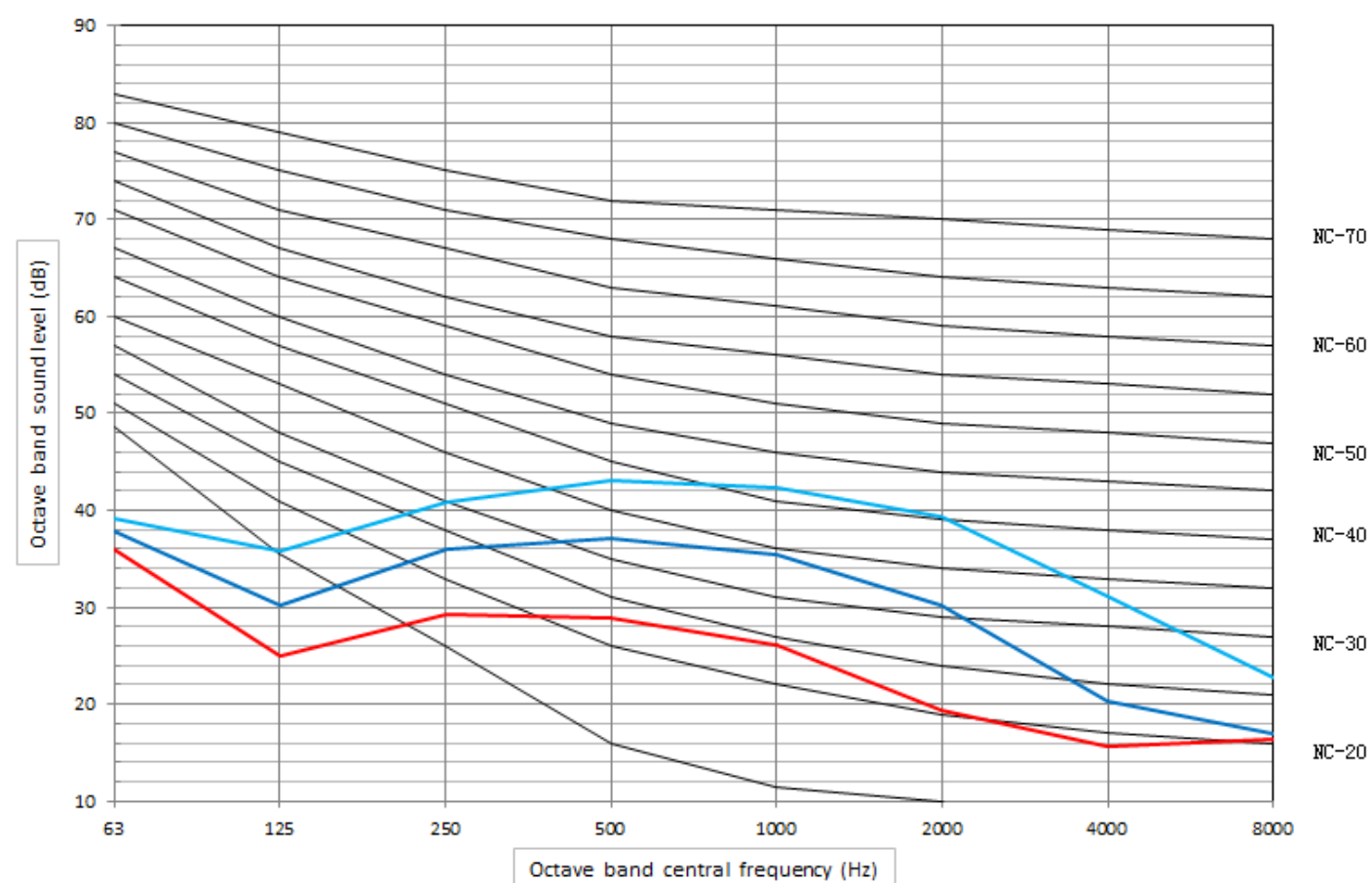


DC Fan Coil Unit

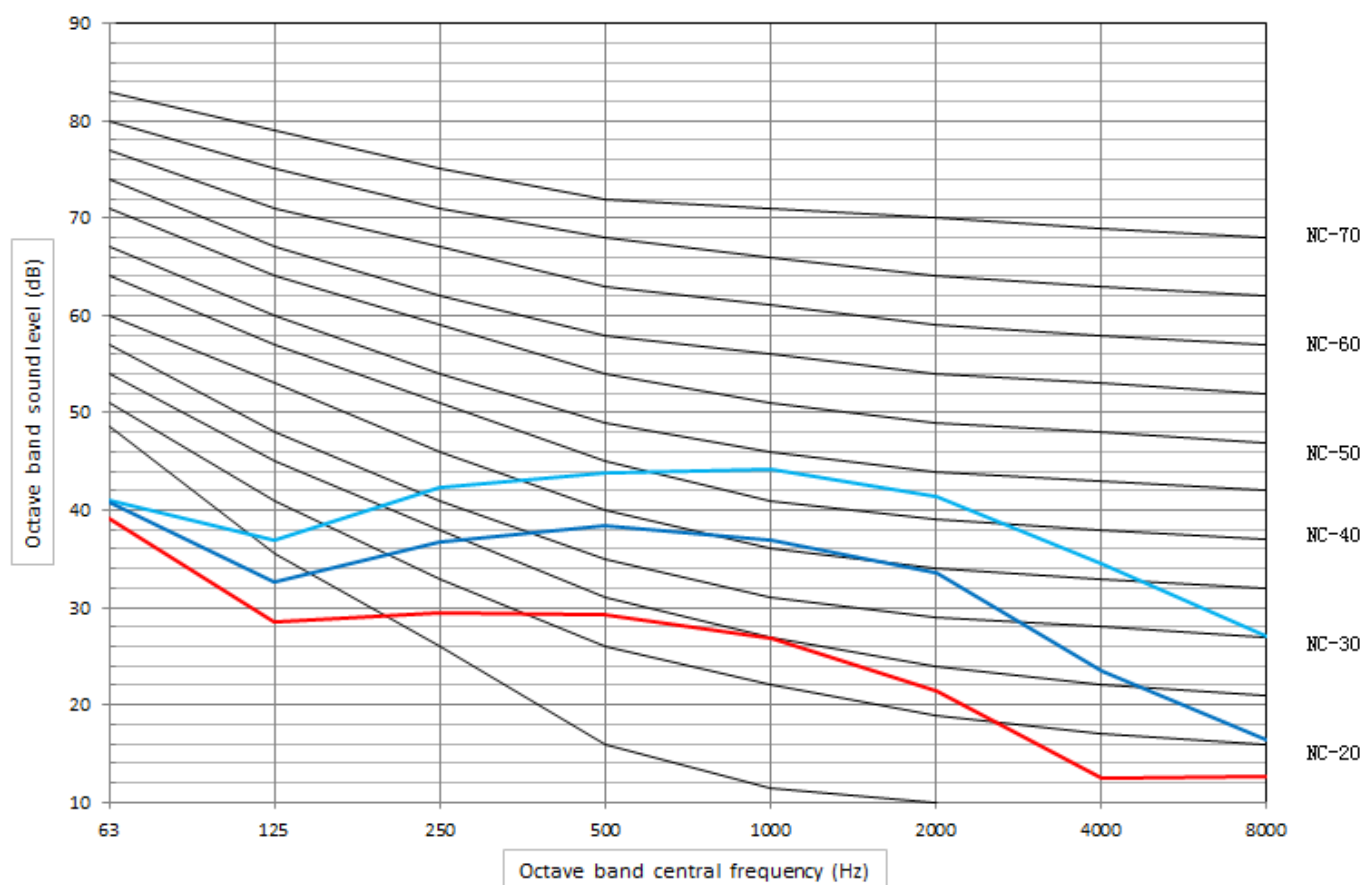
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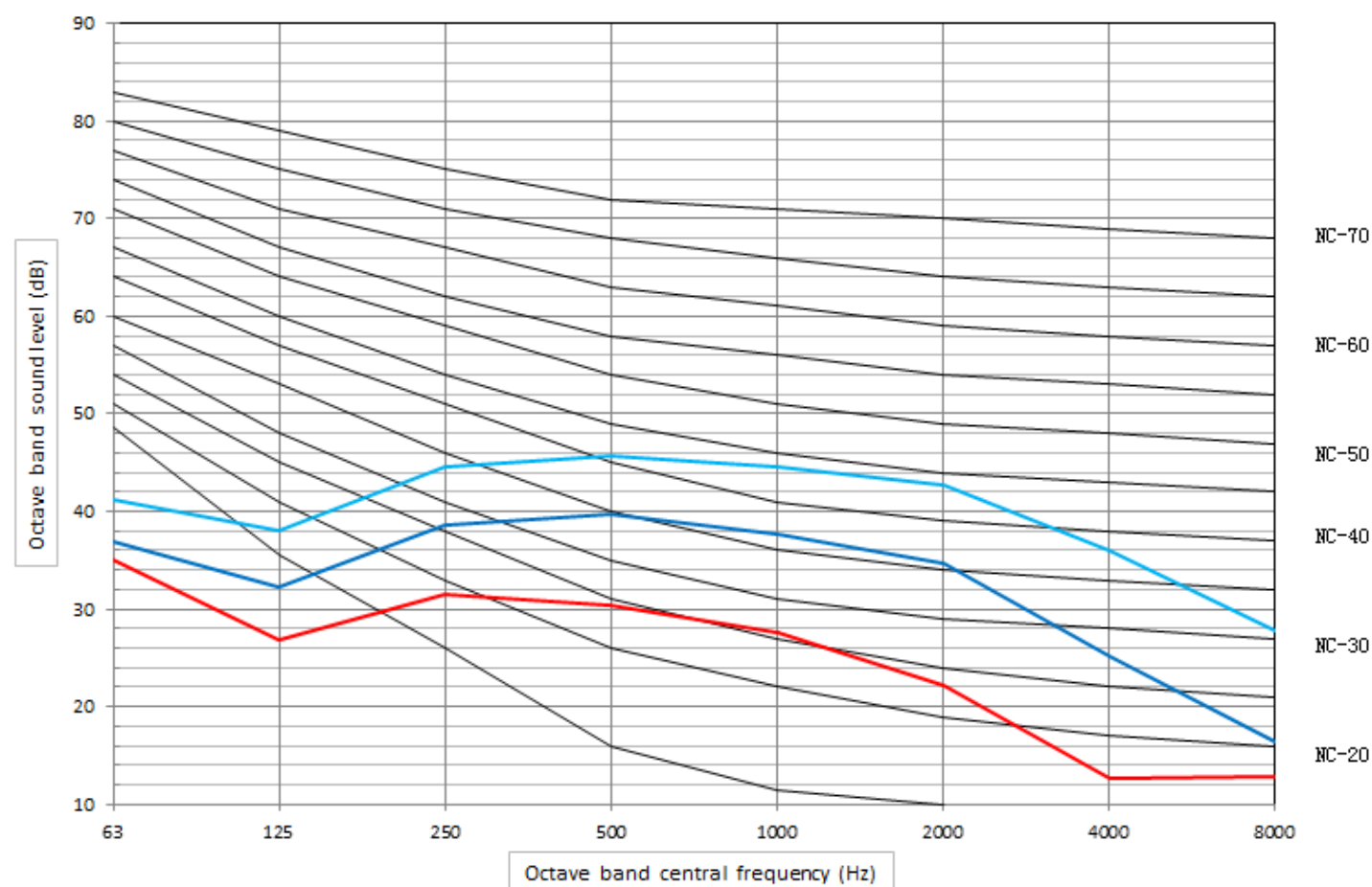
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NFD-V1000-3-2P

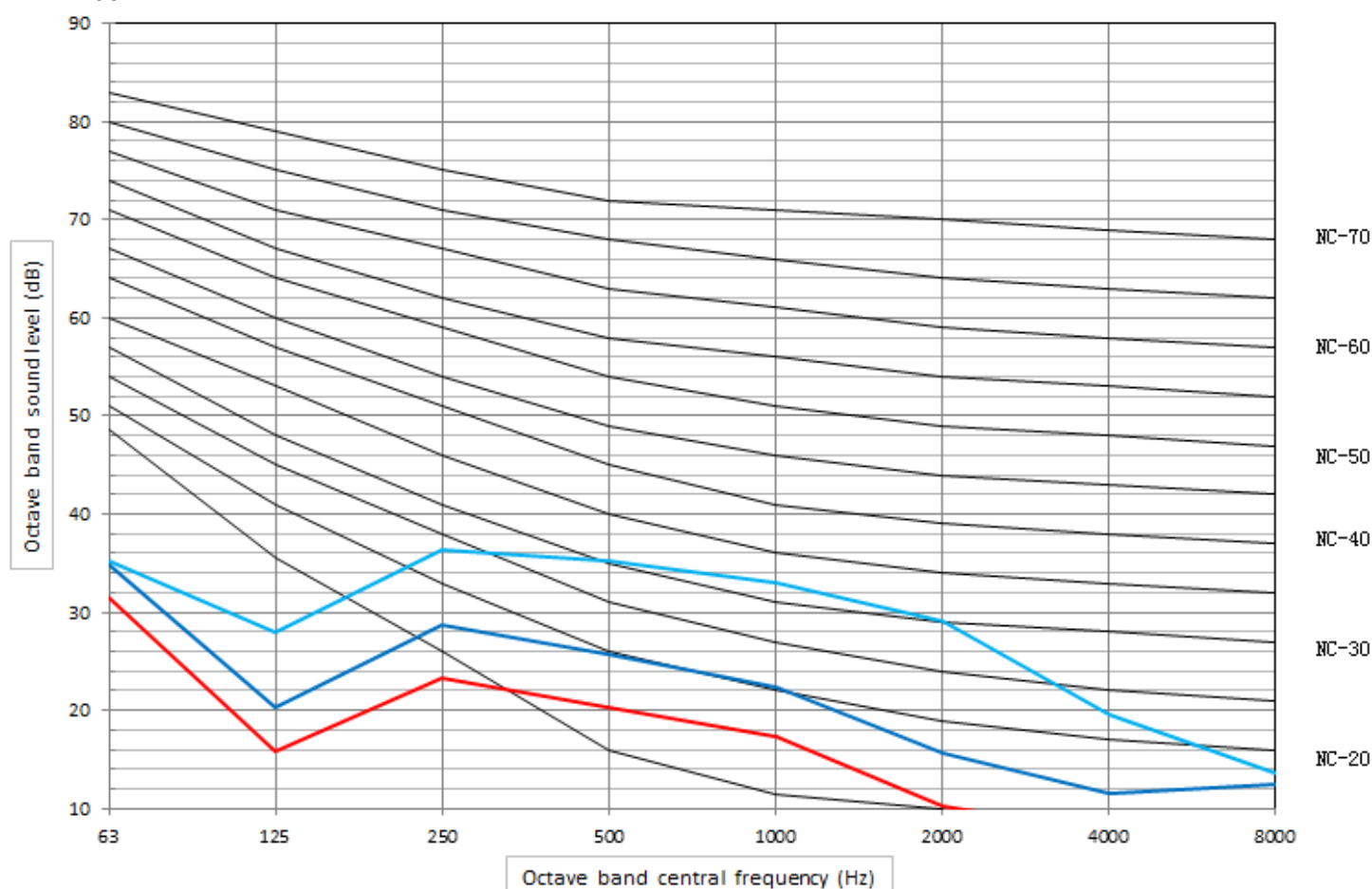


NFD-V1200-3-2P

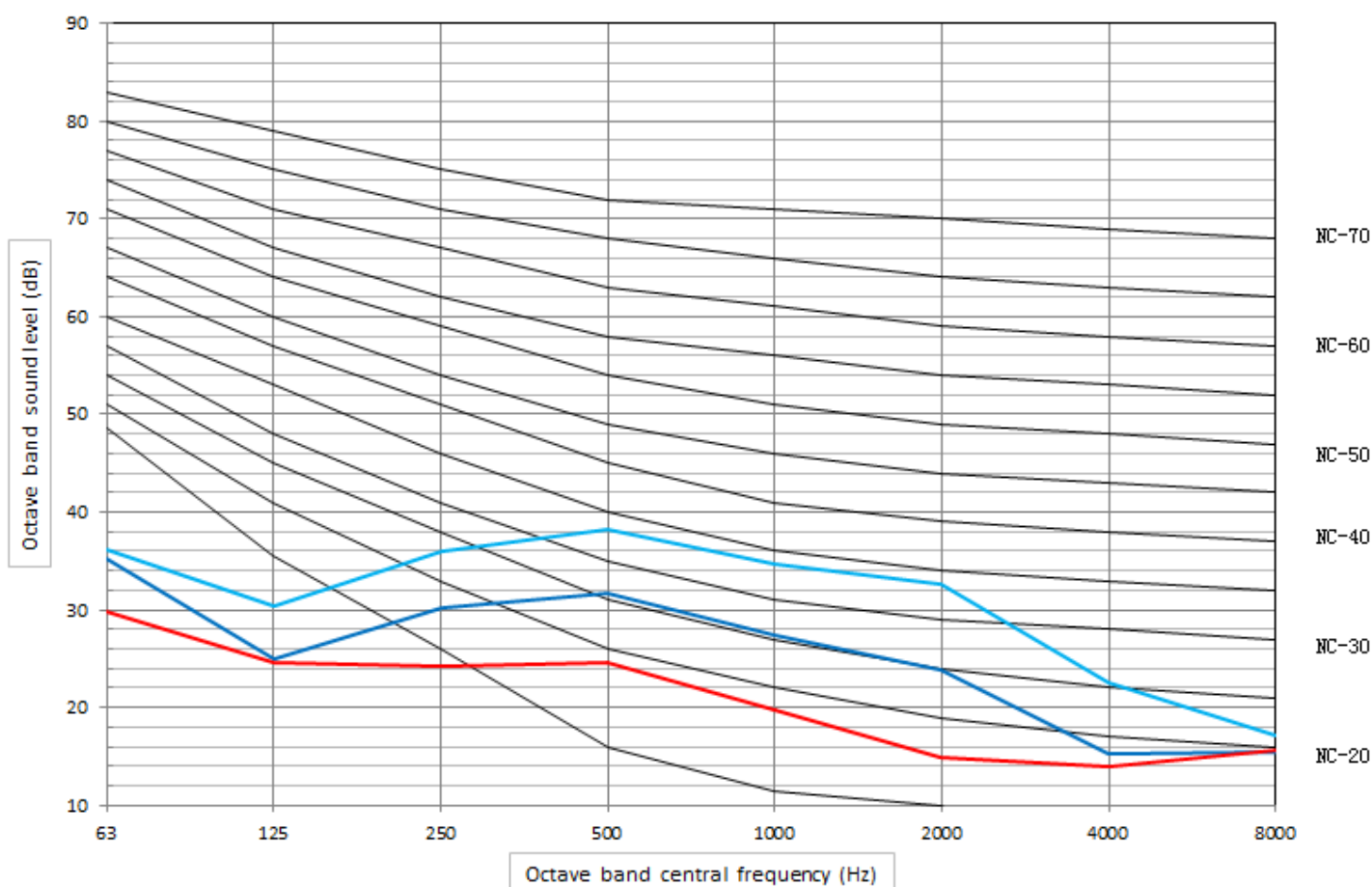


DC Fan Coil Unit

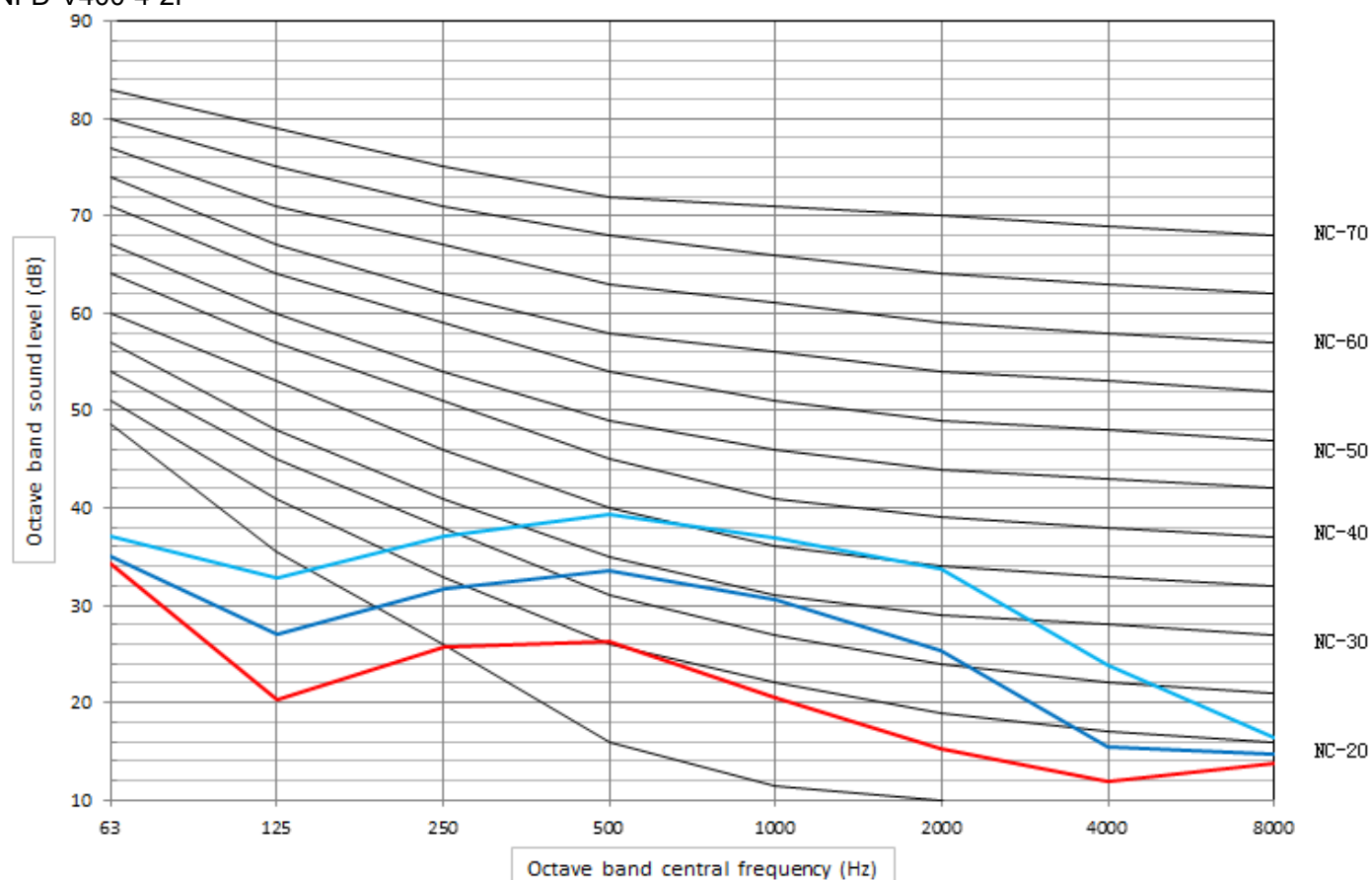
NFD-V200-4-2P



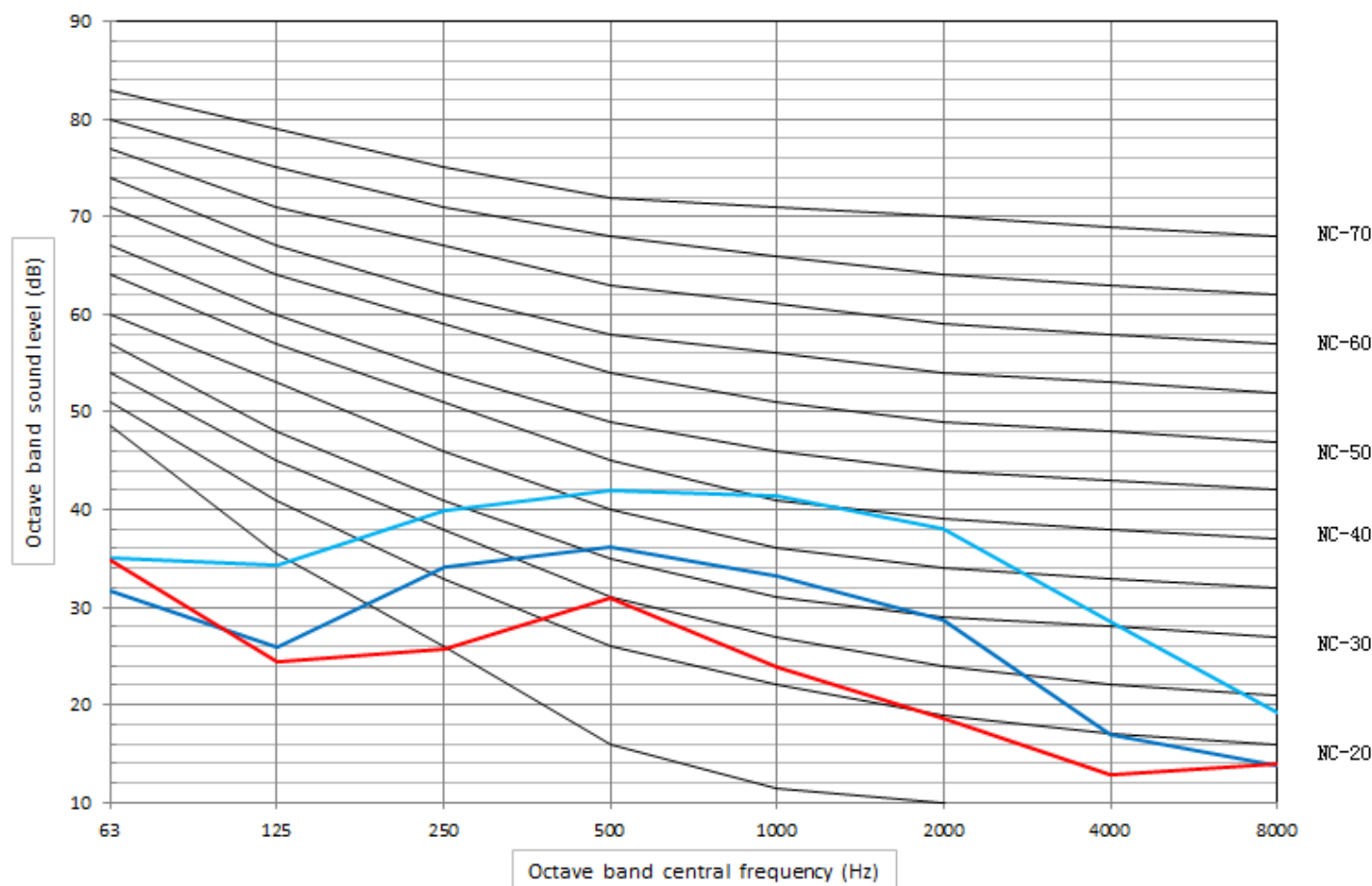
NFD-V300-4-2P



NFD-V400-4-2P

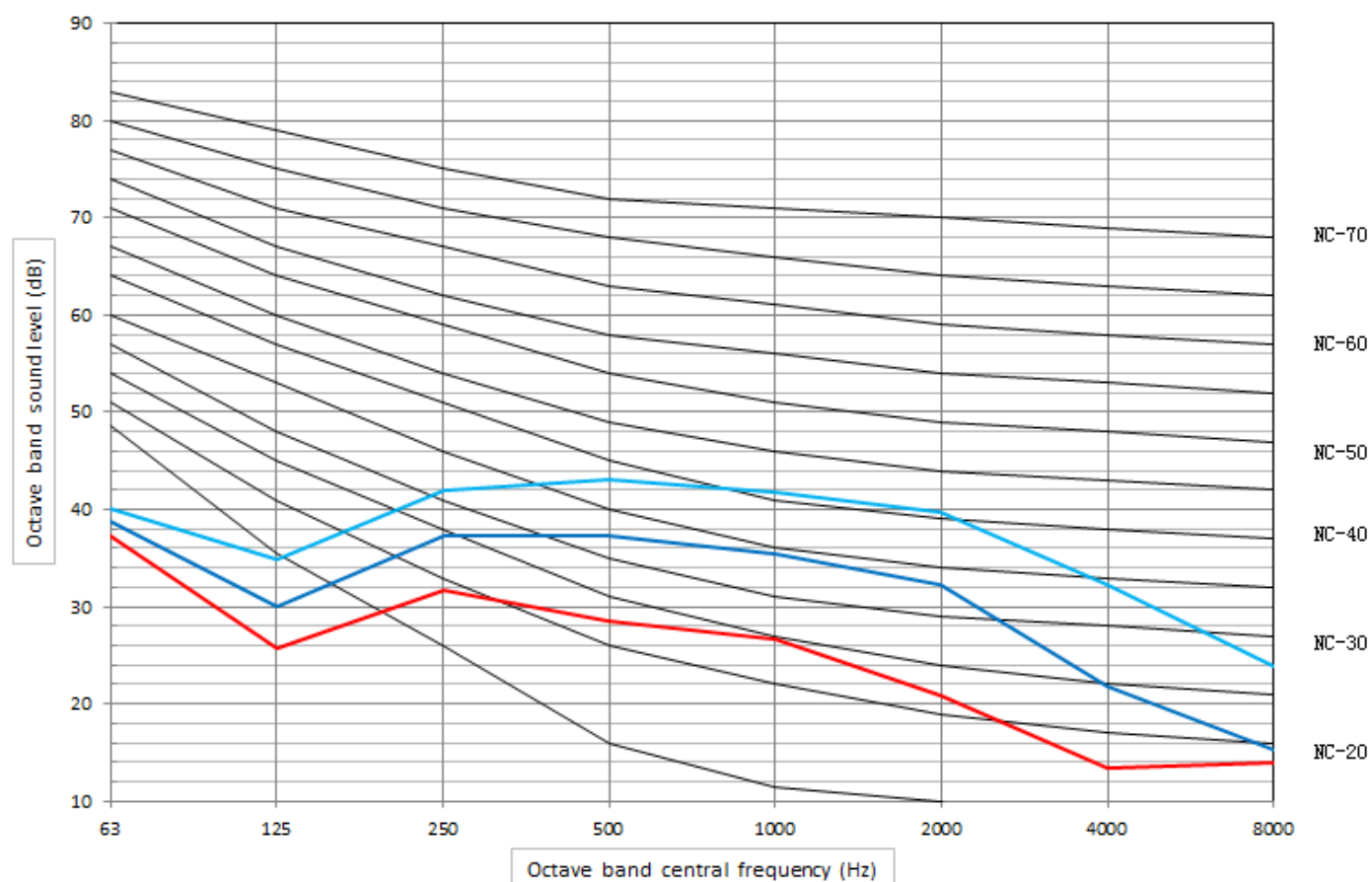


NFD-V500-4-2P

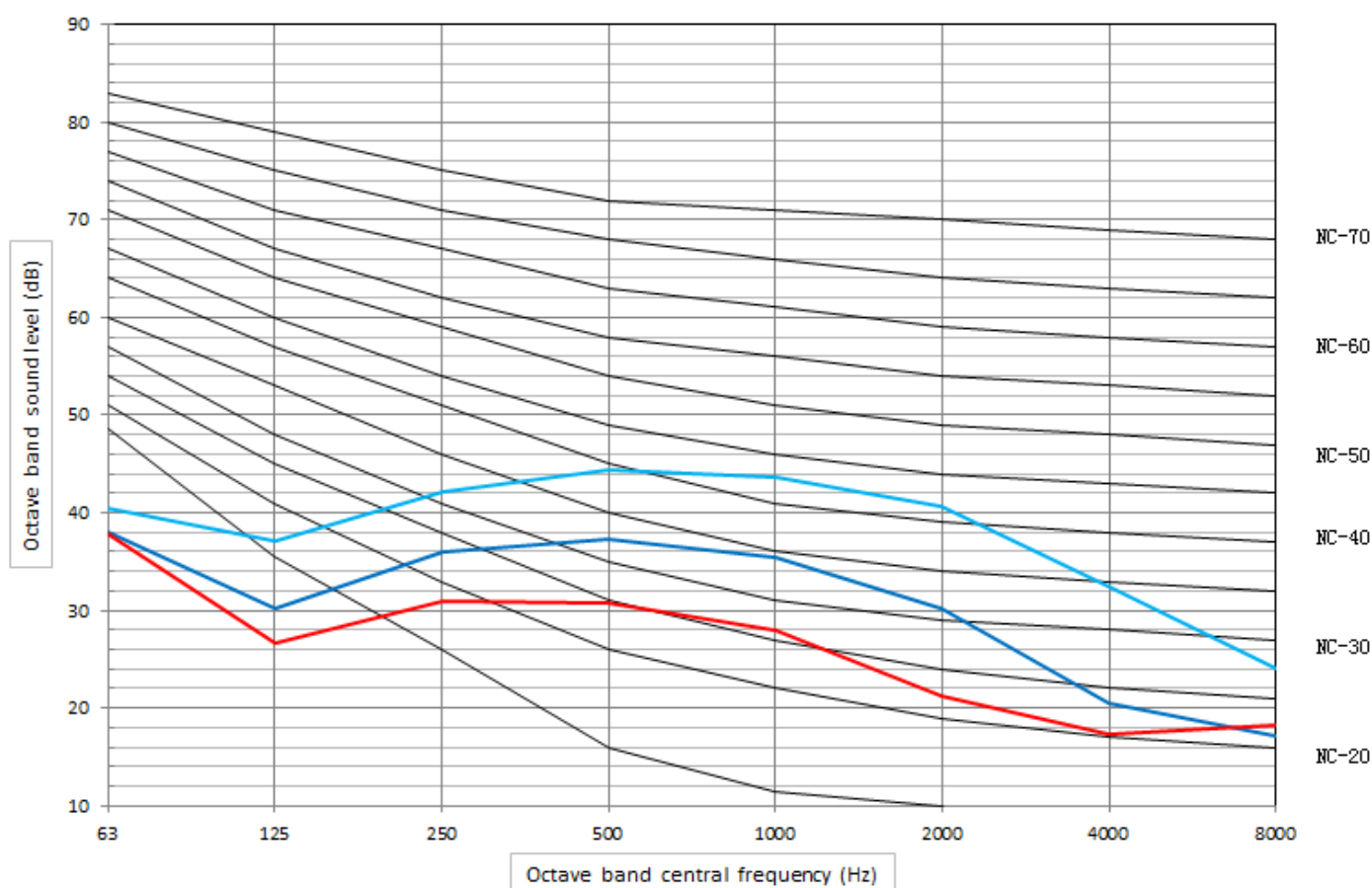


DC Fan Coil Unit

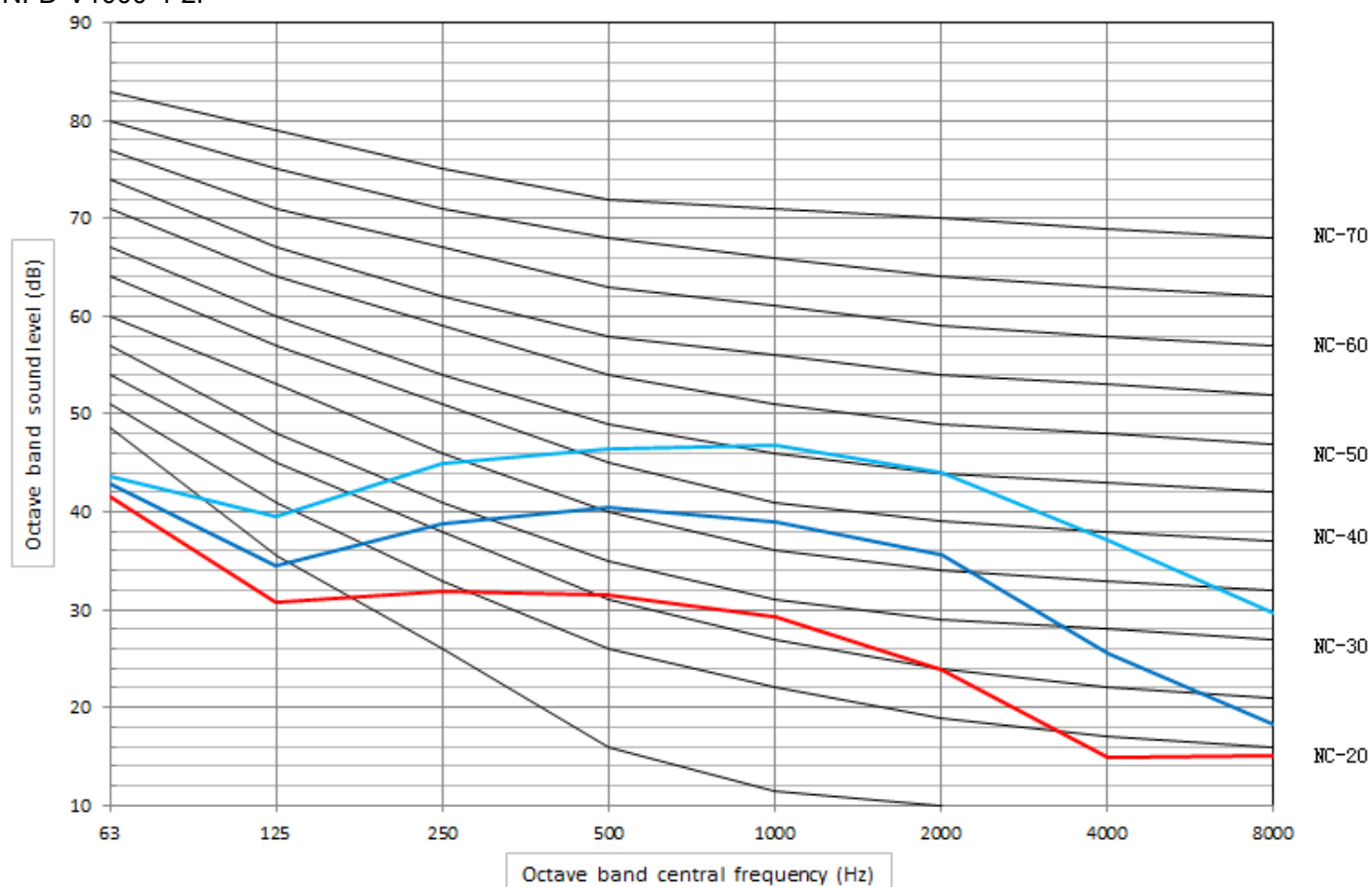
NFD-V600-4-2P



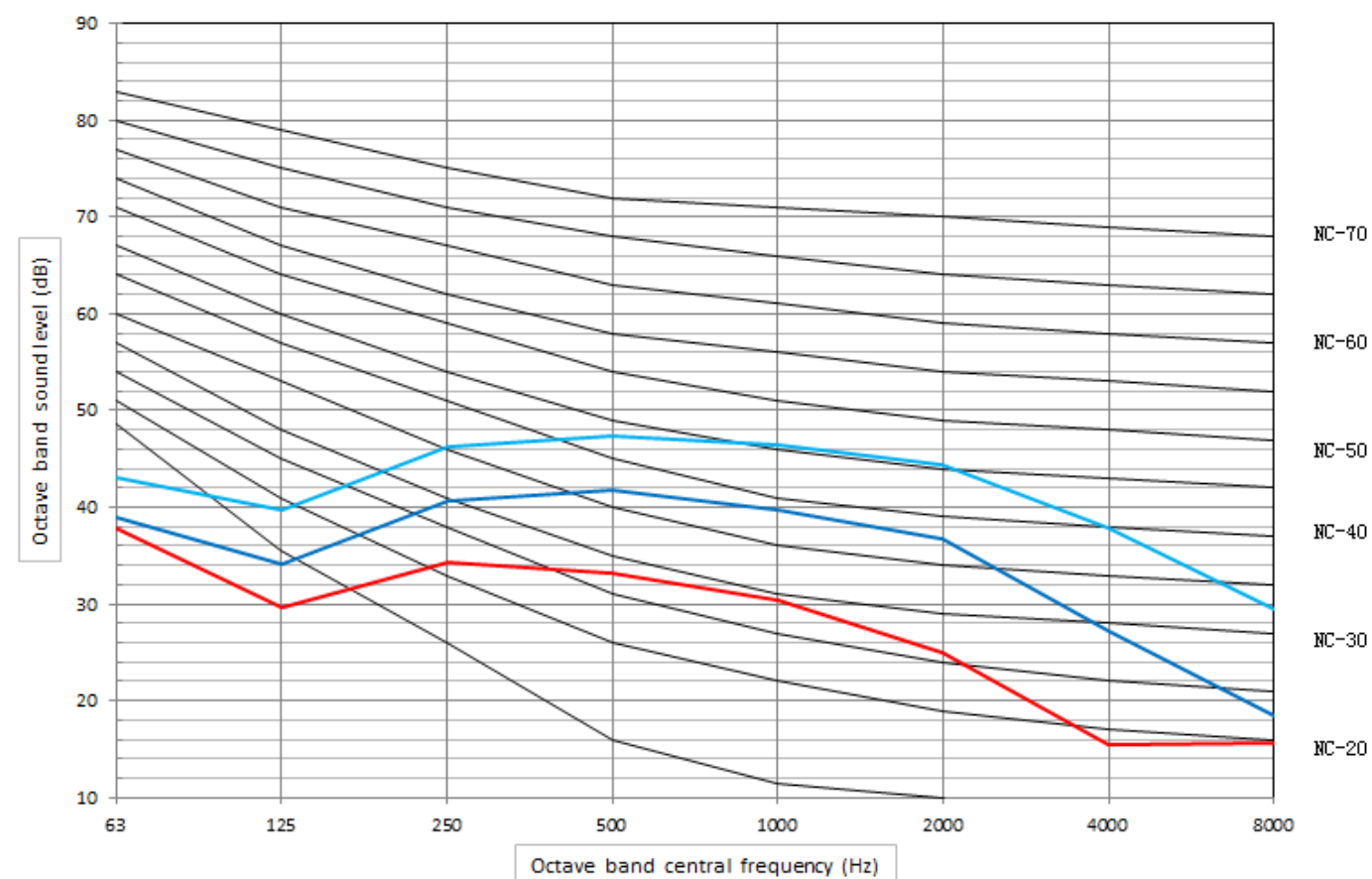
NFD-V800-4-2P



NFD-V1000-4-2P

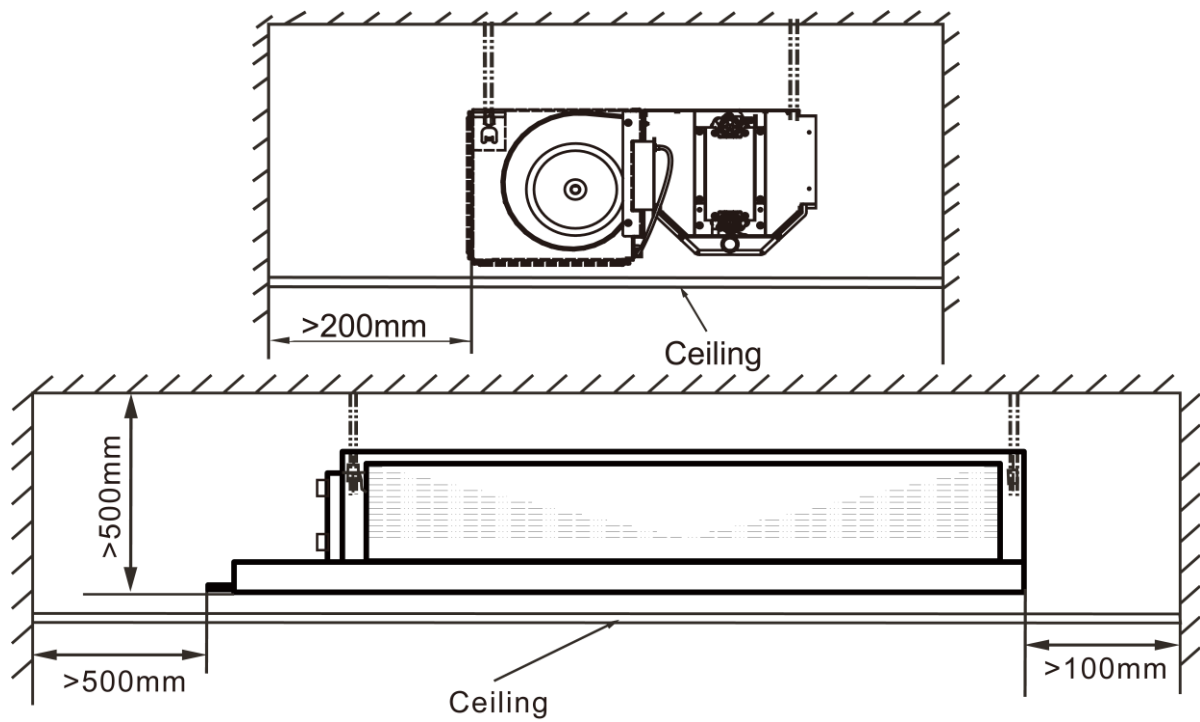


NFD-V1200-4-2P

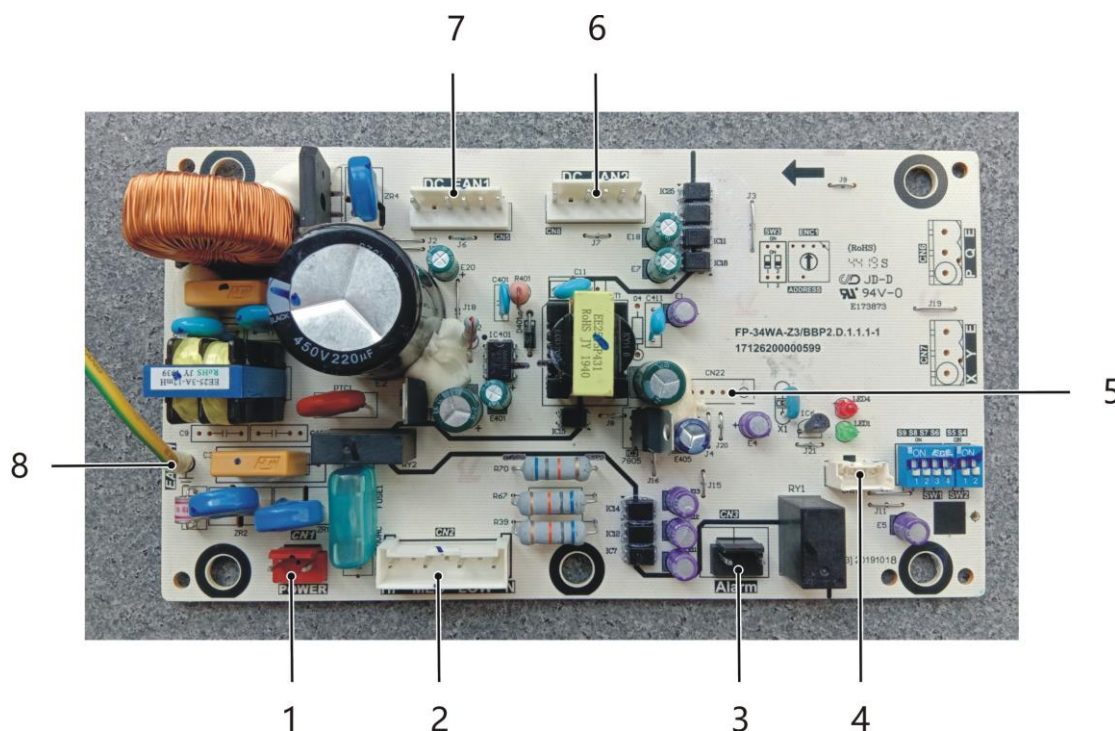


DC Fan Coil Unit

10. Space Requirement



11. Main PCB ports

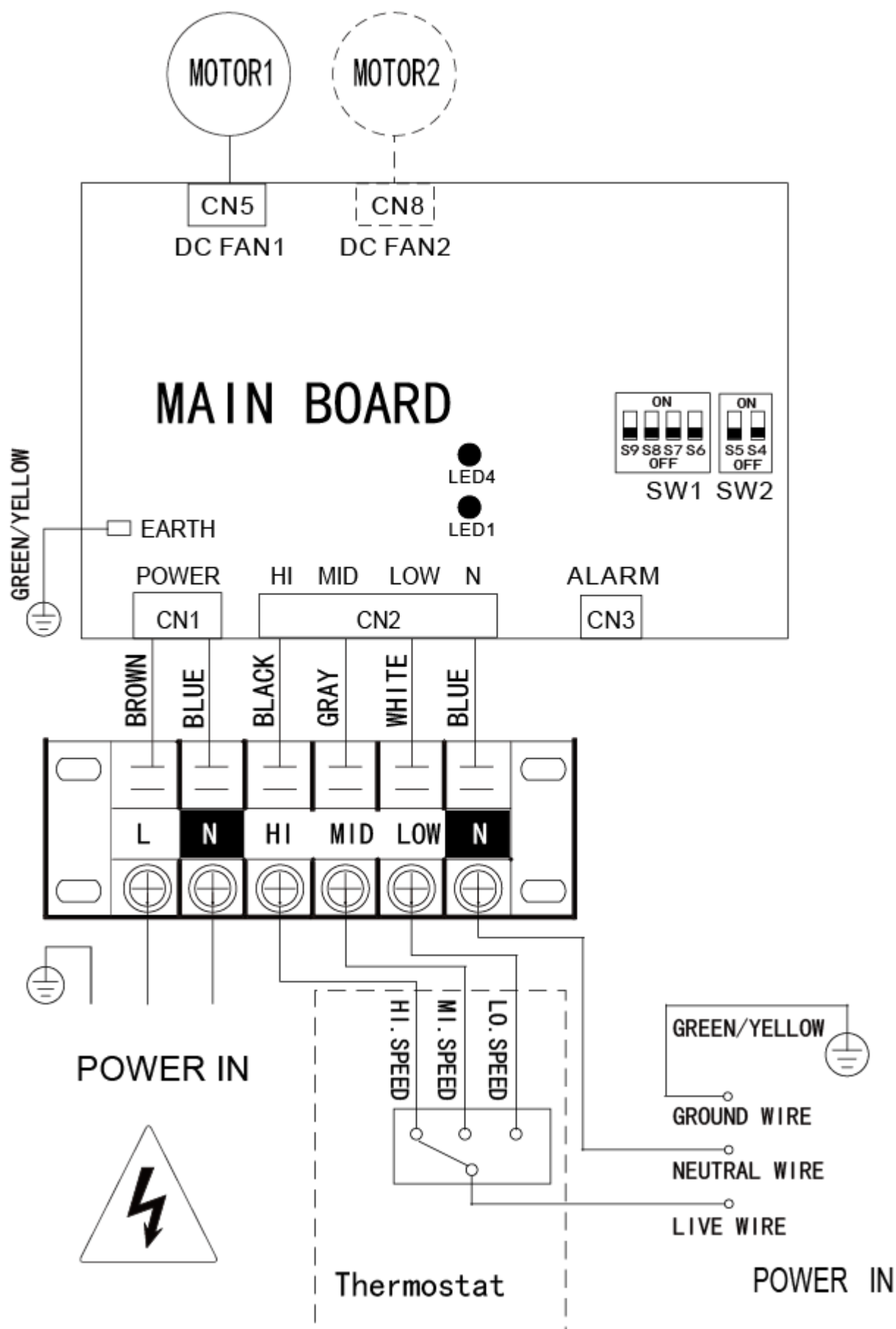


Main PCB port description:

No.	Bit No.	Description	Remarks
1	CN1	POWER: Mains input	Standard
2	CN2	HI: Mechanical three-gear wire controller with high speed	Standard
		MED: Mechanical three-speed wire controller with medium speed	
		LOW: Mechanical three-speed wire controller with low speed	
		N: Mechanical three-speed wire controller with null line	
3	CN3	ALARM: Fault alarm output	Customized
4	CN13	Main control program burn port	Standard
5	CN22	E - side program burning port	Customized
6	CN8	DC_FAN2: DC Fan 2	Standard
7	CN5	DC_FAN1: DC Fan 1	Standard
8	EARTH	EARTH: Grounding screw position	Standard

DC Fan Coil Unit

12. Wiring Diagram



Notes:

1. Connection of motor and main control panel: single-motor model should connect CN5, for double-motor model, positions of CN5 and CN8 can be changed.
2. The default model of DC fan coil is set as 12Pa when leaving the factory. Clients can dial to the responding position to choose the model and static pressure according to the right table and actual static pressure requirements of models and static dial code table on the right.

Static pressure MODE	12Pa	30Pa	50Pa
200CFM(34W) single-motor			
300CFM(51W) single-motor			
400CFM(68W) single-motor			
500CFM(85W) single-motor			
600CFM(102W) single-motor			
800CFM(136W) double-motor			
1000CFM(170W) double-motor			
1200CFM(204W) double-motor			

DC Fan Coil Unit

13. Installation

13.1 Installing site

- Install the unit where installation and maintenance space is enough.
- Install the unit where the ceiling is horizontal and enough to bear the weight of the indoor unit.
- Install the unit where the air inlet and outlet are not baffled and are the least affected by external air.
- Install the unit where the supply air flow can be sent to all parts in the room.
- Install the unit where it is easy to lead out the connective pipe and the drain pipe.
- Install the unit where connotative heat is emitted from a heat source directly.

Caution: Installing the equipment in any of the following places may lead to faults of the equipment (if that is inevitable, consult the supplier):

- The site contains mineral oils such as cutting lubricant.
- Seaside where the air contains much salt.
- Hot spring area where corrosive gases exist, e.g., sulfide gas.
- Factories where the supply voltage fluctuates seriously.
- Inside a car or cabin.
- Place like kitchen where oil permeates.
- Place where strong electromagnetic waves exist.
- Place where flammable gases or materials exist.
- Place where acid or alkali gases evaporate.
- Other special environments.

Precautions before installation:

- Decide the correct way of conveying the equipment.
- Try to transport this equipment with the original package.
- If the air conditioner needs to be installed on a metal part of the building, electric insulation must be performed, and the installation must meet the relevant technical standards of electric devices.

13.2 Installing body

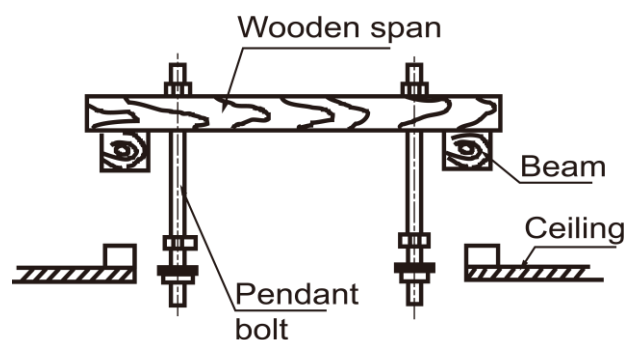
Confirm the dimensions of the indoor unit against the following figure.

Install $\Phi 10$ pendant bolts (4 bolts)

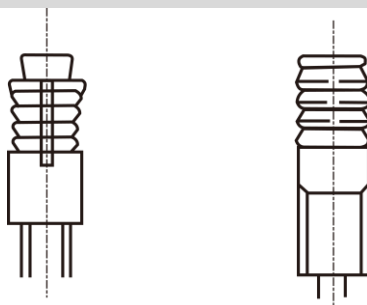
- The intervals of the pendant bolts are shown in the following figure.
- Use the $\Phi 10$ pendant bolts.
- The treatment of the ceiling varies between buildings. For detailed measures, negotiate with the construction and fit-out staff.
- Scope of dismantling the ceiling. Please keep the ceiling horizontal. Reinforce the beams and girders of the ceiling lest vibration of the ceiling.
- Cut off the beams and girders of the ceiling.
- Reinforce the cut-off part, beams and girders of the ceiling.
- After the main body is suspended, work on the pipes and wires in the ceiling. Decide the lead-out direction of the pipes after selecting the installation site. Especially, in a circumstance where a ceiling is available, extend the refrigerant pipe, drain pipe, indoor/outdoor connection wires and wire controller lines to the connection position before suspending the unit.

13.2.1 Procedure of installing the pendant bolts.

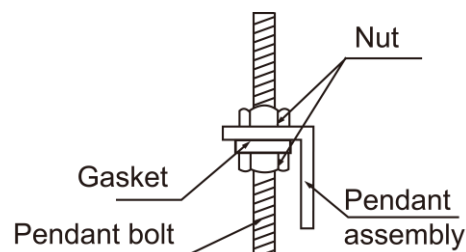
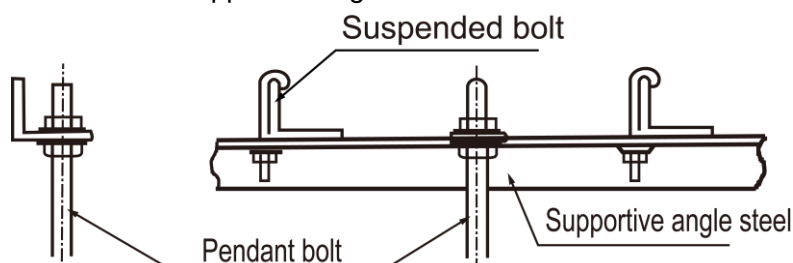
- Base on the unit structure, please set the screw-pitch according to the size of the following figures:
- Wooden structure:
Put rectangular sticks across the beams, and set pendant bolts.



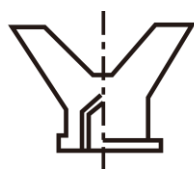
- Old concrete roughcast:
Use embedded bolts and embedded pulling plugs.



- Steel beam and girder structure:
Set and use supportive angle steel.



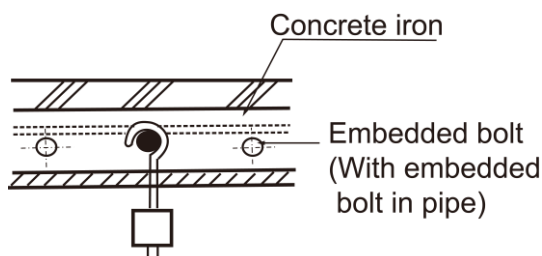
- New concrete roughcast:
Set it with embedded bushes or embedded bolts.



Flap type inser



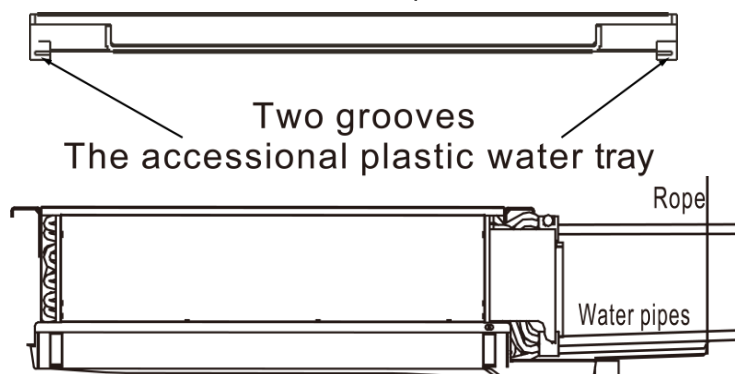
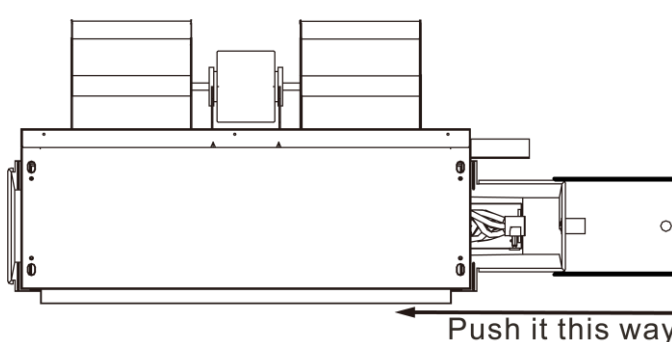
Slide type inser



- Suspending the indoor unit
 - Use tools such as pulleys to hoist the indoor unit to the pendant bolt.
 - Use tools such as gradient to settle the indoor unit horizontally. Lack of horizontality may cause water leak.
 - Connect the duct
 - The duct length is determined according to the external static pressure.
 - Install the wire control switch
- For installation of the wire control switch, see the installation manual of the wire controller.

13.3 Installing extended drain pan

- The grooves of the extended drain pan can be locked at the brim of the main drain pan.

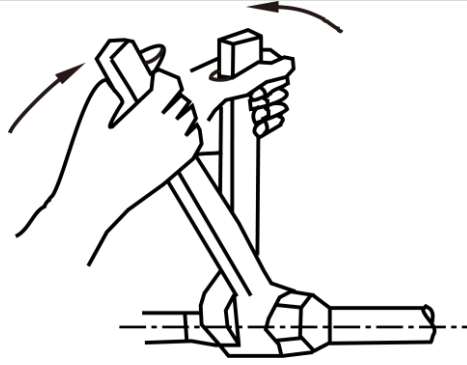


- Please hang up the extended drain pan to the pipes or ceiling by a rope.

13.4 Installing water pipe

- With air release valve, the other side is water inlet pipe.
- When connect water collector, set the tightening torque to 6180~7540N.cm (630~770kgf.cm), and use a spanner to tighten it as shown in Figure.
- The diameter of connective junction in water inlet pipe and water outlet pipe is RC3/4 taper pipe thread inside.
- The diameter of condensate pipe is ZG3/4 taper pipe thread outside.

DC Fan Coil Unit



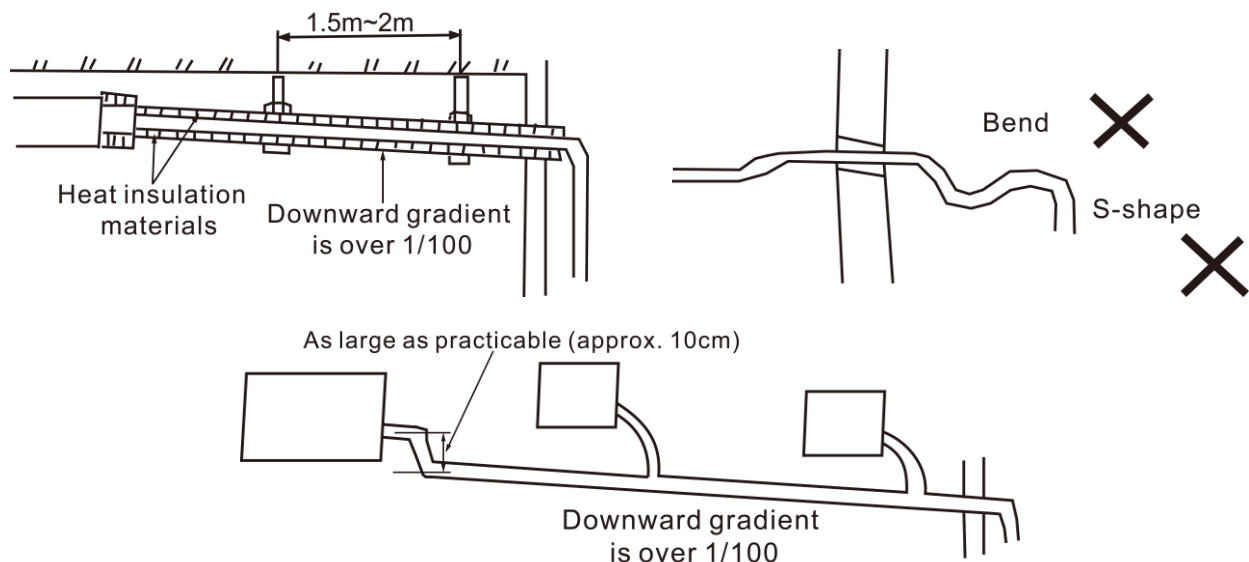
13.5 Installing drainpipe

■ Install the drain pipe of the fan coil unit

Before out from factory, the scupper adopts the pipe thread.

CAUTIONS:

- Be sure to perform heat insulation for the drain pipe of the indoor unit. Otherwise, condensate will occur. The joint of the indoor unit should also undergo heat insulation treatment.
- When performing the pipes connection, use the rigid PVC binder, and make sure that no leak exists.
- Same as the joint of the indoor unit. Be careful not to apply force at the pipe side of the indoor unit.
- The downward gradient of the drain pipe should be higher than (1/100), without bend in the middle.
- The total length of the drain pipe should not exceed 20m, when the pipe is over long, a prop stand must be installed to prevent winging.
- The centralized pipes should be distributed against the figure shown on the right side.



■ Drain test

- Before the test, ensure that the drain pipes are smooth and the adapters are sealed.
- Newly built rooms should undergo the drain test before the ceiling is laid.

13.6 Wiring installation

CAUTIONS:

- The air conditioner should use separate power supply with rated voltage.
- The external power supply to the air conditioner should have ground wiring, which is linked to the ground wiring of the indoor and outdoor unit.
- The wiring work should be done by qualified persons according to circuit drawing.
- An all-pole disconnection device which has at least 3mm separation distance in all pole and a residual current device (RCD) with the rating of above 10mA shall be incorporated in the fixed wiring according to the national rule.
- The appliance shall be installed in accordance with national wiring regulations.
- Be sure to locate the power wiring and the signal wirings well to avoid cross-disturbance.
- Do not turn on the power until you have checked carefully after wiring.

Wiring diagram refer to the part 8.

14. Optional wired controller

KJR-18B/E



14.1 Models

KJR-18B/E is a thermostat that has developed into 4 types. Each type has its own features to suit different environment.

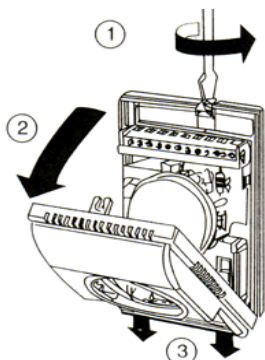
Models	Features
KJR-18B/E-A	Only control 3-speed fan, when the temperature reaches the set-point, it will close the Fan.
KJR-18B/E-B	Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve and fan both.
KJR-18B/E-C	Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve with the fan still running.
KJR-18B/E-D	Control 4 pipe fan coil units, control two motorized valves and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valves with the fan still running.

14.2 Specifications

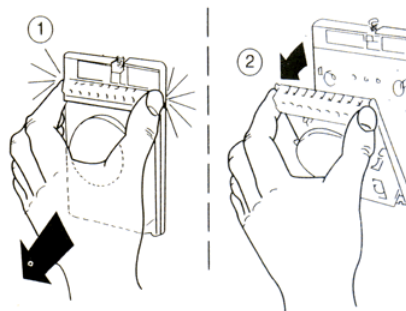
Model	KJR-18B/E
Available appliance	Ducted FCU without electrical heater
Power supply	AC220V±10% - 1Ph-50/60Hz
Operating temperature	0°C~45°C
Operating Humidity	5~90%RH
Temperature controlling range	10°C~30°C
Temperature controlling precision	±1 °C
Dimension (H×W×D)	130×85×43mm

14.3 Installation

1) Dismantle the front panel

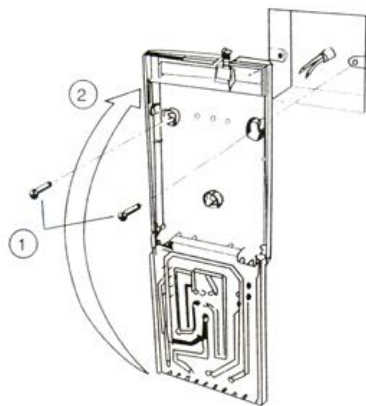


2) Dismantle the middle part

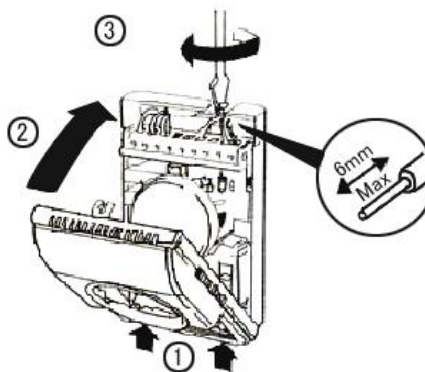


DC Fan Coil Unit

3) Install the back base

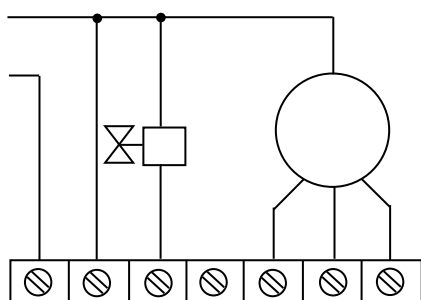


4) Wire Connection



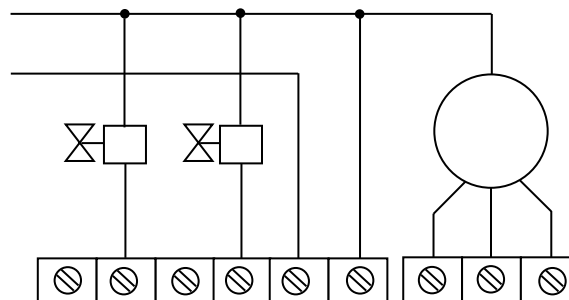
14.4 Wiring diagrams :

KJR-18B/E-A KJR-18B/E-B KJR-18B/E-C



2-wire NC valve system
(KJR-18B/E-A without Motorized Valve)

KJR-18B/E-D



Val1: For heating Val2: For cooling
2-wire NC valve system

Note: Please confirm the model and use corresponding wiring diagram above when you wire.

15. PCB control kit for FCU

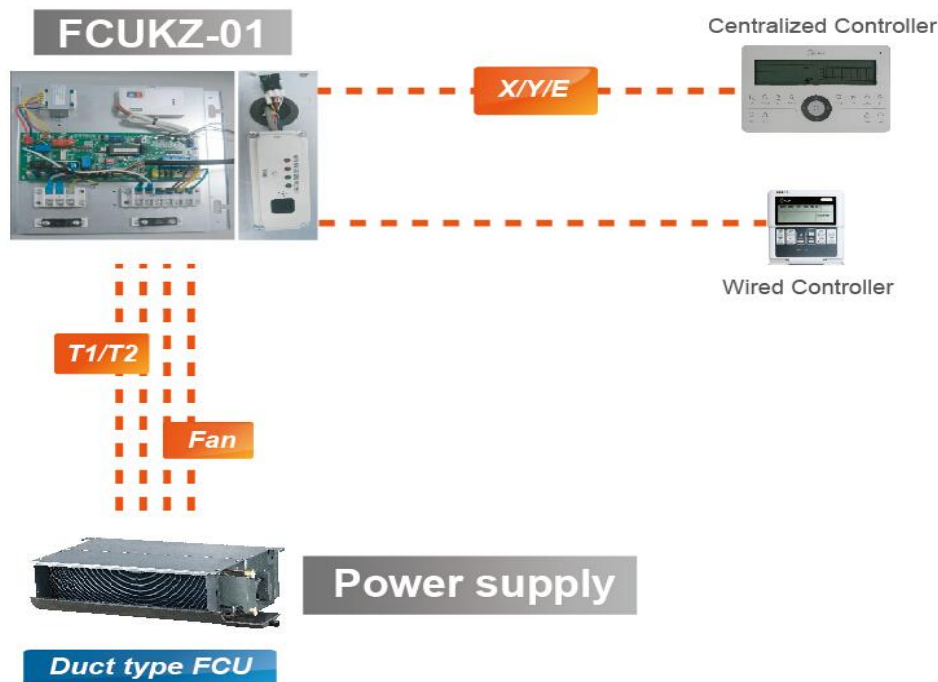


15.1 Specifications

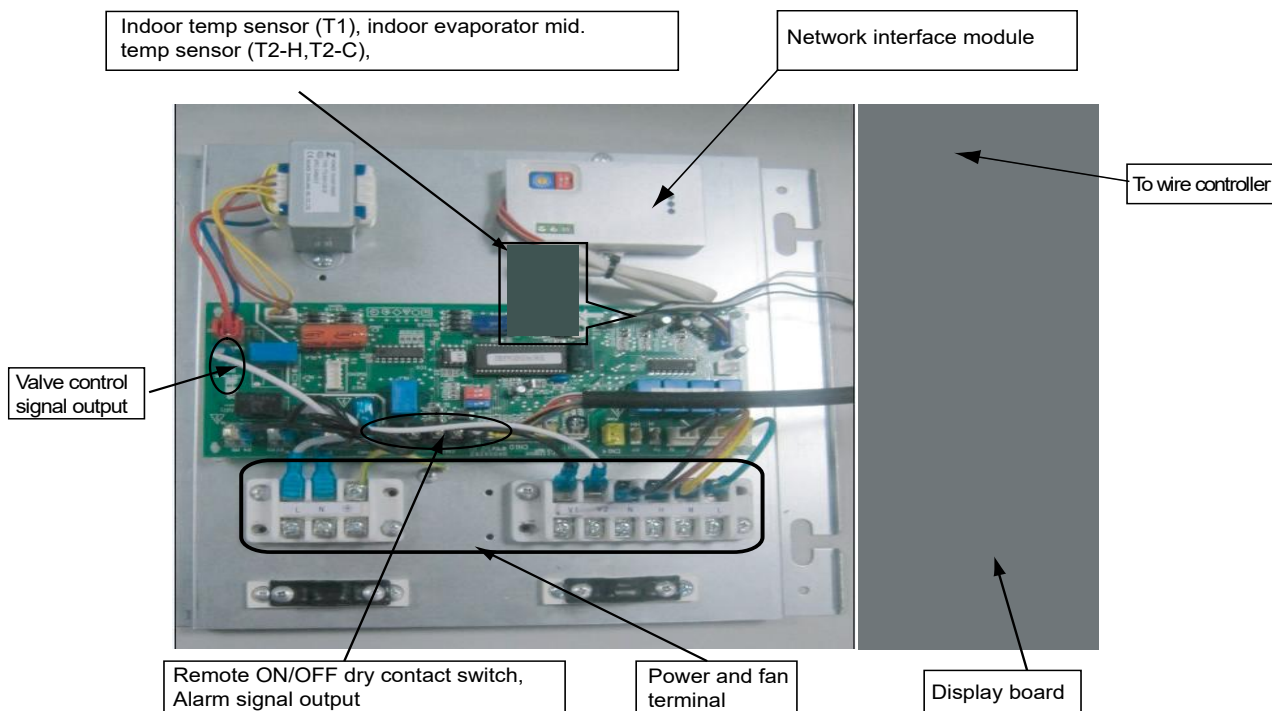
Model		CE-FCUKZ-01
Available appliance		2-pipe ducted FCU
Power supply		220-240V-1Ph-50Hz
Operation range	Room temperature	17°C-30°C
	Inlet water temperature	3°C-75°C
Temperature controlling precision		± 1°C
Dimension (W×H×D)		310×76×290
Packing Size (W×H×D)		384×174×359

15.2 Introduction

FCUKZ-01 is an independent control box that can connect a FCU to realize centralized control. Control box wiring is as follows :



15.3 Internal View



Notes: CE-FCUKZ-01 adopts one switch for three-way valve.

Please refer to the wiring nameplate.

T1 is indoor temperature sensor, install to the air inlet of the indoor unit.

T2 is indoor evaporator mid temperature sensor.

15.4 Main features

1. Suitable for 2-pipe .
2. Installation flexible, it can be installed attaching on the unit, mounting on the wall or hanging under the ceiling.
3. Maintenance convenient for its external installed.
4. Three fan speeds adjustment: high/medium/low.
5. Operating status can be displayed form lamp indicator.
6. Network Interface Module standard, compatible with the CCM control and PC based software control.

15.5 Compatible control type

Model	Applicable appliance	Remote control	Wired control	Central control	PC based network control
CE-FCUKZ-01	2-pipe ducted FCU	√	√	√	√
CE-FCUKZ-02	4-pipe ducted FCU	√	√	√	√

15.6 Address setting

Every air-conditioner in network has only one network address to distinguish each other. Address code of

DC Fan Coil Unit

air-conditioner in LAN is set by code switch on Network Interface Module (NIM), and the set range is 0-63. Functions of cold-air proof and heat-air proof can be selected.

Toggle switch set		Network address code	Toggle switch set	Function selection
SW1	ENC2		SW2	
	 ~ 	00~15		Cold-air proof OFF, Heat-air proof OFF.
	 ~ 	16~31		Cold-air proof OFF, Heat-air proof ON.
	 ~ 	32~47		Cold-air proof ON, Heat-air proof OFF.
	 ~ 	48~63		Cold-air proof ON, Heat-air proof ON.

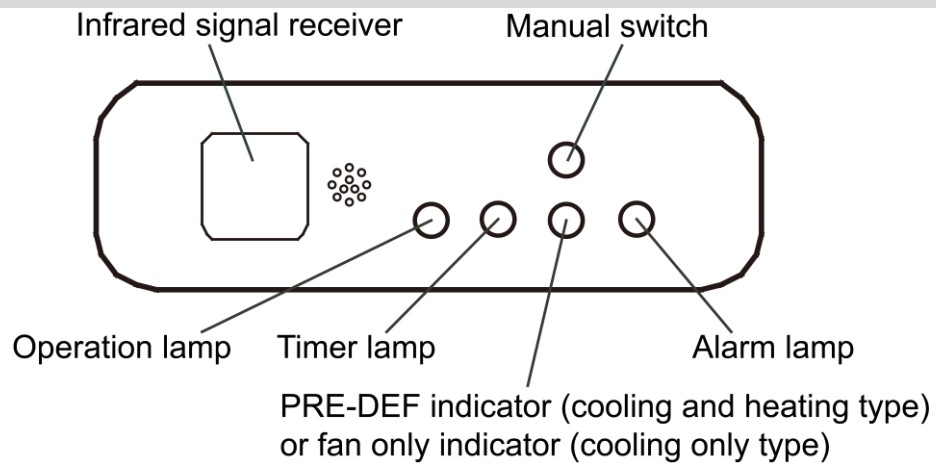
15.7 Trouble shooting

Symptoms	Causes	Solution
The fan speed cannot be changed.	Check whether the MODE indicated on the display is "AUTO".	When the automatic mode is selected, the air conditioner will automatically change the fan speed.
	Check whether the MODE indicated on the display is "DRY".	When dry operation is selected, the air conditioner changes the fan speed automatically. The fan speed can be selected during "COOL", "FAN ONLY" and "HEAT".
The remote controller signal is not transmitted even when the ON/OFF button is pushed.	Check whether the batteries in the remote controller are exhausted.	The power supply is off.
The TEMP. indicator does not come on.	Check whether the MODE indicated on the display is FAN ONLY.	The temperature cannot be set during FAN mode.
The indication on the display disappears after a lapse of time	Check whether the timer operation has come an end when TIMER OFF is indicated on the display.	The air conditioner operation will stop up to the set time.
The TIMER ON indicator goes off after a lapse of certain time.	Check whether the timer operation is started when TIMER ON is indicated on the display.	Up to the set time, the air conditioner will automatically start and the appropriate indicator will go off.
No receiving tone sounds from the indoor unit even when the ON/OFF button is pressed.	Check whether the signal transmitted of the remote controller is properly directed to the infrared signal receiver of the indoor unit when the ON/OFF button is pressed.	Directly transmit the signal transmitter of the remote controller to the infrared signal receiver of the indoor unit, and then repeatedly push the ON/OFF button twice.

15.8 Malfunction and malfunction code

NO.	Malfunction	Running time	Timer lamp	Defrosting lamp	Alarm lamp
1	Room temperature sensor checking channel is abnormal.	×	☆	×	×
2	Evaporator sensor checking channel is abnormal.	☆	×	×	×
3	EEprom malfunction	☆	☆	×	×
4	Water-level switch malfunction	×	×	×	☆

(×: Extinguish, ☆: Flash at 5Hz)



DC Fan Coil Unit

16. Optional central controller

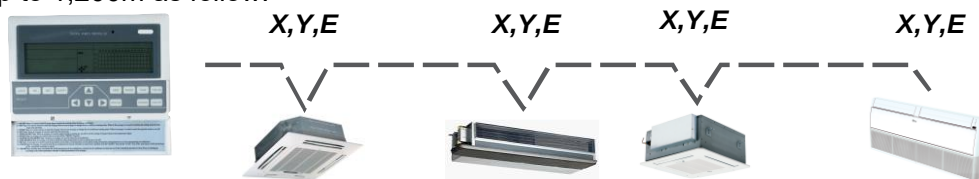
CCM03



CCM30

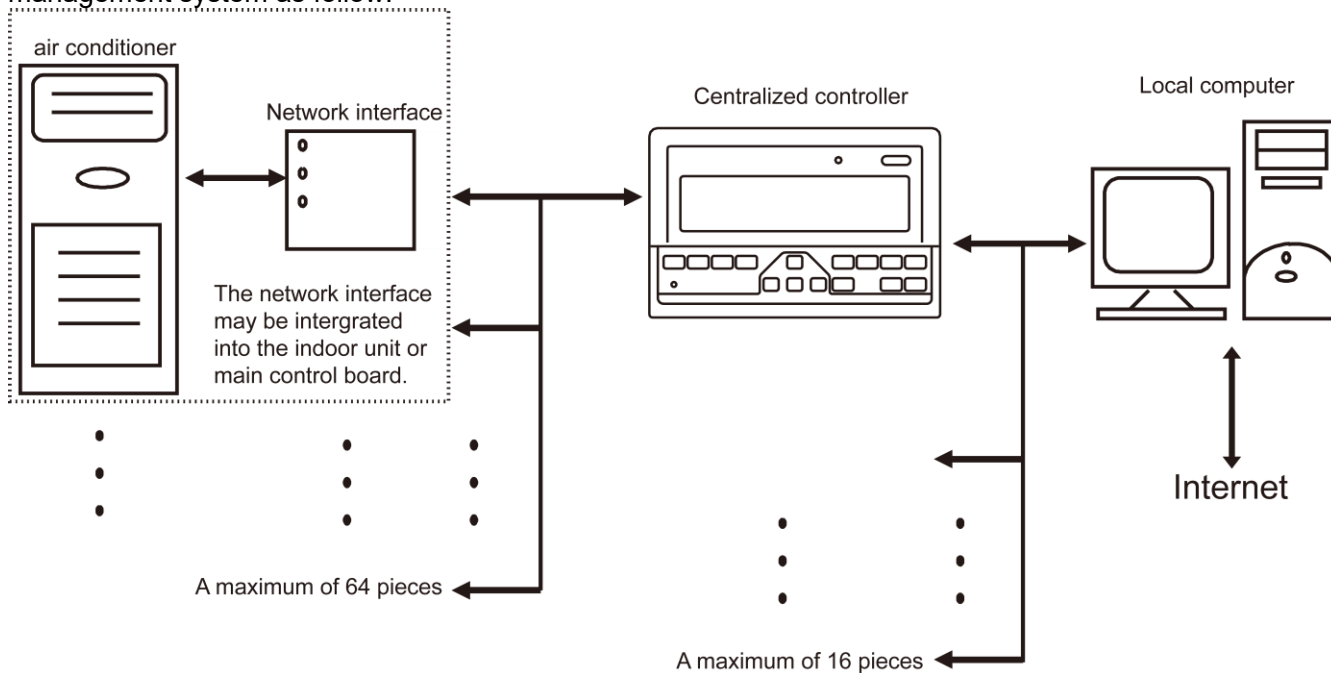


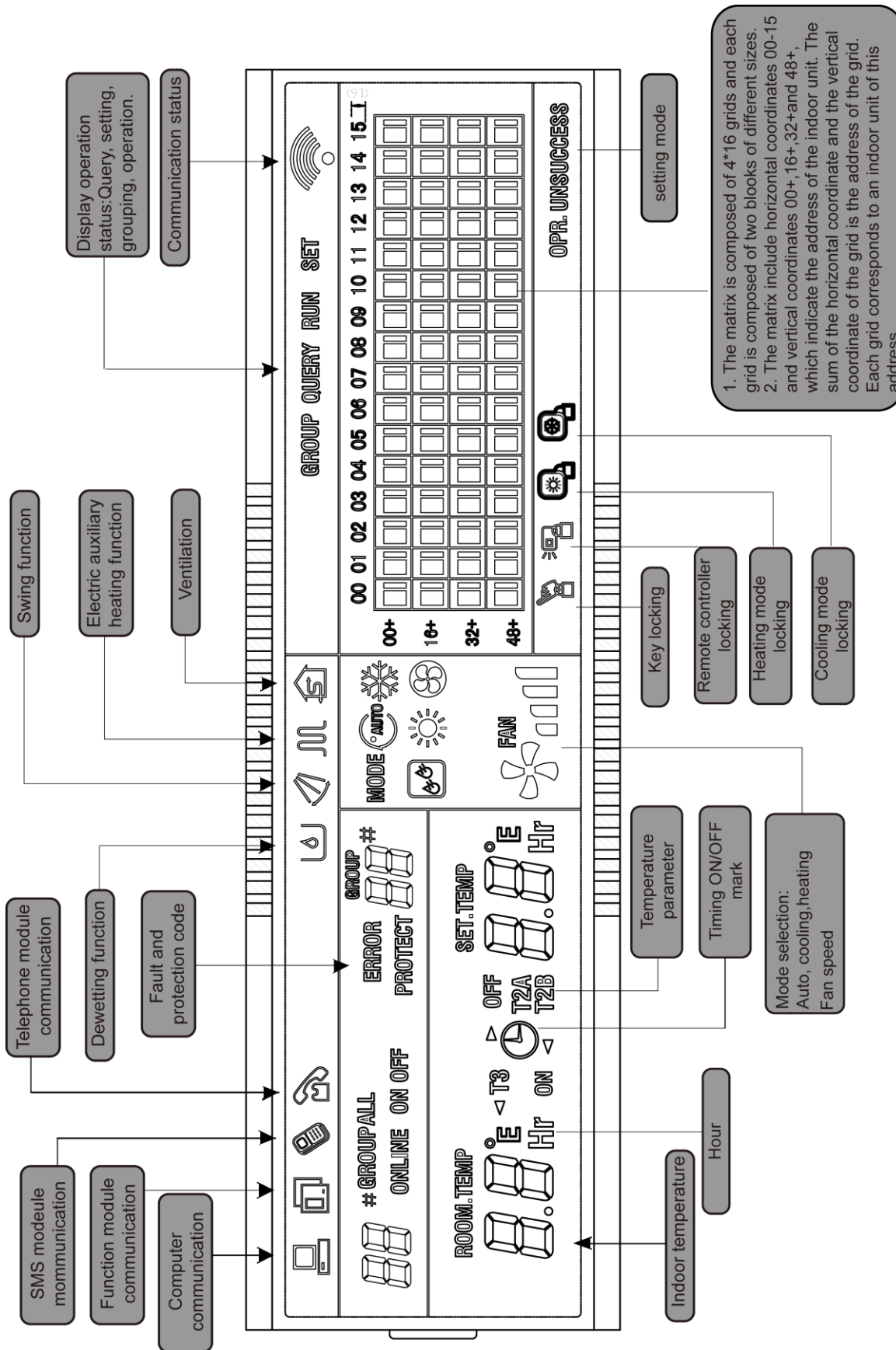
CCM03/CCM30 is a multifunctional device which is able to control up to 64 indoor units. And the connection length can be up to 1,200m as follow:



Access to network monitoring

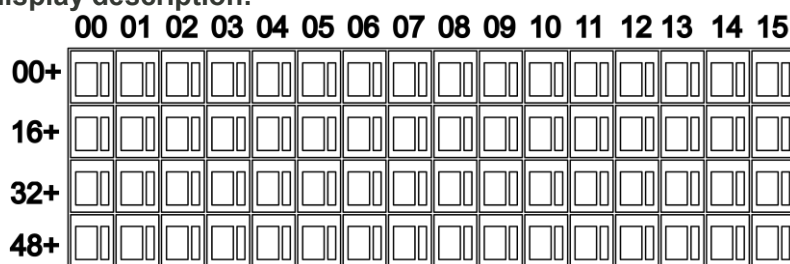
CCM03/CCM30 is able to bridge up to 64 indoor units to the network monitoring system and the building management system as follow:





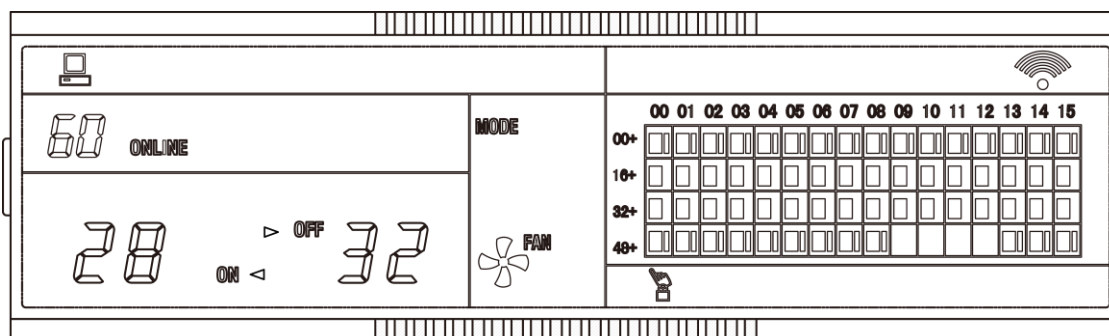
DC Fan Coil Unit

Liquid crystal matrix display description:



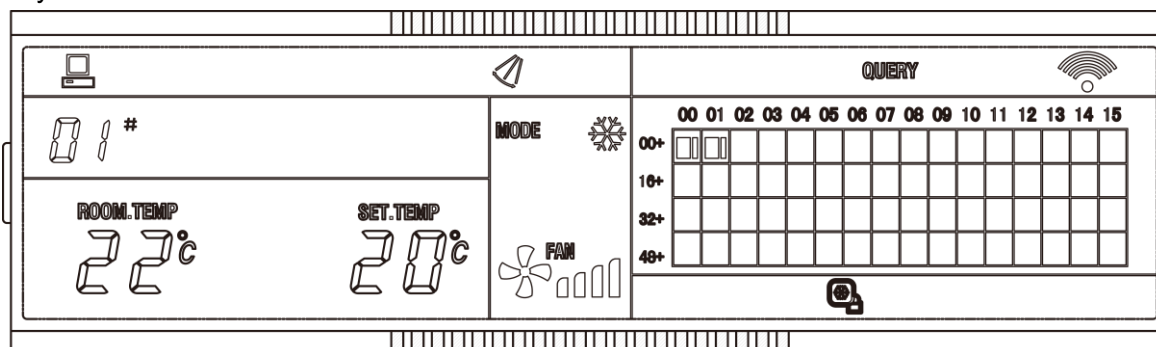
1. The liquid crystal matrix is composed of 4*64 grids, and each grid is composed of two blocks of different sizes (as shown in the above figure).
2. The matrix includes horizontal coordinates 00-15 on the upper side and vertical coordinates 00+, 16+, 32+ and 48+ on the left Side, which indicate the address of the indoor unit. The sum of the horizontal coordinate and the vertical coordinate of the grid is the address of the grid. Each grid corresponds to an indoor unit of this address.
3. One grid is composed of two blocks of different sizes. The status indication table is as follows:

Status	Constantly on	Slow blink		Fast blink
Object				
Big black block	In-service	Selected		Out of service
Small black block	Power on		Fault of indoor unit	Power off



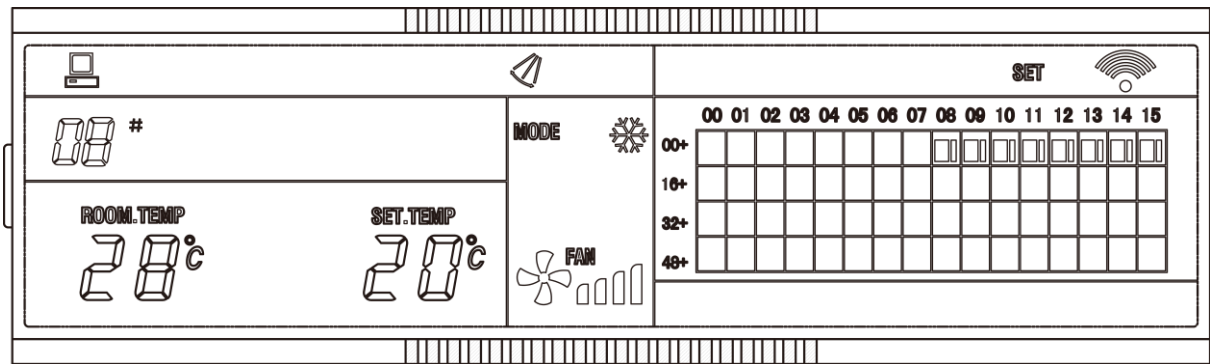
LCD display description

1. Description of the standby page
 - 1) The LCD displays the standby page, 60 air conditioners are in service, of which 28 are powered on and 32 off.
 - 2) In the matrix, the big dots of (00, 16+) and (15,32+) are luminous, and the small dots are not luminous. It indicates the 32 air conditioners with the addresses from 16 to 47 are powered off.
 - 3) In the matrix, the big and small dots of (09, 48+) and (12, 48+) are not luminous. It indicates the four air conditioners with the addresses from 57 to 60 are outside the network.
 - 4) All other big and small dots in the matrix are luminous. It indicates all other air conditioners are in the network and powered on.
 - 5) The address of the air conditioner is sum of the coordinates. For example, the address of (09, 48+) is 09+48=57.
 - 6) The centralized controller keypad is locked, and the centralized controller communicates with the computer normally.



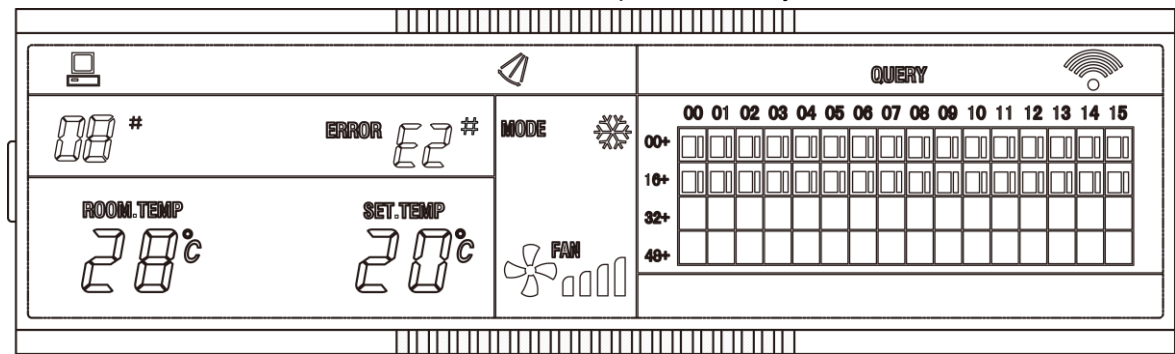
Query page description

- 1) The LCD displays the query page, and the air conditioner with the address of 08 is being queried. Mode of the air conditioner with the address 01 is: Cooling, strong air, swing on, indoor temperature 22°C, set temperature 20°C, cooling mode “lock”.
- 2) In the matrix, only the big and small black dots at (00, 00+) and (01, 00+) are luminous. It indicates the in-service and power-on status of the air conditioners with the addresses of 00 and 01.
- 3) The centralized controller communicates with the computer normally.



Setting page description

- 1) The LCD displays the setting page, and queries the air conditioner with the address of 08. The mode of the air conditioner with the address 08 is: Cooling, strong air, swing on, indoor temperature 28°C, set temperature 22°C, cooling.
- 2) In the matrix, only the big black dots from (08, 00+) to (16, 00+) are luminous. It indicates the air conditioners with the addresses from 08 to 16 are in service.
- 3) The centralized controller communicates with the computer normally.



Fault page display description

- 1) Query the air conditioner with the address of 08 in the query page. The air conditioner with the address of 08 is faulty, and the fault code is 08. The big black dot below (08, 0+) blinks.
- 2) In the matrix, only the big and small black dots from (00, 00+) to (16, 15+) illuminate. It indicates the in-service status of the air conditioners with the addresses of 00 and 01.
- 3) The centralized controller communicates with the computer normally.

DC Fan Coil Unit

17. Optional 3-way valve assembly

3-way valve: DDSTF-01



DDSTF-01

17.1. Specifications (DDSTF-01)

Working voltage: AC230 $\pm$ 10%, 50/60Hz (24V can be customized).

Power consumption: 4W (only when you open and close the valve).

Nominal pressure: 1.6MPa.

Applied medium: cold or hot water, 50% glycol water liquor.

Medium temperature : 2-75°C

Environment temperature : -5-50°C

17.2. Parts introduction

No.	Name	Specification	Quantity
1	Inner Junction	G3/4"	5
2	Connecting pipe I	Diam.Φ16,Junction G3/4"	1
3	Electric 3-way valve	DDSTF-01	1
4	3-way pipe	G3/4"	1
5	Seal rubber belt		1
6	Connecting pipe II	Diam.Φ16,Junction G3/4"	1
7	Seal washer	Φ24xΦ15x4	4

17.3. Installation

- (1). Do not overexertion to avoid the damage of evaporator screw thread.
- (2). when install or remove junction, two spanners must be used simultaneously to avoid non-screw up or damage of screw thread.
- (3). Except for four terminals of pipe sealed by seal washers, other screw threads must be wrapped by seal rubber belt.
- (4). Ensure all interfaces not water leakage, when finished pipes and junctions connection.
- (5). Please see enclosed Electric 3-way Valve Installation Manual for other installation procedures of the electric 3-way valve.

