

# NØRDIS Ultima 2 Mono Commercial

FOR COMMERCIAL USE



R290 WiFi A+++

## Features

- Energy efficiency class up to A+++/A+++;
- Eco-friendly refrigerant R290;
- Supply water temperature up to 75°C;
- Operates in heating mode at outdoor temperatures down to -25°C;
- Innovative 7" touch-sensitive control panel;
- One control panel manages up to 15 units in a single cascade system;
- Smart grid function integrated.

Due to its power and wide range of applications, the NØRDIS Ultima 2 commercial series ensures comfortable heating, cooling, and domestic hot water supply even in the largest commercial projects—hotels, offices, factories, and other industrial sectors. The optimised cascade system allows the NØRDIS Ultima 2 series to adapt to a variety of needs.



30kW outdoor unit



40kW outdoor unit



80kW outdoor unit

Model		HLT230MONO3	HLT240MONO3	HLT280MONO3		
Compatible Indoor Control Unit		HLT Control Box				
Seasonal Energy (According to EN14825)						
ErP	Energy Class-Heating (35°C/55°C)		A+++/A+++	A+++/A++	A+++/A++	
	SCOP (35°C/55°C)	W/W	5.22/4.04	4.86/3.72	4.80/3.70	
	Rated Heat Output (Prated) (35°C / 55°C)	kW	29/29	28.6/28.1	57/56	
	Seasonal Space Heating Efficiency (35°C/55°C)	%	206/159	192/146	190/143	
	Annual Energy Consumption (35°C/55°C)	kWh	11470/14823	12166/15641	25166/30641	
	Sound Pressure Level 1m	dB (A)	41	48	ND	
	Sound Power Level	dB (A)	55	62	ND	
Nominal Capacity and Nominal Input						
Heating	A7/W35	Heating Capacity Min./Max.	kW	8.33/30.73	12.70/38.60	27.9/80.0
		Heating Power Input Min./Max.	kW	1.51/6.95	2.80/12.30	5.58/18.6
		C.O.P Max.	W/W	5.50	4.58	5.0
	A7/W45	Heating Capacity Min./Max.	kW	6.36/29.48	12.40/39.90	25.8/74
		Heating Power Input Min./Max.	kW	1.90/8.05	3.90/14.70	7.54/22.4
		C.O.P Max.	W/W	3.66	3.15	3.5
Cooling	A35/W18	Cooling Capacity Min./Max.	kW	11.67/30.36	11.96/34.20	26.6/71.0
		Cooling Power Input Min./Max.	kW	2.46/8.27	2.80/9.10	5.43/18.20
		E.E.R Max.	W/W	4.90	4.78	4.9
	A35/W7	Cooling Capacity Min./Max.	kW	6.36/23.45	4.50/25.10	18.6/50
		Cooling Power Input Min./Max.	kW	2.55/8.53	2.90/9.40	5.85/19.93
		E.E.R Max.	W/W	2.75	2.59	3.18

Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.

Outdoor Unit Model		HLT230MONO3	HLT240MONO3	HLT280MONO3		
Power Supply		V/Ph/Hz	380-415/3/50			
Circuit Breaker		A	C25	C40	C63	
Power Cable*		mm <sup>2</sup>	5x4	5x6,0	5x16	
Operation limits	Ambient Temperature Range	°C	-25 ~ 43			
	Heating Water Temperature Range	°C	20 ~ 75			
	Cooling Water Temperature Range	°C	7 ~ 25			
Refrigerant side	Refrigerant	Type / Amount	- / kg	R290 / 2,7	R290 / 4,2	R290 / 9
	Scroll Compressor	Quantity		1	1	2
	Four-way valve + EEV			Sanhua		
	Fan	Quantity		2	1	2
		Airflow	m <sup>3</sup> /h	11000	12500	27000
		Rated Power	W	200 x 2	1100	1100 x 2
Water Side	Plate Heat Exchanger	Quantity	1			
	Piping Connection	Inch	G1-1/2"	G2"	G3"	
	Allowable Water Flow - Min./Rated/Max.	l/s	1,143/1,84	1,3/1,9/2,5	2,6/3,8/5,0	
		l/min	60/85,8/110,4	78/83,4/150	156/228/300	
		m <sup>3</sup> /h	3,6/5,15/6,62	4,68/6,84/9	9,36/13,68/18	
Water Flow Meter		Vortex				
Dimensions	Net Dimensions (W x D x H)	mm	1544x550x1740	1170x970x1620	2218x984x2336	
	Net Weight	kg	275	348	800	

\*The selection of power supply cable cross-sectional areas shall comply with local electrical safety requirements. Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.

Indoor Control Unit		HLT CONTROL BOX		
Compatible Outdoor Units		HLT230MONO3	HLT240MONO3	HLT280MONO3
Power Supply		V/Ph/Hz	220-240/1/50	
Circuit Breaker		A	C6	
Power Cable*		mm <sup>2</sup>	3x1,5	
Dimensions	Net Dimensions (L x D x H)	mm	390x132x450	
	Net Weight	kg	10	

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