



PRODUCT CATALOGUE

Heat Pumps Air-to-Air

Heat Pumps for Domestic Hot Water

Heat Pumps Air-to-water

Fan Coil Units

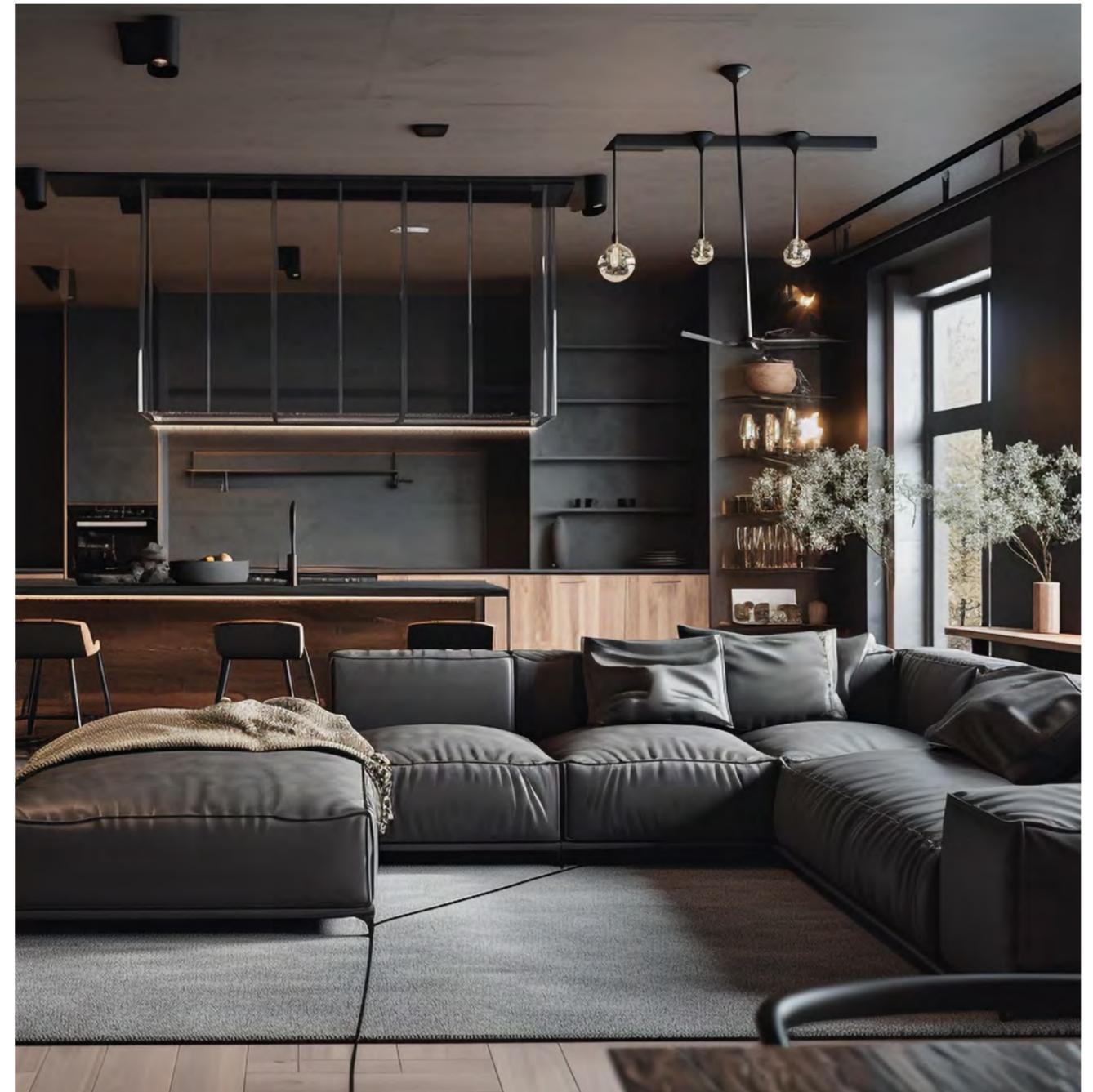
2026

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AIR CONDITIONERS
HEAT PUMPS
AIR-TO-AIR



Solutions Adapted For Any Space

Our solutions are designed to help you work comfortably, relax fully, and enjoy a balanced, fulfilling life – all while reducing energy consumption and supporting long-term well-being. By combining innovative technology with thoughtful design, we aim to enhance everyday experiences in a sustainable way.

We focus on the spaces where you spend most of your time, ensuring they consistently deliver optimal comfort and efficiency. From modern workplaces that boost productivity and concentration, to homes that offer warmth, calm, and relaxation, and leisure areas that promote rest and enjoyment – NØRDIS solutions adapt seamlessly to any environment.



Experience Gathered

EQUIPMENT FOR THE FUTURE

The experience in designing and manufacturing air conditioning and heating systems, along with optimised production processes, has enabled the creation of a reliable NØRDIS air conditioning industry network with the largest and most advanced production lines.

By refining manufacturing processes and addressing the needs of customers living in northern climates, NØRDIS offers a new generation of inverter air conditioners and air-to-air heat pumps designed for both residential and commercial spaces in cooler climate regions.



NØRDIS Split and Multi-Split Type Air Conditioners for Residential Spaces

Ultra-quiet Split-type inverter air conditioners and air-to-air heat pumps feature a stylish and compact design. With energy efficiency ratings of A+++, A++, and A+, they ensure low energy consumption, while advanced functions create a comfortable environment in both cooled and heated spaces.

NØRDIS Multi-Split inverter air-to-air heat pumps are designed for those who need more than one air conditioner. The product range allows you to create a system that best suits the layout and design of any home.



NØRDIS Split and Multi-Split Type Air Conditioners for Commercial Use

Functional NØRDIS air conditioners and air-to-air heat pumps are designed to maintain a comfortable temperature and improve air quality in commercial spaces.

This modern equipment is suitable for commercial properties, offices, workshops, auditoriums, sports halls, manufacturing facilities, warehouses, as well as private and public spaces. With high efficiency, these systems require minimal energy consumption and do not involve complex installation processes.

Ensuring Efficiency Equipment Standards





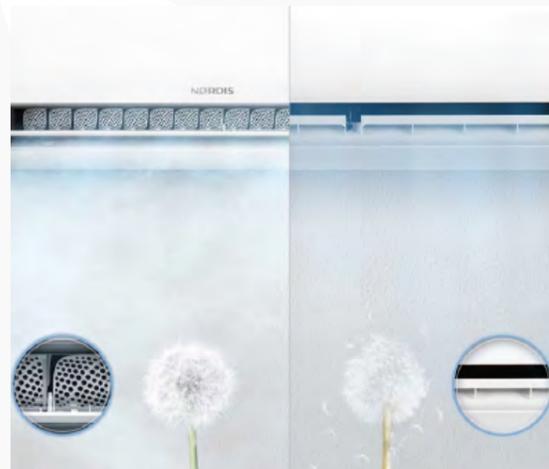
Air Conditioners Air-to-Air Heat Pumps



Gentle Cool Airflow

The latest NØRDIS air conditioner series features the highly advanced "Gentle Cool Wind" technology for wind-free cooling.

Next-generation airflow direction grilles, equipped with micro-holes, gently, evenly, and quietly distribute cool air throughout the room. This ensures a pleasant cooling experience while eliminating cold air drafts.



Cool and Warm Airflow

NØRDIS multifunctional air conditioner and air-to-air heat pump ensures year-round comfort indoors. With a single device, spaces are cooled in summer and heated in winter.

Thanks to its specially designed air ducts, air is delivered over long distances, allowing cool or warm air to reach even the furthest corners of the room.

Smart Air Flow technology enables intelligent airflow management for maximum comfort in both cooling and heating modes. In cooling mode, it creates a "shower" airflow effect, while in heating mode, it provides a "blanket" airflow effect for optimal warmth.



Sleep Mode for Quality Rest

Sleep mode is a specially designed function of the NØRDIS air conditioner and air-to-air heat pump tailored for nighttime use to ensure a comfortable rest.

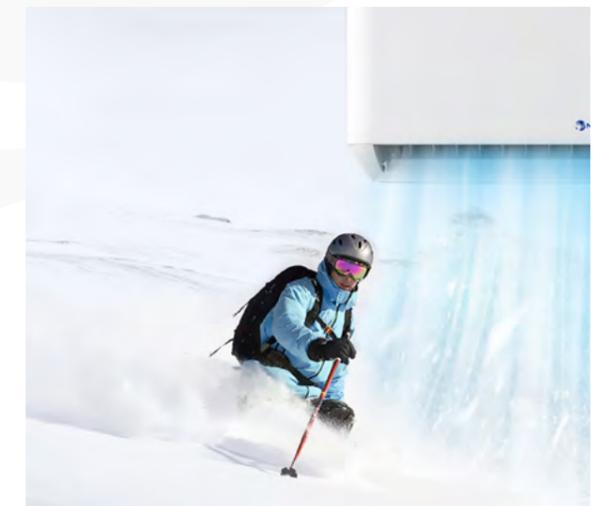
When sleep mode is activated, the air conditioner gradually adjusts the room temperature by increasing or decreasing it by 1-2 degrees per hour. The automatic regulation of ambient temperature and humidity helps maintain optimal body temperature and preserves sleep quality.



Room Heating and Cooling at Turbo Speed

The NØRDIS air conditioner's Turbo function activates the rapid cooling or heating option.

This function is designed for especially fast and efficient room cooling or heating, instantly transforming the space into a comfortable environment for work, leisure, and relaxation.





Air Conditioners – Air-to-Air Heat Pumps

INDOOR AIR CLEANLINESS AND QUALITY

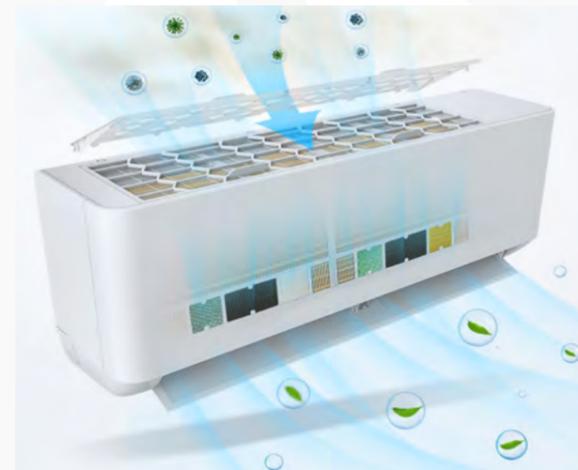


Self-Cleaning and High Temperature Disinfection

The automatic cleaning function is especially important for any air conditioning system.

The NØRDIS equipment's automatic cleaning function automatically cleans the interior of the air conditioner's indoor unit and removes accumulated moisture.

Regularly activating this function ensures that harmful microorganisms and bacteria do not multiply inside the unit, keeping the air cleaner and healthier.



A Well-Designed Filter System for a Healthy Environment

Air conditioners can neutralize up to 99.99% of bacteria, allergens, and other harmful microorganisms in indoor air. That's why NØRDIS equipment is designed with a strong focus on high-level air filtration systems.

These systems include mechanical filtration filters that capture even the finest airborne particles, as well as additional activated carbon and silver ion filters that eliminate unpleasant odors and microorganisms.



B.I.G. Care Protection Complex for Maximum Indoor Air Quality

Bipolar Ion Generator:

- Bipolar ion generator is installed at the air outlet.
- No additional energy consumption for air ionization.

UVC Disinfection:

- UVC LED lights built into the evaporator emit 240–280 nm waves.
- The radiation eliminates bacteria, microbes, and other harmful particles.





Air Conditioners – Air-to-Air Heat Pumps

SMART CONTROL



Air Conditioners – Air-to-Air Heat Pumps

ENERGY EFFICIENCY AND ECOLOGY



Smart Remote Control

The Wi-Fi modules integrated in the NØRDIS units allow you to control the air conditioner with your smartphone (OS: Android, iOS).

With the app, you can remotely switch the air conditioner-heat pump on and off, control its functions and schedule its operation at any time, wherever you are.



Minimum Heat While You're Away

NØRDIS air conditioners - air-to-air heat pumps have a temperature maintenance function of +8°C.

In heating mode, the heat pumps prevent the room temperature from dropping below 8 degrees. This function is especially useful if you are not at home all the time or if you leave the house for a longer period of time.



Environmentally Friendly R32 Refrigerant

R-32 - the next generation of environmentally friendly refrigerant offers advantages over its predecessor R410A:

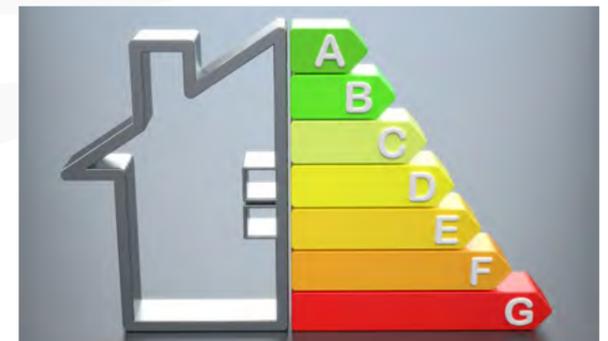
- Low global warming potential (GWP).
- Higher heat transfer coefficient for better performance.
- The system requires less refrigerant.



High Energy Efficiency Class

NØRDIS heating and cooling equipment is based on technologies that ensure an extremely high level of energy efficiency.

High-quality appliances are therefore energy efficient and have an energy efficiency class of at least A+.





Air Conditioners – Air-to-Air Heat Pumps

FLEXIBLE INSTALLATION AND EASY MAINTENANCE



Air Conditioners – Air-to-Air Heat Pumps

FOR RESIDENTIAL SPACES

Flexible Solutions for Different Needs

Each wall-mounted air conditioner can be integrated into single-zone or multi-zone systems. In every case, the customer receives a customized solution tailored for heating and cooling any type of space.

Easy Zone Layout Adjustment

The NØRDIS systems allow flexible adaptation of system solutions from cooling/heating with one zone to multiple zones and vice versa. To reorganise the system, you only need to buy the missing units.

Solutions for Every Space

For bedrooms, where higher air quality and comfortable airflow are required. For living rooms, where efficient air distribution and uniform cooling/heating are essential.

For offices, where a quiet environment and energy efficiency must be ensured... all available in the NØRDIS air conditioner – air-to-air heat pump range.



Split-type Air Conditioners Air-to-Air Heat Pumps



Inverter Air Conditioners
For Residential Spaces / Small Offices

6 SERIES

- 19 Different Models
- Power Range: 2.6 to 7.0 kW



Multi-Split Type Air Conditioners Air-to-Air Heat Pumps



Inverter Air Conditioning Systems
For Residential Spaces / Small Offices

6 SERIES

- Various System Combinations
- Heating/Cooling for 2, 3, 4, or 5 Separate Zones with a Single System
- Power Range: 4.1 to 12.2 kW

NØRDIS Galaxy

SPLIT-TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



AI SELF-LEARNING ENERGY SAVING
learns each room's patterns and usage habits, then automatically adapts

ELEGANT AND STYLISH DESIGN:
black/white version

HIGH SEASONAL EFFICIENCY
(SEER 9,7; SCOP 5,8; A+++ energy efficiency class)

GENTLE COOL WIND TECHNOLOGY
breezeless Air Cooling

B.I.G. CARE+ PROTECTION
bipolar ion generator and UVC disinfection

COMPATIBLE WITH BUILDING MANAGEMENT SYSTEMS (BMS)
for seamless integration in smart buildings

EFFICIENT HEATING AND COOLING
temperature range from -30°C to +53°C

"I FEEL" TECHNOLOGY
for smart temperature control

+8 °C FUNCTION
for maintaining a constant temperature in non-permanent living spaces

FOR SMART CONTROL
built-in Wi-Fi module for control by mobile phone

SELF-CLEANING AND DISINFECTION AT 56°C

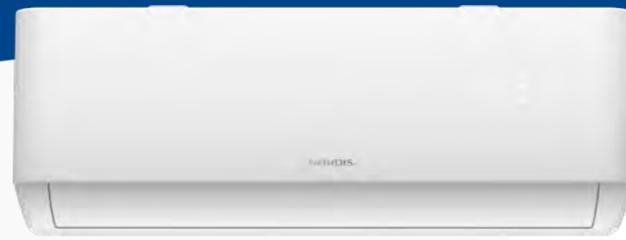
HOTEL MENU FUNCTION
featuring dry contact control, automatic On/Off restart, cooling-only/heating-only settings, and limited maximum/minimum temperature control

Model			G09TC1	G12TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,72(0,94-3,81)	3,58(1,00-4,00)
	Power Input nom (min-max)	kW	0,53(0,24-1,50)	0,79(0,29-1,50)
	Rated Current	A	2,9(1,2-9,0)	3,6(1,5-9,0)
	SEER		9,7	9,4
	EER		5,13	4,53
	Energy Class		A+++	
Heating	Capacity	kW	3,55(0,94-4,30)	3,90(1,00-4,50)
	Power Input nom (min-max)	kW	0,84(0,24-1,83)	0,94(0,29-1,83)
	Rated Current	A	3,8(1,2-10,0)	4,6(1,5-10,0)
	SCOP		5,8	5,8
	COP		4,22	4,15
	Energy efficiency class (average climate zone)		A+++	
Wi-Fi		+/-	+	
Indoor Unit				
Dimensions (WxHxD)		mm	909×305×209	909×305×209
Dimension of Package (WxHxD)		mm	981×375×275	981×375×275
Weight Netto		kg	10,4	10,4
Weight Brutto		kg	13,2	13,2
Air Flow Volume		m³/h	820/750/700/640/600/540/500	820/750/700/640/600/540/500
Sound Pressure		dB (A)	46/42/39/36/33/30/28	46/42/39/36/33/30/28
Sound Power		dB (A)	56/50/45/42/39/36/33	56/50/45/42/39/36/33
Outdoor Unit				
Dimension (WxHxD)		mm	853×602×349	853×602×349
Dimension of Package (WxHxD)		mm	890×628×385	890×628×385
Weight Netto		kg	30	30
Weight Brutto		kg	32	32
Air Flow Volume		m³/h	2600	2600
Sound Pressure		dB (A)	53	53
Sound Power		dB (A)	64	64
Connection Pipe	Pipe Diameters	in/mm	1/4"-3/8"/(Ø6,35-Ø9,52)	1/4"-3/8"/(Ø6,35-Ø9,52)
	Refrigerant R32 Charge	kg	0,85	0,85
	Additional Refrigerant	g/m	15	15
	Pipe Length without Additional Refrigerant	m	5	5
	Max. Distance Length	m	25	25
	Max. Elevation	m	10	10
Cables and Protection Devices	Power Cable	mm²	3x1,5	3x1,5
	Automatic Switch	A	16	16
	Communication Cable	mm²	4x0,75	4x0,75
Cooling Operation Ambient Temperature Range		°C	-15-53	-15-53
Heating Operation Ambient Temperature Range		°C	-30-30	-30-30

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.

NØRDIS Orion Evo

SPLIT-TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



SMART ENERGY MANAGEMENT WITH AI 2.0
powered by AI 2.0, you can cut energy use by up to 38%—in both cooling and heating

EFFICIENT HEATING AND COOLING
temperature range from -25°C to +53°C

RAPID COOLING
within 30 s, Air Volume Increased by 20%, Noise Reduced by 1-2 dB (A)

GENTLE COOL WIND TECHNOLOGY
breezeless air cooling

SMART AIRFLOW CONTROLS
cooling with „Shower-Type“ airflow, heating with „Blanket-Type“ airflow

COMPATIBLE WITH BUILDING MANAGEMENT SYSTEMS (BMS)
for seamless integration in smart buildings

“I FEEL” TECHNOLOGY
for smart temperature control

+8 °C FUNCTION
for maintaining a constant temperature in non-permanent living spaces

SELF-CLEANING AND DISINFECTION AT 56°C

B.I.G. CARE+ PROTECTION
bipolar ion generation and UVC sterilisation for healthier environments.

BUILT-IN WI-FI MODULE
for intelligent control via smartphone

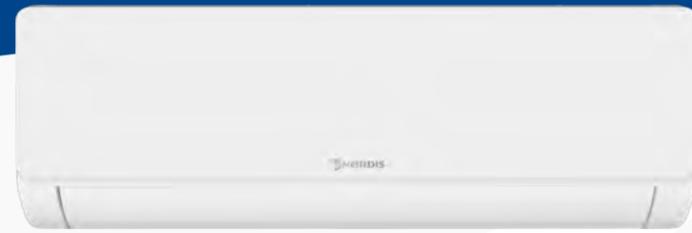
HOTEL MENU FUNCTION
featuring dry contact control, automatic On/Off restart, cooling-only/heating-only settings, and limited maximum/minimum temperature control

Model		OE09TC1	OE12TC1	OE18TC1	OE24TC1	
Power Supply	V/Ph/Hz	220-240 ~/ 1 /50	220-240 ~/ 1 /50	220-240 ~/ 1 /50	220-240 ~/ 1 /50	
Cooling	Capacity	kW	2,61(0,94-3,70)	3,52(1,00-4,60)	5,2 (1,25-5,9)	7,0 (1,8-7,8)
	Cooling Power Input nom (min-max)	kW	0,67 (0,24-1,38)	1,05(0,29-1,51)	1,41(0,33-2,35)	1,94(0,41-2,83)
	Cooling Rated Current	A	3,0(1,2-8,1)	4,8(1,5-9,2)	6,4(1,7-12,0)	8,7(2,3-15,5)
	SEER		8,5	8,5	8,5	8,5
	EER		3,89	3,35	3,68	3,60
	Energy Class		A+++			
Heating	Capacity	kW	3,32 (0,94-4,00)	3,86 (1,00-4,90)	5,50 (1,25-6,69)	7,10(1,85-7,96)
	Heating Power Input nom(min-max)	kW	0,86 (0,24-1,55)	0,96 (0,29-1,72)	1,40 (0,34-2,54)	1,81(0,42-3,01)
	Heating Rated Current	A	3,9(1,2-9,0)	4,0(1,5-10,0)	6,4(1,7-13,0)	8,0(2,3-16,0)
	SCOP		4,6	4,7	4,6	4,7
	COP		3,86	4,02	3,92	3,29
	Energy efficiency class (moderate climate zone)		A++			
Wi-Fi	+/-	+				
Indoor Unit						
Dimensions (WxHxD)	mm	820×306×195	820×306×195	920×306×195	1100×333×222	
Dimension of Package (WxHxD)	mm	890×380×265	890×380×265	990×380×265	1165×405×295	
Weight Netto	kg	9	9	10	11	
Weight Brutto	kg	11	11	13	17	
Air Flow Volume	m³/h	680/650/610/ 570/540/500/460	680/650/610/570/ 540/500/460	900/810/760/700/ 650/590/530	1150/1070/1010/ 940/890/830/750	
Sound Pressure 1m Distance	dB (A)	44/41/37/ 34/29/25/19	44/41/37/34/ 29/25/19	47/42/40/ 38/36/34/32	50/44/40/ 37/34/30/26	
Sound Power	dB (A)	54/50/47/ 44/39/35/29	54/50/47/44/ 39/35/29	57/52/50/48/ 46/44/42	60/54/50/ 47/44/40/36	
Outdoor Unit						
Dimension (WxHxD)	mm	787×498×290	810×549×305	927×699×380	978×803×421	
Dimension of Package (WxHxD)	mm	818×520×325	835×575×328	949×732×392	978×803×421	
Weight Netto	kg	22	24	38	45	
Weight Brutto	kg	24	26	41	49,5	
Air Flow Volume	m³/h	2000	2300	3000	4000	
Sound Pressure 1m Distance	dB (A)	52	53	55	58	
Sound Power	dB (A)	62	63	65	68	
Connection Pipe	Pipe Diameters	in/mm	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-1/2"/ (Ø6,35-Ø12,70)	1/4"-1/2"/ (Ø6,35-Ø12,70)
	Refrigerant R32 Charge	kg	0,57	0,6	0,87	1,27
	Additional Refrigerant	g/m	15	15	25	25
	Track Length without Additional Refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Cables and Protection Devices	Power Cable	mm²	3x1,5	3x1,5	3x1,5	3x2,5
	Automatic Switch	A	10	16	16	20
	Communication Cable	mm²	4x0,75	4x0,75	4x0,75	4x0,75
Cooling Operation Ambient Temperature Range	°C	-15-53	-15-53	-15-53	-15-53	
Heating Operation Ambient Temperature Range	°C	-25-30	-25-30	-25-30	-25-30	

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.

NØRDIS Lyra

SPLIT-TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



SMART ENERGY MANAGEMENT WITH AI 2.0
offline energy saving in both cooling & heating

EFFICIENT HEATING AND COOLING

REVERSE FAN BLOW
the outdoor unit fan blows dust off before operation – cleaner heat exchanger

7 FAN SPEEDS
for different airflow needs.

+8 °C FUNCTION
for maintaining a constant temperature in non-permanent living spaces

"I FEEL" TECHNOLOGY
enables smart temperature control and creates a more pleasant atmosphere

ANTI-DIRECT AIR FLOW
with dimpled design and Coandă effect for lifted, uniform air circulation

***ADDITIONAL MODULE FOR REMOTE CONTROL**
the Wi-Fi module lets you control your air conditioner directly from your smartphone (Android and iOS). With the app, you can switch your air-to-air heat pump on or off remotely, manage its functions, and schedule operation anytime, anywhere

Model			L09TC1	L12TC1	L18TC1	L24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,62 (0,94-3,30)	3,520 (0,6-3,75)	5,140 (1,25-5,91)	7,02 (1,83-8,00)
	Cooling Power Input nom (min-max)	kW	0,811 (0,24-1,380)	1,053 (0,16-1,60)	1,567 (0,33-2,35)	2,118 (0,39-2,70)
	Cooling Rated Current	A	5,4 (1,2-8,0)	5,2 (1,3-9,0)	6,9 (1,5-12,0)	9,5 (1,7-13,0)
	SEER		6,4	6,7	6,8	7
	EER		3,2	3,3	3,3	3,3
	Energy Class		A++	A++	A++	A++
Heating	Capacity	kW	2,70 (1,0-3,81)	3,57 (0,6-3,90)	5,21 (1,25-6,07)	7,12 (1,85-8,0)
	Heating Power Input nom(min-max)	kW	0,726 (0,29-1,72)	0,954 (0,16-1,6)	1,376 (0,34-2,55)	1,864 (0,39-2,8)
	Heating Rated Current	A	4,8 (1,5-9,0)	4,9 (1,5-9,0)	6,2 (1,6-13,0)	8,4 (1,7-14,0)
	SCOP		4	4	4	4
	COP		3,7	3,7	3,8	3,8
	Energy efficiency class (moderate climate zone)		A+	A+	A+	A+
Wi-Fi*			+	+	+	+
Indoor Unit						
Dimensions (WxHxD)		mm	778×272×192	778×272×192	910×305×195	1005×321,5×220
Dimension of Package (WxHxD)		mm	840×335×255	840×335×255	979×380×265	1096×390×297
Weight Netto		kg	7,3	8,5	9	12
Weight Brutto		kg	9,5	10,5	11	14
Air Flow Volume		m ³ /h	550/520/490/450/ 410/370/330	550/520/470/440/ 410/390/350	800/760/690/630/ 580/540/440	1000/950/880/780/ 730/680/570
Sound Pressure 1m Distance		dB (A)	42/38/36/32/ 30/26/22	44/40/38/35/ 31/27/22	47/43/40/37/ 34/31/27	52/48/44/42/ 40/35/30
Sound Power		dB (A)	53/49/46/43/ 39/35/32	54/50/47/44/ 40/36/32	56/53/50/47/ 44/41/37	62/59/53/49/ 47/44/40
Outdoor Unit						
Dimension (WxHxD)		mm	712×459×276	777×498×290	853×602×349	920×699×380
Dimension of Package (WxHxD)		mm	765×481×310	818×515×325	890×628×385	949×732×392
Weight Netto		kg	20	22,5	30	37,5
Weight Brutto		kg	22	24	32,5	40,5
Air Flow Volume		m ³ /h	1700	1900	2600	3000
Sound Pressure 1m Distance		dB (A)	54	54	55	57
Sound Power		dB (A)	62	63	65	67
Connection Pipe	Pipe Diameters	in/mm	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-1/2" (Ø6,35-Ø12,70)
	Refrigerant R32 Charge	kg	0,52	0,53	0,78	1
	Additional Refrigerant	g/m	15	15	25	25
	Track Length without Additional Refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
Cables and Protection Devices	Power Cable	mm ²	3×1,5	3×1,5	3×1,5	3×1,5
	Automatic Switch	A	10	16	16	20
	Communication Cable	mm ²	4×0,75	4×0,75	4×0,75	4×0,75
Cooling Operation Ambient Temperature Range		°C	-15-53	-15-53	-15-53	-15-53
Heating Operation Ambient Temperature Range		°C	-20-30	-20-30	-20-30	-20-30

*Remote control of the device requires additional Wi-Fi module integration. For purchasing the additional Wi-Fi module, please contact NØRDIS sales representatives.

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.

NØRDIS Sirius

SPLIT-TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



2 colors Inverter R32



EFFICIENT HEATING AND COOLING

from -20°C to +53°C Temperature Range



SMART DRYING

maintains the correct humidity level



SELF-CLEANING AND DISINFECTION AT 56°C



6 FAN SPEEDS

for different airflow needs.



"I FEEL" TECHNOLOGY

for smart temperature control



SLEEP MODE

for enhanced comfort and quality sleep



*ADDITIONAL MODULE FOR REMOTE CONTROL

the Wi-Fi module lets you control your air conditioner directly from your smartphone (Android and iOS). With the app, you can switch your air-to-air heat pump on or off remotely, manage its functions, and schedule operation anytime, anywhere

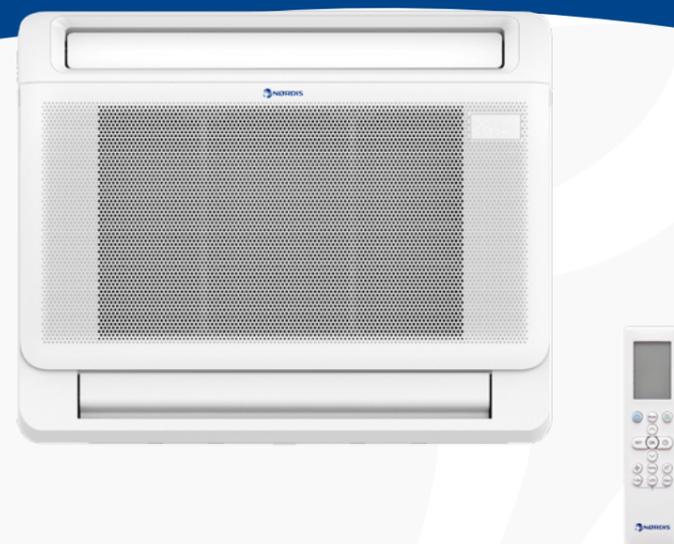
Model		S09TC1	S12TC1	S18TC1	S24TC1	
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,6 (0,94-3,30)	3,4 (1,00-3,77)	5,1 (1,25-5,91)	6,8 (1,83-7,80)
	Cooling Power Input nom (min-max)	kW	0,82 (0,24-1,38)	1,13 (0,29-1,50)	1,58 (0,33-2,34)	2,25 (0,41-2,82)
	Cooling Rated Current	A	4,0 (1,2-8,0)	5,8 (1,5-9,0)	8,1 (1,7-12,0)	10,7 (2,3-12,3)
	SEER	6,1				
	EER	3,17	3	3,22	3	
	Energy Class	A++				
Heating	Capacity	kW	2,61 (0,94-3,36)	3,42 (1,00-3,81)	5,10 (1,25-6,07)	6,87 (1,85-7,90)
	Pdesign capacity (-10°C, average climate zone) nom (min-max)	kW	0,76 (0,24-1,55)	1,00 (0,29-1,72)	1,37 (0,34-2,52)	2,06 (0,42-3,00)
	Power Input nom (min-max)	A	3,8 (1,2-9,0)	5,1 (1,5-10,0)	7,0 (1,7-13,0)	9,9 (2,3-13,5)
	Rated Current	1,9	2	3,6	4,5	
	SCOP	4				
	COP	3,43	3,42	3,72	3,33	
	Energy Class	A+				
	Wi-Fi*	+*				
Indoor Unit						
Dimensions (WxHxD)		mm	698x255x190	777x250x201	910x294x206	1010x315x220
Dimension of Package (WxHxD)		mm	764x325x257	840x315x260	979x372x277	1096x390x297
Weight Netto		kg	6,5	7,5	10	13
Weight Brutto		kg	8,5	10	13	16
Air Flow Volume		m ³ /h	420	550	800	980
Sound Pressure 1m Distance		dB (A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Sound Power		dB (A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Outdoor Unit						
Dimension (WxHxD)		mm	712x276x459	712x276x459	853x349x602	853x349x602
Dimension of Package (WxHxD)		mm	765x310x481	765x310x481	890x385x628	960x400x732
Weight Netto		kg	22	22	35	40
Weight Brutto		kg	24	24	38	43
Air Flow Volume		m ³ /h	1700	1700	2600	3000
Sound Pressure 1m Distance		dB (A)	50	50	55	57
Sound Power		dB (A)	60	60	65	67
Connection Pipe	Pipe Diameters	in/mm	"1/4"-3/8"/ (Ø6,35-Ø9,52)"	"1/4"-3/8"/ (Ø6,35-Ø9,52)"	"1/4"-3/8"/ (Ø6,35-Ø9,52)"	"1/4"-1/2"/ (Ø6,35-Ø12)"
	Refrigerant R32 Charge	kg	0,45	0,49	1	1,14
	Additional Refrigerant	g/m	15	15	25	25
	Track Length without Additional Refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Cables and Protection Devices	Power Cable	mm ²	3x1,5	3x1,5	3x1,5	3x1,5
	Automatic Switch	A	16	16	16	25
	Communication Cable	mm ²	4x0,75	4x0,75	4x0,75	4x0,75
Cooling Operation Ambient Temperature Range		°C	-15-53	-15-53	-15-53	-15-53
Heating Operation Ambient Temperature Range		°C	-20-30	-20-30	-20-30	-20-30

*Remote control of the NØRDIS SIRIUS unit requires an additional integrated Wi-Fi module.

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.

NØRDIS Console NIR-NOA 12

SPLIT TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



EFFICIENT HEATING AND COOLING

with double-sized air outlet vents



SIGNIFICANTLY QUIETER

a specially designed fan ensures significantly quieter operation of the unit.



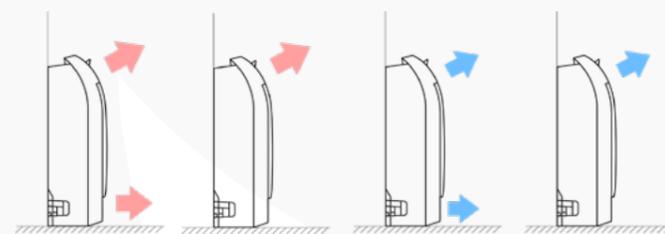
ION GENERATOR

the built-in ion generator neutralizes airborne pollutants.



FOR SMART CONTROL

built-in Wi-Fi module for smart control by mobile phone



TWO SELECTABLE AIRFLOW DIRECTIONS

allow for comfortable air movement control according to individual needs throughout the year.

Models		NIR-NOA 12		
Power Supply		V/Ph/Hz	220-240~/ 1 / 50	
Cooling	Capacity	kW	3,52 (0,77-4,10)	
	Cooling Power Input (min-nom-max)	kW	1020 (174-1333)	
	Rated Current	A	4,54 (1,4-5,89)	
	Rated Supply Current	A	4,52	
	SEER		7,3	
	Energy Class		A++	
		EER	3,52	
Heating	Capacity	kW	3,81 (0,46-4,39)	
	Capacity Pdesign (-10°C, temperate zone)	kW	2,6	
	Heating Power Input (min-nom-max)	kW	1090 (149-1418)	
	Rated Current	A	4,74 (1,24-6,26)	
	Rated Supply Current	A	4,43	
	SCOP		4	
	Energy Class (medium climate zone)		A+	
			COP	3,89
	Wi-Fi		+/-	+
Indoor Unit				
Dimension (WxHxD)		mm	793x621x200	
Dimension of Package (LxWxH)		mm	850x704x265	
Weight Netto		kg	14,9	
Weight Brutto		kg	18,8	
Air Flow Volume		m³/h	620/520/420	
Sound Pressure Level (at a distance of 1 m)		dB (A)	41.5/38/33.5	
Sound Power		dB (A)	58	
Outdoor Unit				
Dimension (WxHxD)		mm	765x303x555	
Dimension of Package (LxWxH)		mm	887x337x610	
Weight Netto		kg	26,6	
Weight Brutto		kg	29	
Air Flow Volume		m³/h	2200	
Sound Pressure Level (at a distance of 1 m)		dB (A)	54	
Sound Power		dB (A)	62	
Connection Pipe	Pipe Diameters	mm (in)	6.35(1/4)/9.52(3/8)	
	Refrigerant Charge R32	kg	0.72	
	Additional Refrigerant	g/m	12	
	Length of Track Without Additional Refrigerant	m	5	
	Max. Distance Length	m	25	
		Max. Elevation	m	10
Power Cable	Power Cable	mm²	3x1,5	
	Automatic Switch	A	16	
	Communication Cable	mm²	4x1,0	
Cooling Operation Ambient Temperature Range		°C	-15~50	
Heating Operation Ambient Temperature Range		°C	-20~24	

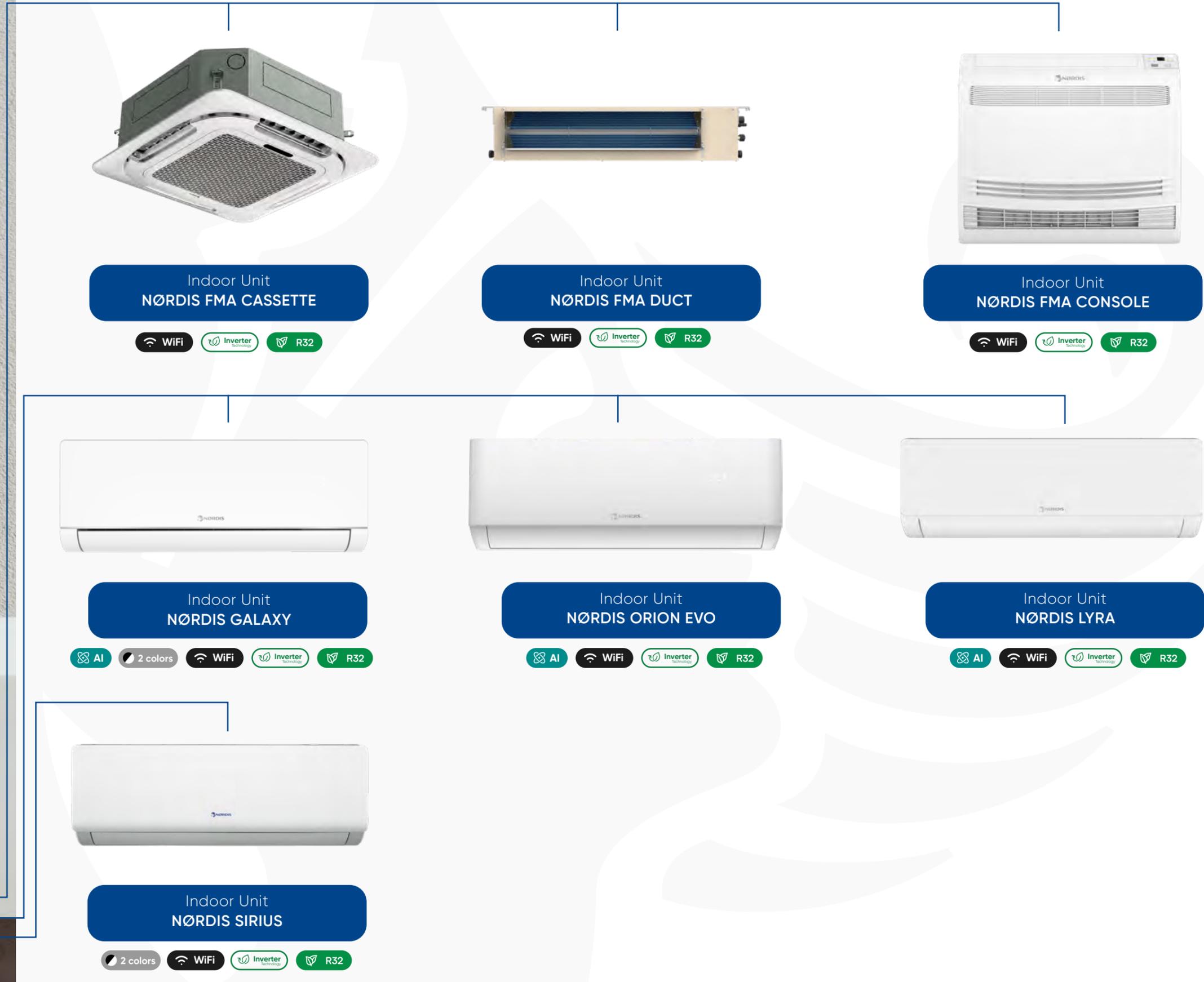
Specifications are subject to change without notice. For the actual device specifications, please refer to the labels on the unit.

Create Your Own Multi-Split System

The NØRDIS Multi-Split system is the perfect choice for customized comfort in your home. This flexible solution allows a single outdoor unit to connect up to 5 indoor units, making it easy to personalize the climate for different rooms or floors according to individual needs.

The Multi-Split system is compatible with NØRDIS air conditioner series – Galaxy, Orion Evo, Lyra, Sirius as well as cassette, duct and console – giving you access to the latest advanced features.

Enjoy precise temperature control and ultimate comfort in multiple spaces with just one outdoor unit. Personalize your home environment for every family member with the NØRDIS Multi-Split system.



Heat and Cool Multiple Separate Zones in Your Home



Space-Saving Solution

No need to install separate outdoor units for each air conditioner inside. The compact and quiet design of the outdoor unit therefore takes up less space than installing separate split systems.



Independent Device Management

The outdoor unit is connected to each indoor unit via a separate pipe, so that the settings for each indoor unit can be adjusted individually.



Optimised Performance and Energy Savings

One external device is much more efficient and energy saving. Advanced inverter heat pump technology allows you to achieve higher efficiency and energy savings through reduced electricity consumption.

Model - outdoor unit			FMA-14I2HD/DVO	FMA-18I2HD/DVO	FMA-27I3HD/DVO	FMA-32I4HD/DVO	FMA-42I5HD/DVO
Number of indoor units			1-2	1-2	1-3	1-4	1-5
Power supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	4,10 (1,20-4,85)	5,10 (1,23-5,60)	7,90 (2,80-8,80)	9,40 (3,10-10,20)	12,20 (3,30-13,10)
	Heating	kW	4,31 (1,25-5,20)	5,20 (1,29-5,75)	7,96 (2,45-8,80)	9,45 (2,55-10,20)	12,20 (3,30-13,10)
Current	Cooling	A	6,3	7,5	11,7	14,1 (1,8-17,0)	16,8 (3,2-24,0)
	Heating	A	5,9	6,2	10,1	13,0 (2,3-17,0)	15,8 (3,5-24,0)
Consumption	Cooling	kW	1,2	1,6	2,63	2,76	3,81
	Heating	kW	1,1	1,4	2,1	2,54	3,68
SEER			6.1 (A++)	6.1(A++)	6.1 (A++)	6.1 (A++)	6.1 (A++)
EER			3,29	3,3	3,23	3,4	3,2
SCOP			4.0 (A+)	4.0(A+)	4.0 (A+)	4.0 (A+)	4.0 (A+)
COP			3,71	3,9	3,71	3,71	3,31
Energy class			A++/A+				
Dimensions (WxHxD)		mm	853x602x349	853x602x349	920x699x380	990x910x340	990x910x340
Dimensions of package (WxHxD)		mm	890x628x385	890x628x385	960x732x400	1030x950x430	1030x950x430
Weight Netto/Bruto		kg	29/31	31/33	42/45	68/80	73/85
Air flow volume		m ³ /h	2600	2600	3000	4000	4000
Sound power		dB (A)	65	65	67	70	70
Sound pressure level 1m distance		dB (A)	52	52	55	58	60
Refrigerant liquid			R32	R32	R32	R32	R32
Refrigerant charge		kg	0,83	1,1	1,5	2,2	3
Max pipe length without additional refrigerant (l)		m	5	5	5	5	5
Additional refrigerant		g/m	15	15	15	15	15
Max. Distances for each indoor unit	Elevation	m	10	10	10	10	10
	Length	m	15	15	15	15	15
Power cable		mm ²	3x1,5	3x1,5	3x2,5	3x2,5	3x2,5
Automatic switch		A	16	16	16	25	32
Cooling operation temperature range		°C	-15-+53	-15-+54	-15-+55	-15-+56	-15-+57
Heating operation temperature range		°C	-20-+30	-20-+31	-20-+32	-20-+33	-20-+34

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

Multi-Split System Combinations

FMA-14I2HD/DVO		FMA-18I2HD/DVO		FMA-27I3HD/DVO	
1 Indoor Unit	2 Indoor Unit	1 Indoor Unit	2 Indoor Unit	2 Indoor Unit	3 Indoor Unit
09	09+09	09	09+09	09+09	09+09+09
12	09+12	12	09+12	09+12	09+09+12
		18	09+18	09+18	09+09+18
			12+12	12+12	09+12+18
				12+18	12+12+12
				18+18	

FMA-32I4HD/DVO			FMA-42I5HD/DVO			
2 Indoor Unit	3 Indoor Unit	4 Indoor Unit	2 Indoor Unit	3 Indoor Unit	4 Indoor Unit	5 Indoor Unit
09+09	09+09+09	09+09+09+09	09+09	09+09+09	09+09+09+09	09+09+09+09+09
09+12	09+09+12	09+09+09+12	09+12	09+09+12	09+09+09+12	09+09+09+09+12
09+18	09+09+18	09+09+09+18	12+12	09+12+12	09+09+09+18	09+09+09+09+18
12+12	09+12+18	09+09+12+12	09+18	09+09+18	09+09+12+12	09+09+09+12+12
12+18	12+12+18		12+18	09+12+18	09+09+12+18	09+09+09+12+18
18+18			18+18	12+12+12	09+12+12+12	09+09+09+18+18
				12+12+18	09+12+12+18	09+09+12+12+12
				12+18+18	09+12+18+18	09+09+12+12+18
				18+18+18	09+18+18+18	09+12+12+12+12
					12+12+12+12	09+12+12+12+18
					12+12+12+18	12+12+12+12+12
					12+12+18+18	

Multi-Split System Air Conditioners Indoor Units

NØRDIS Galaxy



Model			G09TC1	G12TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	2,72(0,94-3,81)	3,58(1,00-4,00)
	Heating	kW	3,55(0,94-4,30)	3,90(1,00-4,50)
Wi-Fi		+/-	+	+
Indoor Unit				
Dimensions (WxHxD)		mm	909×305×209	909×305×209
Dimension of Package (WxHxD)		mm	981×375×275	981×375×275
Weight Netto		kg	10,4	10,4
Weight Brutto		kg	13,2	13,2
Air Flow Volume		m ³ /h	820/750/700/640/600/540/500	820/750/700/640/600/540/500
Sound Pressure 1m Distance		dB (A)	46/42/39/36/33/30/28	46/42/39/36/33/30/28
Sound Power		dB (A)	56/50/45/42/39/36/33	56/50/45/42/39/36/33
Communication Cable		mm ²	4×0,75	4×0,75
Refrigerant Pipe		inch/mm	64	64

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

NØRDIS Orion Evo



Model			OE09TC1	OE12TC1	OE18TC1	OE24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	2,61 (0,94-3,70)	3,52 (1,00-4,60)	5,2 (1,25-5,9)	7,0 (1,8-7,8)
	Heating	kW	3,32 (0,94-4,00)	3,86 (1,00-4,90)	5,50 (1,25-6,69)	7,10 (1,85-7,96)
Wi-Fi		+/-	+	+	+	+
Indoor Unit						
Dimensions (WxHxD)		mm	820×306×195	820×306×195	920×306×195	1100×333×222
Dimension of Package (WxHxD)		mm	890×380×265	890×380×265	990×380×265	1165×405×295
Weight Netto		kg	9	9	10	11
Weight Brutto		kg	11	11	13	17
Air Flow Volume		m ³ /h	680/650/610/ 570/540/500/460	680/650/610/ 570/540/500/460	900/810/760/700/ 650/590/530	1150/1070/1010/ 940/890/830/750
Sound Pressure 1m Distance		dB (A)	44/41/37/ 34/29/25/19	44/41/37/ 34/29/25/19	47/42/40/ 38/36/34/32	50/44/40/ 37/34/30/26
Sound Power		dB (A)	54/50/47/ 44/39/35/29	54/50/47/ 44/39/35/29	57/52/50/48/ 46/44/42	60/54/50/ 47/44/40/36
Communication Cable		mm ²	4×0,75	4×0,75	4×0,75	4×0,75
Refrigerant Pipe		inch/mm	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-1/2"/ (Ø6,35-Ø12,70)	1/4"-1/2"/ (Ø6,35-Ø12,70)

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

NØRDIS Lyra



Model			L09TC1	L12TC1	L18TC1	L24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	2,62 (0,94-3,30)	3,520 (0,6-3,75)	5,140 (1,25-5,91)	7,02 (1,83-8,00)
	Heating	kW	2,70 (1,0-3,81)	3,57 (0,6-3,90)	5,21 (1,25-6,07)	7,12 (1,85-8,0)
Wi-Fi		+/-	+*	+*	+*	+*
Indoor Unit						
Dimensions (WxHxD)		mm	778×272×192	778×272×192	910×305×195	1005×321,5×220
Dimension of Package (WxHxD)		mm	840×335×255	840×335×255	979×380×265	1096×390×297
Weight Netto		kg	7,3	8,5	9	12
Weight Brutto		kg	9,5	10,5	11	14
Air Flow Volume		m ³ /h	550/520/490/ 450/410/370/330	550/520/470/ 440/410/390/350	800/760/690/ 630/580/540/440	1000/950/880/ 780/730/680/570
Sound Pressure 1m Distance		dB (A)	42/38/36/32/30/26/22	44/40/38/35/31/27/22	47/43/40/37/34/31/27	52/48/44/42/40/35/30
Sound Power		dB (A)	53/49/46/43/39/35/32	54/50/47/44/40/36/32	56/53/50/47/44/41/37	62/59/53/49/47/44/40
Communication Cable		mm ²	4×0,75	4×0,75	4×0,75	4×0,75
Refrigerant Pipe		inch/mm	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-1/2" (Ø6,35-Ø12,70)

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

NØRDIS Sirius



Model			S09TC1	S12TC1	S18TC1	S24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	2,6 (0,94-3,30)	3,4 (1,00-3,77)	5,1 (1,25-5,91)	6,8 (1,83-7,80)
	Heating	kW	2,61 (0,94-3,36)	3,42 (1,00-3,81)	5,10 (1,25-6,07)	6,87 (1,85-7,90)
Wi-Fi*		+/-	+*	+*	+*	+*
Indoor Unit						
Dimensions (WxHxD)		mm	698×255×190	777×250×201	910×294×206	1010×315×220
Dimension of Package (WxHxD)		mm	764×325×257	840×315×260	979×372×277	1096×390×297
Weight Netto		kg	6,5	7,5	10	13
Weight Brutto		kg	8,5	10	13	16
Air Flow Volume		m ³ /h	420	550	800	980
Sound Pressure 1m Distance		dB (A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Sound Power		dB (A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Communication Cable		mm ²	4×0,75	4×0,75	4×0,75	4×0,75
Refrigerant Pipe		col/mm	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-1/2"/ (Ø6,35-Ø12)

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

NØRDIS FMA series

MULTI SPLIT TYPE CASSETTE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



EIGHT-WAY SWING

comfortable air is delivered to every corner. The uniform air supply reduces temperature differences and keeps the indoor environment consistently comfortable.



EASY FILTER CLEANING

the filter is very easy to disassemble and clean, keeping the air healthy all the time.



QUIET OPERATION

air circuit design and 3D fan blade selection, increase the unit airflow and reduce operating noise, which can be as low as 34dB.



"I FEEL" TECHNOLOGY

for smart temperature control.



WIDE RANGE OF SWING ANGLE

large louver swing angle, ranges from 0-85°, sends soft air to any corner of the room easily.



FOR SMART CONTROL

connect the device with one click to turn on.



+8 °C FUNCTION

for maintaining a constant temperature in non-permanent living spaces.

Model			FMA-12CRD/DVI	FMA-18CRD/DVI
Power supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	3,51	5,27
	Power Input	W	37	40
	Rated Current	A	0,17	0,18
Heating	Capacity	kW	3,95	5,74
	Power Input	W	37	40
	Rated Current	A	0,17	0,18
Indoor sound pressure(S/H/M/L/Mute)		dB (A)	42/40/38/36/44/30/27	46/43/40/38/36/32/28
Air Flow Volume		m³/h	650	750
Connecting Pipe	Liquid	Inches	1/4"	1/4"
	Gas	Inches	3/8"	3/8"
	Maximum length for each indoor unit	m	25	25
	Maximum height difference	m	15	15
	Track Length without Additional Refrigerant	m/indoor unit	5	5
	Extra weight charge	g/m	15	15
Dimensions (WxHxD)	Indoor	mm	570x570x245	570x570x245
Dimension of Package (WxHxD)	Indoor	mm	718x657x301	718x657x301
Weight Netto	Indoor	kg	2,7	2,7
Weight Brutto	Indoor	kg	4,25	4,25

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

NØRDIS FMA series

MULTI SPLIT TYPE DUCT AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



200MM ULTRA-THIN DESIGN

the 200 mm ultra-thin body is ideal for concealed installation, significantly reducing the required installation space and allowing it to blend with various interior design styles.



RESERVED FRESH AIR DUCT

maximum intake of 15% of fresh air volume make indoor air healthier and more comfortable.



WIDE RANGE OF STATIC PRESSURE

static pressure can reach 120Pa. Duct can be connected for providing comfortable flow to multiple areas.



"I FEEL" TECHNOLOGY

for smart temperature control.



QUIET OPERATION

high efficiency DC fan motor and optimised air duct design enables 35dB quiet operation.



*ADDITIONAL MODULE FOR REMOTE CONTROL

remote control requires additional Wi-Fi module integration. For purchasing the additional Wi-Fi module, please contact NØRDIS sales representatives.



+8 °C FUNCTION

for maintaining a constant temperature in non-permanent living spaces.

The Wi-Fi module allows you to control the air conditioner using a smartphone (OS: Android, iOS). With the app, you can remotely turn the air conditioner – heat pump on and off, manage its functions, and schedule its operation anytime, anywhere.

Model			FMA-09DRD/DVI	FMA-12DRD/DVI	FMA-18DRD/DVI
Power supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,63	3,51	5,27
	Power Input	W	35	35	48
	Rated Current	A	0,16	0,16	0,21
Heating	Capacity	kW	2,78	3,95	5,74
	Power Input	W	35	35	48
	Rated Current	A	0,16	0,16	0,21
Indoor sound pressure (S/H/M/L/Mute)		dB (A)	43/41/39/37/34/30/27	43/41/39/37/34/30/27	46/43/40/38/36/32/28
Indoor sound power (S/H/M/L/Mute)		dB (A)	55/52/49/47/44/40/37	55/52/49/47/44/40/37	56/53/50/48/46/42/38
Air Flow Volume		m ³ /h	600	600	850
Connecting Pipe	Liquid	Inches	1/4"	1/4"	1/4"
	Gas	Inches	3/8"	3/8"	3/8"
	Maximum length for each indoor unit	m	25	25	25
	Maximum height difference	m	15	15	15
	Track Length without Additional Refrigerant	m/indoor unit	5	5	5
	Extra weight charge	g/m	15	15	15
Dimensions (WxHxD)	Indoor	mm	700×490×200	700×490×200	920×490×200
Dimension of Package (WxHxD)	Indoor	mm	900×555×250	900×555×250	1120×555×250
Weight Netto	Indoor	kg	15	15	18
Weight Brutto (excluding wire control)	Indoor	kg	18	18	21

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

NØRDIS FMA series

MULTI SPLIT TYPE CONSOLE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



7-FAN SPEED
7 fan speeds are available in the console unit: (mute/low/low-mid/mid/mid-high/high/turbo).

TOP & BOTTOM AIR FLOW
The unit can provide both top and bottom air supply to users, provide excellent air flow comfort in both cooling & heating modes.

LOW NOISE DESIGN
Air circuit design and 3D fan blade selection, increase the unit airflow and reduce operating noise, which can be as low as 34dB.

EASY-WASHABLE FILTER
The grill and filter are easy to be removed, which is easy for cleaning.

+8 °C FUNCTION
for maintaining a constant temperature in non-permanent living spaces

"I FEEL" TECHNOLOGY
for smart temperature control

Model			FMA-09CON/DVI	FMA-12CON/DVI	FMA-18CON/DVI
Power supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,63	3,51	5,27
	Power Input	W	35	37	48
	Rated Current	A	0,15	0,17	0,21
Heating	Capacity	kW	2,78	3,95	5,74
	Power Input	W	35	37	48
	Rated Current	A	0,15	0,17	0,21
Indoor sound pressure (S/H/M/L/Mute)		dB (A)	44/42/39/36/ 33/30/27	44/42/39/36/ 33/30/27	46/43/40/38/ 36/32/28
Air Flow Volume		m ³ /h	650	650	800
Connecting Pipe	Liquid	Inches	1/4"	1/4"	1/4"
	Gas	Inches	3/8"	3/8"	3/8"
	Maximum length for each indoor unit	m	25	25	25
	Maximum height difference	m	15	15	15
	Track Length without Additional Refrigerant	m/indoor unit	5	5	5
	Extra weight charge	g/m	15	15	15
Dimensions (WxHxD)	Indoor	mm	700×600×215	700×600×215	700×600×215
Dimension of Package (WxHxD)	Indoor	mm	775×725×280	775×725×280	775×725×280
Weight Netto	Indoor	kg	14,5		
Weight Brutto (excluding wire control)	Indoor	kg	16,5		

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



Air Conditioners Air-to-Air Heat Pumps

COMMERCIAL PREMISES AND PUBLIC SPACES

Floor-Ceiling Air Conditioners

R32

Inverter air conditioners for small offices, public spaces, hotel rooms, classrooms and auditoriums, apartments, etc.

6 MODELS

- Power range from 5,28 to 15,83 kW



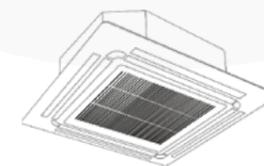
Four-Way Cassette Air Conditioners

R32

Inverter air conditioners for restaurants, shops, small offices, public spaces, libraries, apartments, and more.

9 MODELS

- Power from 3,52 to 15,24 kW



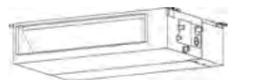
Ducted Air Conditioners

R32

Inverter air conditioners for restaurants, shops, small offices, public spaces, classrooms and auditoriums, apartments, etc.

6 MODELS

- Power from 5,28 to 14,07 kW





Air Conditioners Air-to-Air Heat Pumps

INNOVATIVE TECHNOLOGY SOLUTIONS

NØRDIS light commercial air conditioners are advanced systems designed to deliver optimal performance, low noise levels, and easy installation and maintenance. They are ideal for both residential and commercial environments where efficient heating or cooling is required.

With their modern design and advanced technological solutions, NØRDIS light commercial air conditioners not only ensure superior comfort but also outstanding energy efficiency, supporting sustainable energy use.

Full DC Inverter System

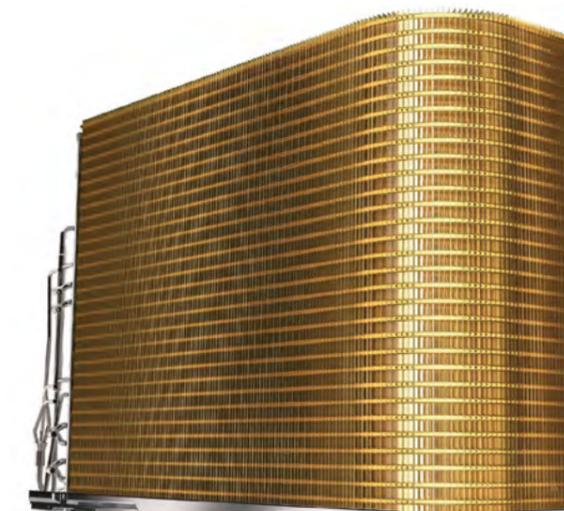
By precisely receiving and processing temperature data signals, the Alpha chip can optimize performance in two ways. On one hand, it instructs the inverter compressor and the two DC fan motors to operate in the most suitable mode for the actual cooling or heating demand, thereby reducing energy waste. On the other hand, it supplies the exact amount of electricity required by the two fan motors in sync with the compressor's operation.

This dynamic power regulation ensures a constant system balance, allowing the air conditioner to deliver powerful, efficient, and stable performance even during extended periods of operation.



Golden Fin

The system takes into account not only conventional factors, but also air resistance and the temperature difference between the outdoor air and the heat exchanger to determine the defrosting operation. A more precise defrosting frequency prevents unnecessary defrosting, allowing users to benefit from reduced energy waste and longer, uninterrupted heating.



Fan with bionic blades and improved air duct

Bionic blade design, inspired by nature, reduces air resistance and noise—while the optimised air duct cuts energy use by 30% without compromising airflow.



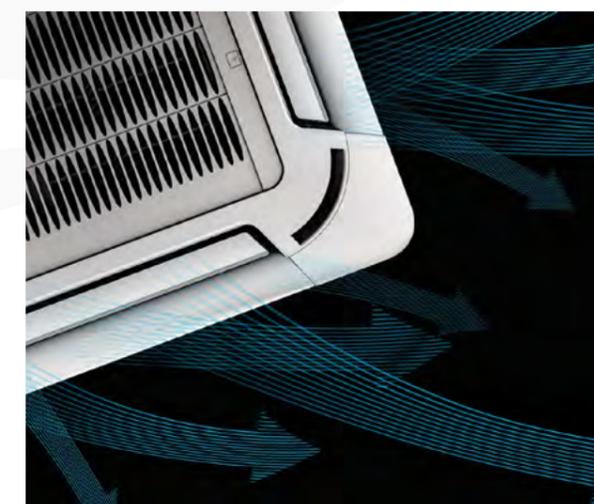
Twin-Rotary Compressor

With its 180° symmetrical balance, the Twin-Rotary compressor guarantees smoother performance, lower vibrations, and quieter operation.

Low-Noise Technology

The bionic fan blade design is inspired by a nocturnal animal—the owl—whose wings feature optimal aerodynamic performance and natural noise-reduction characteristics. By imitating part of the owl's wing structure, the fan blade design ensures a stable airflow, increasing air volume while minimizing noise.

The Twin-Rotary compressor system operates with a perfectly symmetrical 180° balance, ensuring low vibrations and quiet performance thanks to reduced torque.





NØRDIS Floor-Ceiling Air Conditioners

SPLIT TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



Flexible Installation and Versatile Design

NØRDIS air conditioners NIF-NOA can be installed in two ways – as a floor or ceiling unit.

With its compact design and minimalist appearance, it adapts not only to a wide range of installation conditions, but also to a wide range of interiors.



3D Airflow

The unit features both horizontal swing and automatic vertical swing, delivering a more even and comfortable airflow.

Built-in Drain Pump

The drain pump can lift condensate water up to 750 mm, making drainage pipe installation convenient in most conditions.



Clean, Fresh Air

Fresh outdoor air can be introduced into the room through a connection duct, keeping the indoor air fresh and healthy.

Easy Maintenance

Over 60% of parts and components (such as fan wheels, plastic housings, metal parts, etc.) are universal across 3 different structures, making production and maintenance much easier.

NØRDIS Floor-Ceiling Air Conditioners Technical Data

Model			NIF-NOA 18	NIF-NOA 24	NIF-NOA 36	NIF-NOA 36-3	NIF-NOA 48-3	NIF-NOA 55-3
Cooling	Capacity	kW	5,28 (2,71-5,86)	7,03 (3,22-7,77)	10,55 (2,73-11,43)	10,55 (2,73-11,78)	14,07 (3,52-15,24)	15,83 (4,10-16,71)
	Electricity Consumption	W	1450 (670-2027)	2300 (747-2930)	3900 (900-4250)	4000 (890-4300)	5000 (900-5950)	5650 (1100-6650)
	Power Current	A	6,0 (3,2-9)	10,54 (3,9-13,1)	17,0 (4,2-19,0)	6,30 (1,4-6,80)	8,8 (1,9-10,3)	9,7 (3,2-11,5)
	SEER		6,2	6,1	6,2	6,4	6,1	6,1
	EER		3,64	3,3	3,25	3,30	3,29	3,36
Heating	Capacity	kW	5,57 (2,42-6,30)	7,62 (2,72-8,29)	11,72 (2,78-12,78)	11,72 (2,81-12,78)	16,12 (4,10-17,00)	18,17 (4,40-19,64)
	Electricity Consumption	W	1500 (540-1640)	2050 (650-2850)	3350 (800-3950)	3350 (780-3950)	5100 (1000-6050)	6050 (1050-7100)
	Power Current	A	6,6 (2,7-7,3)	9,5 (3,5-12,7)	15,0 (3,5-17,5)	5,40 (1,3-6,20)	8,9 (2,1-10,5)	10,5 (2,2-12)
	SCOP		5,1	5,1	5,1	5,1	5,1	5,1
	COP		3,71	3,72	3,80	3,87	3,75	3,73
Energy Class			A++/A+					
Indoor Unit	Power Supply	V/F/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
	Dimension (WxHxD)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Dimension of Package (LxWxH)	mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
	Weight Netto/Bruto	kg	28/33,3	28/33,1	41,5/48	41,5/48	41,7/48,5	42,3/49,2
	Air Flow Volume	m ³ /h	958/839/723	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2200/1950/1650
	Sound Pressure Level	dB (A)	43,5/41/36,5/24	49/46/43/32	50/48,5/44/37	51/47,5/44,5/39	53/50/45/36	54/50,5/46,5/38
Outdoor Unit	Power Supply	V, Hz, F	220-240~/1/50	220-240~/1/50	220-240~/1/50	380-415~/3/50	380-415~/3/50	380-415~/3/50
	Dimension (WxHxD)	mm	765x303x555	890x342x673	890x342x673	946x410x810	980x415x975	980x415x975
	Dimension of Package (LxWxH)	mm	887x337x610	995x398x740	995x398x740	1090x500x885	1145x500x1080	1145x500x1080
	Weight Netto/Bruto	Kg	26,6/29	41,9/45,2	43,9/46,9	52,8/57,3	90/105	92/107
	Max. Air Flow Volume	m ³ /h	2200	3500	3500	3800	5600	5600
	Sound power	dB (A)	65	69	68	70	73	74
Refrigerant Liquid	Refrigerant Charge R32	kg	0,72	1,15	1,5	2	2,4	2,4
	GWP		675	675	675	675	675	675
	Additional Refrigerant	g/m	12	24	24	24	24	24
Connection Pipe	Pipe Diameters	mm(in)	6,35 (1/4)/9,52 (3/8)	9,52(3/8)/15,88(5/8)	9,52 (3/8)/15,88 (5/8)	9,52 (3/8)/15,88 (5/8)	9,52 (3/8)/15,88 (5/8)	9,52 (3/8)/15,88 (5/8)
	Max. Distance Length	m	25	30	50	50	75	75
	Max. Elevation	m	10	20	25	25	30	30
Power Cable	Power Cable	mm ²	3x1,5	3x2,5	3x4,0	5x2,5	5x2,5	5x2,5
	Automatic Switch	A	16	25	32	16	20	20
	Communication Cable	mm ²	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0
Operation Temperature Range	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-20~24	-20~24

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.



NØRDIS Four-Way Cassette Air Conditioners

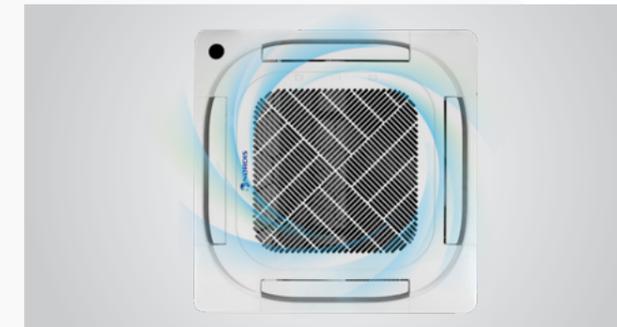
SPLIT TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



Wide Air Distribution and Versatile Design

The NØRDIS NIC-NOA air conditioner models distribute the air over a wide 360° range, making them ideal for use in large spaces.

The range of cassette air conditioners offers a wide choice of sizes and capacities, including compact yet powerful models that fit well in even the most delicate interiors.



CoolSurround 360°

The unique seamless air outlet blade design, combined with the DC fan motor, allows cool air to spread and flow downward in all directions at 360°, delivering a uniform cooling experience throughout the entire space.

Memory Function for Louver Position

The louvers automatically return to their previous position when you restart the air conditioner, letting you enjoy your preferred cooling settings every time you switch it on.



Designed for Easy Installation

The ergonomically curved metal hook makes it easier to carry and lift the unit. The conveniently positioned water pump and pipe-connection installation method significantly reduce the steps required during installation.

Built-in Drain Pump

The drain pump can lift condensate water up to 750 mm, making drainage pipe installation convenient in most conditions. It is suitable for grid ceilings and offers a high degree of installation flexibility, allowing it to be placed alongside lights and ventilation openings.

NØRDIS Cassette Air Conditioners Technical Data

Model			NIC-NOA 12	NIC-NOA 18	NIC-NOA 24	NIC-NOA 30	NIC-NOA 36	NIC-NOA 36-3	NIC-NOA 42	NIC-NOA 48-3	NIC-NOA 55-3
Cooling	Capacity	kW	3,52 (0,85-4,11)	5,28 (2,90-5,59)	7,03 (3,30-7,91)	8,79 (2,23-9,38)	10,55 (2,70-11,43)	10,55 (2,70-11,43)	12,02 (2,93-12,31)	14,07 (3,52-15,83)	15,24 (4,10-16,71)
	Electricity Consumption	W	1010 (168-1434)	1633 (720-2088)	2320 (780-2748)	2750 (190-3000)	3950 (900-4200)	4000 (890-4150)	4200 (680-4350)	4650 (800-5900)	5000 (980-6200)
	Power Current	A	4,45 (1,32-6,31)	7,2 (3,2-9,2)	10,2 (4,2-12)	12,0 (2,0-13,0)	17,5 (4,2-18,5)	6,5 (1,4-6,5)	18,8 (3,1-19,1)	8,1 (1,8-10,2)	8,6 (2,1-10,7)
	SEER		6,6	6,3	6,2	6,6	6,7	6,4	6,1	6,1	6,3
	EER		3,47	3,40	3,28	3,54	3,33	3,29	3,29	3,26	3,26
Heating	Capacity	kW	3,81 (0,47-4,31)	5,57 (2,37-6,10)	7,62 (2,81-8,94)	9,38 (2,70-9,73)	11,14 (2,78-12,30)	11,14 (2,78-12,66)	13,48 (3,37-14,07)	16,12 (4,10-17,29)	18,17 (4,40-19,93)
	Electricity Consumption	W	1019 (124-1376)	1540 (700-1930)	1900 (610-2700)	2450 (430-2550)	3000 (800-3950)	3000 (780-4000)	3700 (750-4250)	4580 (900-5500)	5550 (1020-6700)
	Power Current	A	4,73 (1,04-6,07)	6,8 (3,1-8,5)	8,5 (3,6-12,1)	11,0 (3,0-11,5)	13,5 (3,5-17,5)	5,0 (1,3-6,4)	16,3 (3,4-19)	8,0 (1,9-9,5)	9,6 (2,1-10,7)
	SCOP		4,1	4,0	4,0	4,2	4,0	4,0	4,0	4,0	4,0
	COP		3,74	3,57	4,01	3,83	3,71	3,71	3,88	3,73	3,76
Energy Class			A++/A+								
Indoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
	Dimension (WxHxD)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x245	830x830x245	830x830x287	830x830x287	830x830x287
	Dimension of Package (LxWxH)	mm	662x662x317	662x662x317	910x910x250	910x910x290	910x910x290	910x910x290	910x910x330	910x910x330	910x910x330
	Panel Dimensions (WxDxH)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Dimension of Panel Package (LxWxH)	mm	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Weight Netto/Bruto	kg	16,3/20,4	16/20,6	21,6/25,4	24,6/28,6	27,2/31,2	27,2/31,2	29,3/33,5	29,3/33,5	29,3/33,5
	Panel Weight Netto/Bruto	kg	2,5/4,5	2,5/4,5	6/9	6/9	6/9	6/9	6/9	6/9	6/9
	Air Flow Volume	m³/h	620/510/420	720/620/500	1300/1140/1000	1720/1550/1400	1700/1550/1380	1800/1600/1400	1900/1750/1600	1970/1780/1580	2000/1850/1650
	Sound Pressure Level	dB (A)	41/36/33/25,5	43/39,5/35,5/29	45,5/42,5/39,5/27	49,5/47/44/38,5	50/47,5/44,5/39	50/47,5/44,5/39	51/48,5/46/38	51/48,5/46,5/37,5	53/50,5/48/40
	Wi-Fi		Purchased separately			Integrated					
Outdoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	380-415~/3/50	220-240~/1/50	380-415~/3/50	380-415~/3/50
	Dimension (WxHxD)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	946x410x810	980x415x975	980x415x975
	Dimension of Package (LxWxH)	mm	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885	1090x500x885	1145x500x1080	1145x500x1080
	Weight Netto/Bruto	kg	26,6/29	32,5/35,2	41,9/45,2	51/55,7	80,5/85	66,9/71,5	71,0/75,0	90/105	92/107
	Max. Air Flow Volume	m³/h	2200	2100	3500	3800	4000	4000	4000	5600	5600
	Sound Power	dB (A)	60	63	69	70	70	70	71	73	74
	Refrigerant Charge R32	kg	0,72	1,15	1,5	2,0	2,4	2,4	2,8	2,9	3,0
GWP		675	675	675	675	675	675	675	675	675	
Additional Refrigerant	g/m	12	12	24	24	24	24	24	24	24	
Connection Pipe	Pipe Diameters	mm(in)	6,35(1/4)/9,52(3/8)	6,35(1/4)/12,7(1/2)	9,52 (3/8)/15,9 (5/8)	9,52(3/8)/15,88(5/8)	9,52(3/8)/15,88(5/8)	9,52(3/8)/15,88(5/8)	9,52(3/8)/15,88(5/8)	9,52(3/8)/15,88(5/8)	9,52(3/8)/15,88(5/8)
	Max. Distance Length	m	25	30	50	50	75	75	75	75	75
	Max. Elevation	m	10	20	25	25	30	30	30	30	30
Power Cable	Power Cable	mm²	3x1,5	3x1,5	3x2,5	3x2,5	3x4,0	5x2,5	3x4,0	5x2,5	5x2,5
	Automatic Switch	A	16	16	25	25	32	16	32	20	20
	Communication Cable	mm²	4x1,0	4x1,0	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Operation Temperature Range	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.



NØRDIS Ducted Air Conditioners

SPLIT TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



Wide Air Distribution and Versatile Design

NØRDIS NID-NOA air conditioner models can be conveniently installed in narrow spaces, beams or ceilings. High static pressure ducted air conditioner models guarantee maximum comfort in large spaces.

The air intake of the indoor unit can be connected to either the rear or the bottom of the unit, making it easily adaptable to any building and room.



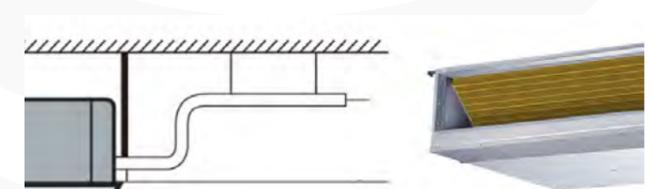
22% smaller

Lightweight and Compact Design

With nearly 20% less weight and 12.5% smaller dimensions compared to conventional units, the A6 duct makes installation significantly easier and faster, while also providing more space for maintenance.

Up to 160Pa High Static Pressure

With the new eccentric fan motor, the Nid-Noa ducted unit can be installed in various applications requiring high static pressure of up to 160Pa.



Built-in Drain Pump

The drain pump can lift condensate water up to 750 mm, making drainage pipe installation convenient in most conditions. In addition, it allows component replacement from the side where maintenance is easier.

PrimeGuard Coating for Lasting Performance

The exclusive golden anti-corrosion coating on the heat exchangers is designed to withstand salty air, rain, and other corrosive elements. In addition, it effectively prevents bacterial growth and enhances thermal efficiency.

NØRDIS Ducted Air Conditioners Technical Data

Model			NID-NOA 18	NID-NOA 24	NID-NOA 30	NID-NOA 36	NID-NOA 36-3	NID-NOA 48-3
Cooling	Capacity	kW	5,28 (2,55-5,86)	7,09 (3,23-7,92)	7,03 (3,28-8,16)	10,55 (2,75-11,73)	10,55 (2,73-11,78)	14,07 (3,52-15,53)
	Electricity Consumption	W	1530 (710-2150)	2280 (750-2860)	2500 (190-3050)	3950 (900-4300)	4000 (890-4200)	4800 (880-6000)
	Power Current	A	7,1 (3,2-9,56)	10 (4,2-12,6)	10,2 (4,2-13,2)	17,5 (4,2-19)	6,5 (1,4-6,7)	8,4 (1,9-10,4)
	SEER		6,5	6,6	6,5	6,3	6,1	6,1
	EER		3,45	3,11	2,81	2,67	2,64	2,93
Heating	Capacity	kW	5,57 (2,20-6,15)	8,0(2,79-8,56)	9,38 (2,70-10,02)	11,72(2,78-12,61)	11,72 (2,78-12,84)	16,12 (4,10-18,17)
	Electricity Consumption	W	1510 (740-1760)	2000 (640-2500)	2250 (430-2450)	3250 (800-3950)	3250 (780-4000)	4500 (950-5700)
	Power Current	A	7,1 (3,2-9,56)	9 (3,8-11)	11,0 (2,0-13,5)	14,5 (3,5-17,5)	6,5 (1,4-6,7)	8,4 (1,9-10,4)
	SCOP		4	5,6	4	4,1	4,0	4
	COP		3,69	4	4,17	3,61	3,61	3,58
Energy Class			A++/A+					
Indoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
	Dimension (WxHxD)	mm	880x674x210	1000x750x245	1360x774x249	1200x750x245	1360x774x249	1200x874x300
	Dimension of Package (LxWxH)	mm	1070x725x280	1225x860x304	1570x805x330	1425x860x304	1570x805x330	1405x915x365
	Weight Netto/Bruto	kg	24,4/29,6	31,8/37,2	40,5/48,3	38,4/44,4	40,5/48,2	47,6/55,8
	Air Flow Volume	m³/h	911/706,3/515,2	1200/1000/700	2100/1800/1500	1700/1400/1100	2100/1800/1500	2400/2040/1680
	Sound Pressure Level	dB (A)	41/38/34/26	33,5/32,5/31	50/46,5/45/40,5	38/36/33	49,5/48/46/42,5	50/49/47/42
Outdoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	380-415~/3/50	380-415~/3/50
	Dimension (WxHxD)	mm	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	980x415x975
	Dimension of Package (LxWxH)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885	1145x500x1080
	Weight Netto/Bruto	Kg	32,5/35,2	41,9/45,2	51/55,7	80,5/85	66,9/71,5	90/105
	Max. Air Flow Volume	m³/h	2100	3500	3800	4000	4000	5600
	Sound Power	dB (A)	65	69	70	70	70	73
Refrigerant Liquid	Refrigerant Charge R32	kg	1,15	1,4	1,8	2,4	2,4	2,9
	GWP		675	675	675	675	675	675
	Additional Refrigerant	g/m	12	24	24	24	24	24
Connection Pipe	Pipe Diameters	mm(in)	6,35 (1/4)/12,7 (1/2)	9,52 (3/8)/15,9 (5/8)	9,52 (3/8)/15,9 (5/8)	9,52 (3/8)/15,88 (5/8)	9,52 (3/8)/15,88 (5/8)	9,52 (3/8)/15,9 (5/8)
	Max. Distance Length	m	30	50	50	75	75	75
	Max. Elevation	m	20	25	25	30	30	30
Power Cable	Power Cable	mm²	3x1,5	3x2,5	3x2,5	3x4,0	5x2,5	5x2,5
	Automatic Switch	A	16	25	25	32	16	20
	Communication Cable	mm²	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0
Operation Temperature Range	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.



HEAT PUMPS FOR DOMESTIC HOT WATER



Air-to-water heat pumps FOR DOMESTIC HOT WATER

The NØRDIS TOR series 200 L and 300 L heat pump water heaters are designed for highly efficient domestic hot water production. They use environmentally friendly R290 refrigerant with a very low GWP of 3. The storage tank is made from Duplex 2205 stainless steel, ensuring exceptional corrosion resistance and long service life.

NØRDIS Tor Series Air-to-Water Heat Pumps for Domestic Hot Water

The unit features built-in Wi-Fi control, allowing full management through a smart app. A modern LCD touch display offers intuitive operation and real-time system information. The TOR series is compatible with solar thermal systems and photovoltaic energy, maximizing the use of free renewable energy. Additional safety and comfort functions—such as anti-legionella, antifreeze protection, and self-diagnostics—ensure reliable and safe performance.

NØRDIS Tor

HEAT PUMPS FOR DOMESTIC HOT WATER

NØRDIS Tor features a durable DUPLEX 2205 stainless steel tank, ensuring high corrosion resistance and long service life. The unit uses eco-friendly R290 refrigerant with an extremely low global warming potential. Built-in Wi-Fi and an intuitive touchscreen allow easy control via a mobile app. Smart functions such as timer settings, holiday mode, and hot water maintenance optimize energy efficiency. Additionally, the system is ready for integration with smart grids and building management systems (BMS).



DUPLEX 2205 stainless steel
duplex stainless steel 2205 is an excellent choice for domestic hot water storage thanks to its high resistance to corrosion, particularly stress corrosion cracking, and its robustness.

R290 Eco-friendly R290 refrigerant
it has zero ozone depletion potential and an extremely low global warming potential (GWP 3).

SG-Ready
the control technology can respond to external control signals from the network.

Vacation mode
it operates in heating mode and/or DHW mode, maintaining a minimum water temperature.

ModBus
seamless integration with Building Management Systems (BMS) for smart buildings.

For smart control
built-in Wi-Fi for app management.

Easy to use touchscreen
easy-to-use screen supports advanced features.

Timer setting
it operates automatically based on usage habits.

Control of electric heaters
smart and economical electric heater control.

Hot water maintenance
timer and priority hot water control with a disinfection function.

Unit Model		TOR/200S	TOR/300S
Nominal Heating Capacity ¹	kW	1,6	
Tank Capacity	l	200	300
Load profile ²		L	XL
Ambient temperature DB7°C / WB6°C			
Heating Capacity ³	kW	1,25	1,27
Heating Time ³	h	6,4	99
COP	W/W	3,35	3,39
Water Heating Energy Efficiency	%	138,9	138,4
Energy Class		A+	
Standby Power Input	W	23	27
Ambient temperature DB20°C / WB15°C			
Heating Capacity ³	kW	1,56	1,58
Heating Time ³	H	5	8
COP	W/W	4,03	4,09
Water Heating Energy Efficiency	%	167,6	168,5
Energy Class		A++	
Standby Power Input	W	19	24
Max Water Temperature (without using backup heater)			
	°C	65	
Max Water Temperature	°C	75	
Temperature Setting Range	°C	10-75	
Working Ambient Temperature	°C	-7 - +43°C	
Rated Water Yield ¹	l / h	34,4	
Power Supply			
	V/Ph/Hz	220-240/1/50	
Rated Power	W	2300	
Rated Current	A	3,05 + 6,8 (electric heater)	
Electric Heater Power	kW	1,5	
Sound Power Level ⁴			
	dB (A)	52,5	53
Sound Pressure at 1m	dB (A)	36	36
Protection level		IPX1	
Unit Dimensions	mm	Ø560x1750	Ø640x1850
Packaging Dimensions	mm	629x629x1892	695x695x1989
Net Weight	kg	72	87
Gross Weight	kg	86	105

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



HEAT PUMPS AIR-TO-WATER



Air-to-water heat pumps

Air-to-water heat pumps, known for their high eco-friendliness and efficiency, are increasingly becoming the main equipment for maintaining a comfortable home climate.

NØRDIS continuously improves and expands its high-quality heat pump range. The product lineup includes two air-to water heat pump series: Ultima and Optimus Pro. These modern systems effectively heat, cool, and provide hot water, working successfully even at -25°C temperatures. As a result, the equipment is well-suited to the climate conditions of northern countries.

NØRDIS Ultima Series Air-to-Water Heat Pumps

The most advanced NØRDIS air-to-water heat pump series, utilizing the eco-friendly R290 refrigerant, which has minimal negative impact on the environment. These units feature high efficiency and can maintain water temperatures up to 75°C , making them suitable for less energy efficient homes. The modern design with a color touchscreen and versatility, allowing them to be used in both new and renovated buildings, makes the NØRDIS Ultima series attractive and effective.

NØRDIS Optimus Pro Series Air-to-Water Heat Pumps

The versatile heat pumps feature high efficiency, durability, and convenient control. The most compact model of the series, the monoblock, allows for easy integration of the unit, saving space in utility rooms. It is perfect for heating, cooling, and hot water production in both new and renovated buildings. The heat pump system is compatible with underfloor heating, radiator, fan coil. The Optimus Pro series heat pumps use the R32 refrigerant.



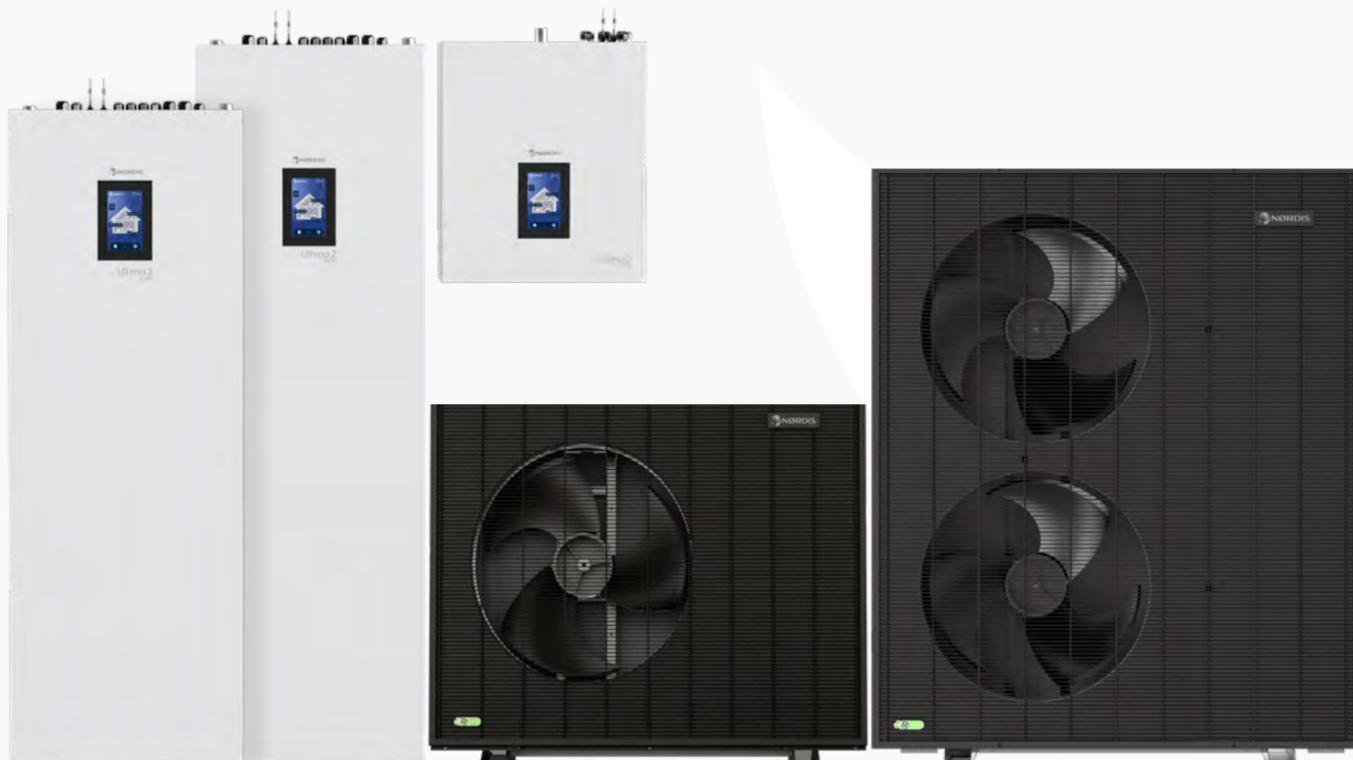
Ultima 2

SERIES

Ultima 2 – at the peak of efficiency

NØRDIS Ultima 2 is a next-generation air-to-water heat pump designed to deliver outstanding efficiency, reliability, and modern aesthetics. Built to meet the highest energy performance standards, the Ultima 2 series achieves an impressive A+++/A+++ energy efficiency class, ensuring maximum comfort with minimal energy consumption and reduced environmental impact.

R290 99.6% lower carbon dioxide emissions compared to R32.



FEATURES

- A+++/ A+++**
ENERGY EFFICIENCY CLASS
 Inverter technology provides the highest A+++/A+++ energy rating.
- R290**
ECO-FRIENDLY R290 REFRIGERANT
 It has zero ozone depletion potential and an extremely low global warming potential (GWP 3).
- NEW DESIGN**
 A refreshed, modern appearance – the outdoor unit design seamlessly matches the style of the indoor units.
- SMART CONTROL**
 A 7-inch easy-to-use color touchscreen supports advanced features.
- SG-READY**
 The control technology can respond to external control signals from the network.
- TIMER SETTING**
 It operates automatically based on usage habits.
- SILENT MODE**
 Quiet operation guarantees a peaceful environment and quality sleep.
- CONTROL OF ELECTRIC HEATERS**
 Smart and economical two-stage electric heater control.
- VACATION MODE**
 It operates in heating mode and/or DHW mode, maintaining a minimum water temperature.
- SMART DEFROSTING**
 The algorithms take into account the ambient temperature, heat exchanger temperature, and defrosting time.
- REAL-TIME COP**
 View energy consumption and COP values in real-time.
- HOT WATER MAINTENANCE**
 Timer and priority hot water control with a disinfection function.
- HEATING/COOLING CURVES**
 For economical operation.
- WIDE RANGE OF UNITS**
 Wide range of indoor and outdoor units
- CASCADE OPERATION**
 One control panel manages up to 15 units in a single cascade system.
- UPS**
 Dedicated UPS terminals
- MODBUS**
 Seamless integration with Building Management Systems (BMS) for smart buildings.
- KEYMARK CERTIFIED**
 Supports the quality and performance of heat pumps on the European market

SAFETY FEATURES

Leak Protection System

To ensure CE compliance and user safety, the heat pump system using the flammable R290 refrigerant strictly limits its amount in indoor spaces. This requirement ensures that even in the case of an unexpected leak, no explosive gas concentrations will form indoors. NØRDIS Ultima heat pumps are equipped with three independent safety systems that mechanically prevent gas leakage and provide the highest level of safety.

System Operation:

Upon a refrigerant leak to water system, the safety valve and gas separator automatically release the leaked refrigerant from the system.

Key System Safety Components



Pressure release valve 1

When the pressure in the water system exceeds 2.5 bar, gas and water are released from the system.



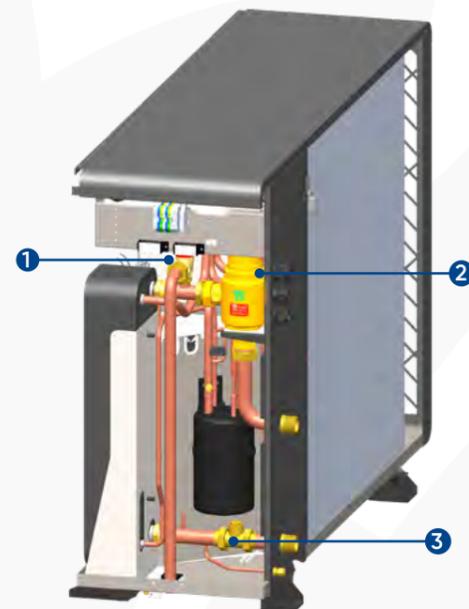
Gas separator 2

Removes gases detected in the water system.



Check valve 3

Prevents refrigerant or water from flowing back into the water system.



Functional Control

The unique 7-inch touchscreen features high resolution and exceptionally smooth performance. A multilingual menu allows customization to individual preferences. Smart and advanced features ensure that controlling the heat pump is remarkably simple.

- A uniquely designed color display
- Intuitive touchscreen interface
- Wi-Fi / LAN / 4G connectivity



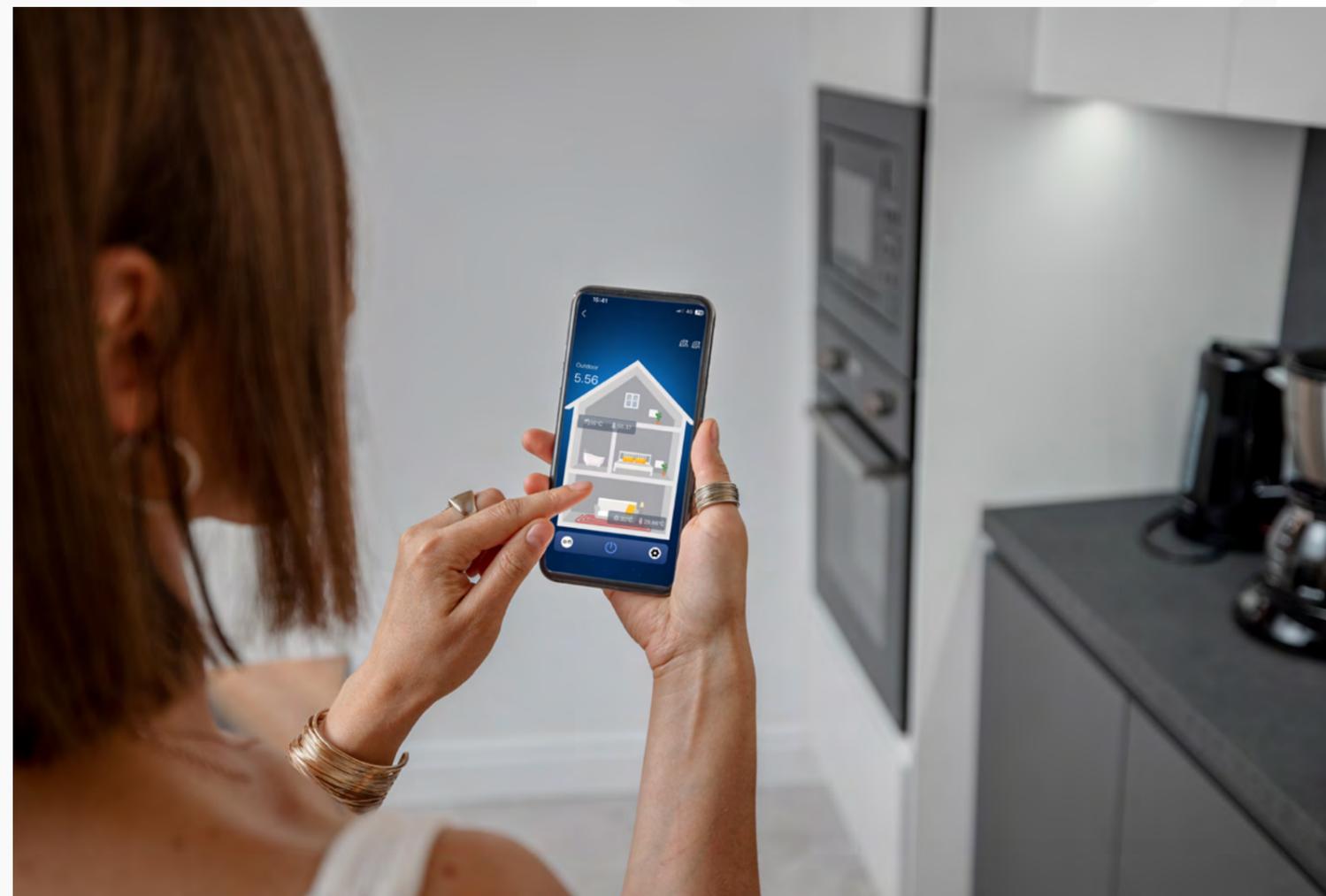
Remote Control via App

Control your heat pump anytime, anywhere with a simple mobile app. Adjust temperature, set schedules, and monitor energy use directly from your smartphone. The app ensures your home is always at the perfect temperature—even when you're away.

SYSTEM CONTROL MANAGEMENT

IoT Platform

Whether installing a new heating system or resolving a technical issue, customer satisfaction is always the top priority. Users expect a smooth commissioning process and fast repairs – not only during the colder months. To meet these expectations, NØRDIS suggests smart digital solutions that enable efficient commissioning and optimisation of energy systems.



NØRDIS Ultima 2 Mono Split Outdoor Units

FOR RESIDENTIAL USE



R290 WiFi A+++

Features

- Energy efficiency class A+++ / A+++
- Eco-friendly refrigerant R290
- Flow water temperature up to 75 °C
- Built-in water flow meter
- Operates in heating mode with outdoor temperatures down to -25 °C
- Built-in electronic circulation pump
- Expanded range for greater flexibility
- Flexible cascading solutions
- Advanced components, enhanced reliability
- Up to 15 units in a single cascade system

-25°C

Efficient operation with outdoor temperatures dropping to

75°C

Maximum supplied water temperature

Outdoor Unit Model		HLT206 MONO1S	HLT209 MONO1S	HLT212 MONO1S	HLT212 MONO3S	HLT216 MONO3S	HLT220 MONO3S		
Compatible Indoor Unit without DHW Tank		HLT293S							
Compatible Indoor Unit with DHW and Buffer Tanks		HLT293S/200B50					-		
Compatible Indoor Unit with DHW Tank		HLT293S/250							
Seasonal Energy (According to EN14825)		A+++ / A+++							
ErP	Energy Class-Heating (35°C / 55°C)	A+++ / A+++							
	SCOP (35°C / 55°C)	5,18/3,91	5,23/3,89	5,48/4,12	5,62/4,14	5,35/4,03	5,29/4,10		
	Rated Heat Output (Prated) (35°C / 55°C)	kW	5,70/5,64	7,34/7,31	9,83/9,60	9,74/9,72	13,1/12,4	15,7/14,4	
	Seasonal Space Heating Efficiency (35°C / 55°C)	%	204/153	206/153	216/162	222/163	211/158	209/161	
	Annual Energy Consumption (35°C / 55°C)	kWh	2275/2979	2901/3881	3706/4812	3579/4852	5082/6360	6111/7270	
	Sound Pressure Level 1m	dB (A)	36	36	37	37	41	45	
	Sound Power Level	dB (A)	49	49	50	50	55	59	
Nominal Capacity and Nominal Input									
Heating	Heating Capacity Min./Max.	A7/W35	kW	1,85/6,24	2,9/9,6	3,7/12,2	3,7/12,2	5,3/15,9	5,9/19,0
	Heating Power Input Min./Max.		kW	0,38/1,25	0,55/1,90	0,67/2,46	0,67/2,46	0,97/3,24	1,19/4,35
	C.O.P Max.		W/W	4,86/4,99	4,5798	5,63	5,63	5,49	4,94
	Heating Capacity Min./Max.	A7/W45	kW	1,73/5,93	2,7/9,2	3,5/11,6	3,5/11,6	4,9/15,2	5,5/18,3
	Heating Power Input Min./Max.		kW	0,47/1,50	0,69/2,38	0,83/2,94	0,83/2,94	1,22/3,80	1,44/5,15
	C.O.P Max.		W/W	3,72/3,95	3,86/3,87	4,04/3,94	4,04/3,94	4,02/4,00	3,84/3,54
Cooling	Cooling Capacity Min./Max.	A35/W18	kW	3,63/6,10	3,4/9,0	6,3/12,2	6,3/12,2	7,8/15,3	9,1/18,4
	Cooling Power Input Min./Max.		kW	0,68/1,3	0,81/2,46	1,16/2,95	1,16/2,95	1,57/4,12	1,80/5,77
	E.E.R Max.		W/W	5,35/4,70	4,17/3,67	5,38/4,12	5,38/4,12	4,97/3,70	5,04/3,19
	Cooling Capacity Min./Max.	A35/W7	kW	2,45/4,95	2,3/7,0	3,3/9,2	3,3/9,2	5,2/12,1	6,2/12,4
	Cooling Power Input Min./Max.		kW	0,67/1,54	0,88/2,34	1,19/2,78	1,19/2,78	1,65/3,79	1,85/4,06
	E.E.R Max.		W/W	3,65/3,22	2,59/2,99	2,80/3,32	2,80/3,32	3,18/3,19	3,33/3,05

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

Outdoor Unit Model		HLT206 MONO1S	HLT209 MONO1S	HLT212 MONO1S	HLT212 MONO3S	HLT216 MONO3S	HLT220 MONO3S	
Power Supply		V/Ph/Hz	220-240/1/50			380-415/3/50		
Circuit Breaker		A	C16	C20	C25	C16	C16	
Power Cable*		mm²	3x2,5	3x2,5	3x4,0	5x2,5	5x2,5	
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 / 0,85	R290 / 0,9	R290 / 1,2	R290 / 1,2	
	Rotary Compressor	Quantity		1				
	Four-way valve + EEV			Sanhua				
	Fan	Quantity		1			2	
Water Side	Fan	Airflow	m³/h	2850	3280	3300	3300	
		Rated Power	W	85	116	172	172	
	Plate Heat Exchanger	Quantity		1				
		Piping Connection	Inch	G1"			G1-1/4"	
		Allowable Water Flow - Min./Rated/Max.	l/s	0,17/0,24/0,31	0,27/0,38/0,50	0,40/0,57/0,75	0,40/0,57/0,75	0,50/0,72/0,93
	Water Flow Meter		l/min	10,2/14,4/18,6	16,2/22,8/30	24/34,2/45	24/34,2/45	30/43,2/55,8
		m³/h	0,61/0,86/1,12	0,97/1,37/1,8	1,44/2,05/2,7	1,44/2,05/2,7	1,8/2,59/3,35	2,41/3,46/4,46
Circulation Pump (Head, m)			Grundfos (9)			Grundfos (12)		
Dimensions	Net Dimensions (W x D x H)	mm	1150x365x715	1260x395x1030	1260x395x1030	1260x395x1030	1260x420x1550	
	Net Weight	kg	95	125	140	155	215	

*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.

NØRDIS Ultima 2 Mono Split Indoor Unit

WITHOUT INTEGRATED DHW TANK



Features

- Innovative 7" touch-sensitive control panel
- Integrated Wi-Fi and 4G module for device control via smartphone
- Implemented temperature curves for device control based on outdoor temperature
- Hot water disinfection function
- Integrated auxiliary electric water heater

Indoor Unit Structure

By opening the front panel mounted on hinges and the control automation door, the hydraulic system is easily accessible. This ensures convenient access to any component of the hydraulic and control system.



Indoor Unit Model without DHW tank		HLT293S					
Compatible Outdoor Units		HLT206 MONO1S	HLT209 MONO1S	HLT212 MONO1S	HLT212 MONO3S	HLT216 MONO3S	HLT220 MONO3S
Power Supply	V/Ph/Hz	380-415/3/50					
Circuit Breaker	A	C16					
Power Cable*	mm ²	5x2,5					
Backup Heater	kW	9 (3+6)					
Sound Pressure Level 1m	dB (A)	20					
3-way Diverting Valve		LK Systems					
Water Side	Piping Connection	Inch	G1"				
	Water Pressure Drop	kPa	22				
	Water Temperature Range	°C	7 ~ 75				
Dimensions	Net Dimensions (L x D x H)	mm	550x260x650				
	Net Weight	kg	32				

*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.



NØRDIS Ultima 2 Mono Split Indoor Units

WITH INTEGRATED DHW TANK

WITH INTEGRATED DHW AND BUFFER TANKS

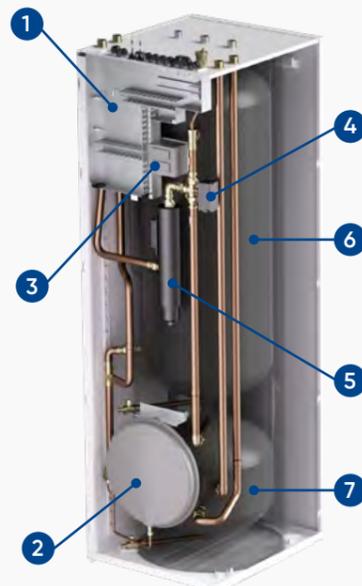


The latest “all-in-one” system is a monoblock design that maximizes installation simplicity and space efficiency, making the system more convenient to use.

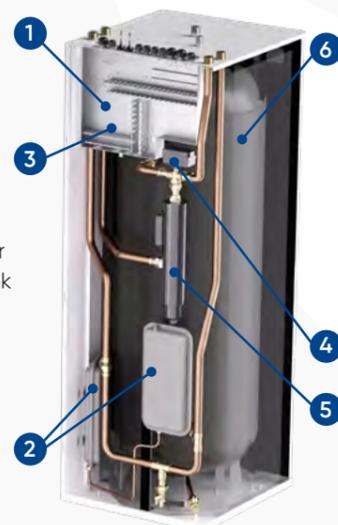
Features

- Innovative 7” touch-sensitive control panel
- Integrated Wi-Fi and 4G module for device control via smartphone
- Implemented temperature curves for device control based on outdoor temperature
- Hot water disinfection function
- Integrated 250 L stainless steel DHW tank or 200 L SS DHW and 50 L buffer tank

Indoor Unit Structure



1. Control unit
2. 10 L vessel
3. Digital thermostats
4. Three-way valve
5. 9 kW electric heater
6. 200 L hot water tank
7. 50L buffer tank



1. Control unit
2. 2 x 5 L expansion vessels
3. Digital thermostats
4. Three-way valve
5. 9 kW electric heater
6. 250 L hot water tank

Indoor Unit Model with DHW tank		HLT293S/250					
Compatible Outdoor Units		HLT206 MONO1S	HLT209 MONO1S	HLT212 MONO1S	HLT212 MONO3S	HLT216 MONO3S	HLT220 MONO3S
Power Supply	V/Hz/Ph	380-415/50/3					
Circuit Breaker	A	C16					
Power Cable*	mm ²	5x2,5					
Backup Heater	kW	9 (3+6)					
Sound Pressure Level 1m	dB (A)	20					
3-way Diverting Valve		LK Systems					
Expansion vessel	l	10 (2 x 5)					
DHW tank	Volume	250					
	Material	Duplex 2205 SS					
Water Side	Piping Connection	Inch					
	DHW Inlet Connection	Inch					
	DHW Outlet Connection	Inch					
	Water Temperature Range	°C					
Dimensions	Net Dimensions (L x D x H)	mm					
	Net Weight	kg					

*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 Unit with DHW and Buffer Tanks		HLT293S/200B50			
Compatible Outdoor Units		HLT206 MONO1S	HLT209 MONO1S	HLT212 MONO1S	HLT212 MONO3S
Power Supply	V/Hz/Ph	380-415/50/3			
Circuit Breaker	A	C16			
Power Cable*	mm ²	5x2,5			
Backup Heater	kW	9 (3+6)			
Sound Pressure Level 1m	dB (A)	20			
3-way Diverting Valve		LK Systems			
Expansion vessel	l	10 (2 x 5)			
DHW tank	Volume	200			
	Material	Duplex 2205 SS			
Buffer tank	Volume	50			
	Material	Duplex 2205 SS			
Water Side	Piping Connection	Inch			
	DHW Inlet Connection	Inch			
	DHW Outlet Connection	Inch			
	Water Temperature Range	°C			
Dimensions	Net Dimensions (L x D x H)	mm			
	Net Weight	kg			

*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.

NØRDIS Ultima 2 Mono Commercial

FOR COMMERCIAL USE



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 ²	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 ³ /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 ³ /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 ²	3x1,5	
Dimensions	Net Dimensions (L x D x H)	mm	390x132x450	
	Net Weight	kg	10	

*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.



Ultima

SERIES

An efficient solution for controlling your home's climate, providing heating, cooling, and hot water supply, while allowing you to choose a more eco friendly lifestyle and reduce energy consumption. The advanced Ultima heat pump technology delivers unmatched performance, supplying hot water at temperatures up to 75°C, making it an ideal choice for both newly built and renovated properties.

R290 99.6% lower carbon dioxide emissions compared to R32.



FEATURES

- A+++ ENERGY EFFICIENCY**
 Inverter technology provides the highest A+++ energy rating.
- R290 ECO-FRIENDLY R290 REFRIGERANT**
 It has zero ozone depletion potential and an extremely low global warming potential (GWP 3).
- SG Ready SG-READY**
 The control technology can respond to external control signals from the network.
- SMART CONTROL**
 A 7-inch easy-to-use color touchscreen supports advanced features.
- SILENT MODE**
 Quiet operation guarantees a peaceful environment and quality sleep.
- TIMER SETTING**
 It operates automatically based on usage habits.
- VACATION MODE**
 It operates in heating mode and/or DHW mode, maintaining a minimum water temperature.
- CONTROL OF ELECTRIC HEATERS**
 Smart and economical two-stage electric heater control.
- REAL-TIME COP**
 View energy consumption and COP values in real-time.
- SMART DEFROSTING**
 The algorithms take into account the ambient temperature, heat exchanger temperature, and defrosting time.
- HEATING/COOLING CURVES**
 For economical operation.
- HOT WATER MAINTENANCE**
 Timer and priority hot water control with a disinfection function.
- MODBUS**
 Seamless integration with Building Management Systems (BMS) for smart buildings.
- VARIOUS CONFIGURATIONS**
 Power range from 6 to 16 kW, suitable for both renovated and large new buildings.

NØRDIS Ultima Mono Split

AIR-TO-WATER HEAT PUMPS



R290 WiFi A+++

Outdoor Unit Model		HLT6MONO-S	HLT9MONO-S	HLT12MONO-S	HLT16MONO-3S		
Compatible Indoor Units without DHW Tank			HLT-9-3S		HLT-12-3S		
Compatible Indoor Units with DHW Tank			HLT-9-250-3S		HLT-12-250-3S		
Seasonal Energy (According to EN14825)							
ErP	Energy Class-Heating (35°C / 55°C)	A+++ / A++					
	SCOP (35°C / 55°C)	W/W	4,81/3,59	4,85/3,65	4,76/3,56	4,74/3,50	
	Rated Heat Output (Prated) (35°C / 55°C)	kW	4,91/4,55	6,93/6,40	8,97/8,21	12,55/11,01	
	Seasonal Space Heating Efficiency (35°C / 55°C)	%	189,3/140,6	190,9/143,1	187,5/139,4	186,5/136,9	
	Annual Energy Consumption (35°C / 55°C)	kWh	2111/2616	2953/3622	3889/4766	5475/6505	
	Sound Pressure Level 1m (Indoor / Outdoor) *	dB (A)	19/40	20/39	21/41	23/40	
	Sound Power Level (Indoor / Outdoor) *	dB (A)	33/54	33/54	34/56	37/56	
Nominal Capacity and Nominal Input							
Heating	Heating Capacity Min./Max.	A7/W35	kW	2,56/6,76	3,76/9,52	5,21/12,0	6,83/16,6
	Heating Power Input Min./Max.		kW	0,58/1,52	0,68/2,04	0,99/3,06	1,27/4,18
	C.O.P Max.		W/W	4,83	5,57	5,31	5,38
	Heating Capacity Min./Max.	A7/W45	kW	2,42/6,57	3,00/9,09	4,38/11,7	6,17/15,5
	Heating Power Input Min./Max.		kW	0,67/1,82	0,86/2,40	1,11/3,55	1,58/4,76
	C.O.P Max.		W/W	3,86	4,03	3,94	3,90
Cooling	Cooling Capacity Min./Max.	A35/W18	kW	2,02/5,43	2,39/7,83	3,47/10,1	5,77/12,4
	Cooling Power Input Min./Max.		kW	0,51/1,31	0,57/2,08	0,94/2,97	1,23/3,70
	E.E.R Max.		W/W	4,23	4,35	3,93	4,69
	Cooling Capacity Min./Max.	A35/W7	kW	1,27/3,71	1,83/5,61	2,16/7,19	4,05/10,1
	Cooling Power Input Min./Max.		kW	0,52/1,30	0,62/2,00	0,97/2,76	1,26/3,55
	E.E.R Max.		W/W	2,95	2,99	2,64	3,22

* - low-temperature applications
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.

Features

- Energy efficiency class A+++ / A++
- Eco-friendly refrigerant R290
- Flow water temperature up to 75 °C
- Operates in heating mode with outdoor temperatures down to -25 °C
- Extremely quiet
- Built-in smart network function

Outdoor Unit Model		HLT6MONO-S	HLT9MONO-S	HLT12MONO-S	HLT16MONO-3S			
Power Supply	V/Ph/Hz	220-240~/1/50			380-415~/3/50			
Circuit Breaker	A	C16		C25	C16			
Power Cable*	mm²	3x2,5		3x4,0	5x2,5			
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 / 0,6	R290 / 0,7	R290 / 0,9	R290 / 1,5	
	Rotary Compressor	Quantity		1				
	Four-way valve + EEV	Sanhua						
	Fan	Quantity		1		2		
		Airflow	m³/h	3150		3300		6300
		Rated Power	W	62		124		
Water Side	Plate Heat Exchanger	Quantity		1				
	Water Pressure Drop	kPa		23				
	Piping Connection	Inch		G1"		G1-1/4"		
Dimensions	Net Dimensions (W x D x H)	mm		1255x440x885		1255x440x985	1140x460x1490	
	Net Weight	kg		98	109	120	164	

*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.



Efficient operation with outdoor temperatures dropping to

-25°C



Maximum prepared water temperature

75°C

NØRDIS Ultima Mono Split

INDOOR UNITS WITHOUT INTEGRATED DHW TANK



Indoor Unit Model			HLT-9-3S			HLT-12-3S	
Compatible Outdoor Units			HLT6MONO-S	HLT9MONO-S	HLT12MONO-S	HLT16MONO-3S	
Power Supply		V/Ph/Hz	380-415~/3/50				
Circuit Breaker		A	C16				
Power Cable*		mm ²	5x2,5				
Backup Heater		kW	9 (3+6)				
3-way Diverting Valve			LK Systems				
Water Flow Meter			Vortex				
Circulation Pump (Head, m)			Grundfos (9)			Grundfos (12)	
Water Side	Piping Connection	Inch	G1"			G1-1/4"	
	Allowable Water Flow - Min./Rated/Max.	l/s	0,20/0,29/0,37	0,27/0,38/0,50	0,40/0,57/0,75	0,50/0,72/0,93	
		l/min	12/17,4/22,2	16,2/22,8/30	24/34,2/45	30/43,2/55,8	
		m ³ /h	0,72/1,04/1,33	0,97/1,37/1,8	1,44/2,05/2,7	1,8/2,59/3,35	
Dimensions	Net Dimensions (L x D x H)	mm	550x260x650				
	Net Weight	kg	34				

*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.



Features

- Innovative 7" touch-sensitive control panel
- Integrated Wi-Fi and 4G module for device control via smartphone
- Electronic circulation pump
- Implemented temperature curves for device control based on outdoor temperature
- Hot water disinfection function
- Integrated auxiliary electric water heater

Indoor Unit Structure

By opening the front panel mounted on hinges and the control automation door, the hydraulic system is easily accessible. This ensures convenient access to any component of the hydraulic and control system.



NØRDIS Ultima Mono Split

AIR-TO-WATER HEAT PUMPS WITH DHW TANK

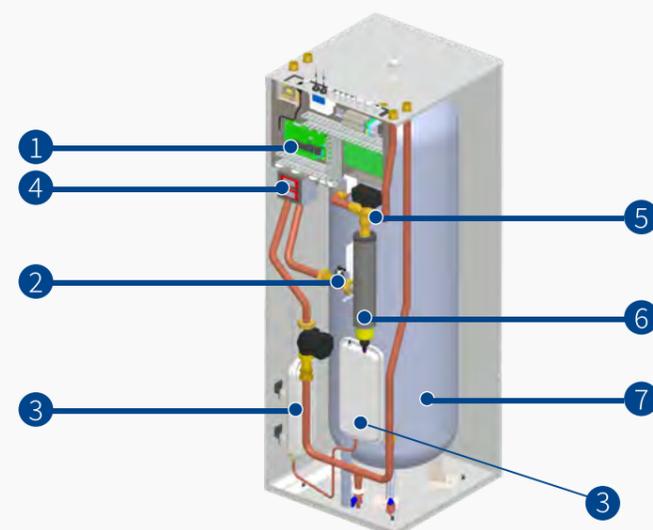


The latest “all-in-one” system is a monoblock design that maximizes installation simplicity and space efficiency, making the system more convenient to use.

Features

- Innovative 7” touch-sensitive control panel
- Integrated Wi-Fi and 4G module for device control via smartphone
- Electronic circulation pump
- Implemented temperature curves for device control based on outdoor temperature
- Hot water disinfection function
- Integrated 250 L stainless steel DHW tank

Indoor Unit Structure



1. Control unit
2. Water flow meter
3. 2 x 5 L expansion vessels
4. Digital thermostats
5. Three-way valve
6. 9 kW electric heater
7. 250 L hot water tank

Indoor Unit Models		HLT-9-250-3S			HLT-12-250-3S
Compatible Outdoor Units		HLT6MONO-S	HLT9MONO-S	HLT12MONO-S	HLT16MONO-3S
Power Supply	V/Ph/Hz	380-415~/3/50			
Circuit Breaker	A	16			
Power Cable*	mm ²	5x2,5			
Backup Heater	kW	9 (3+6)			
3-way Diverting Valve		LK Systems			
DHW tank	Volume	250			
	Material	Duplex 2205 SS			
Water Flow Meter		Vortex			
Circulation Pump (Head, m)		Grundfos (9)			Grundfos (12)
Water Side	Piping Connection	Inch	G1"		
	Allowable Water Flow - Min./Rated/Max.	l/s	0,20/0,29/0,37	0,27/0,38/0,50	0,40/0,57/0,75
		l/min	12/17,4/22,2	16,2/22,8/30	24/34,2/45
	m ³ /h	0,72/1,04/1,33	0,97/1,37/1,8	1,44/2,05/2,7	
Dimensions	Net Dimensions (L x D x H)	mm	600x710x1720		
	Net Weight	kg	115		

*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.





Optimus Pro

SERIES

Comfort Your Whole Family Can Feel

NØRDIS Optimus Pro is a modern air-to-water heat pump designed for efficient space heating, cooling, and domestic hot water production. It features the highest A+++ energy efficiency class, quiet operation, and smart control via a controller or mobile app. Optimus Pro automatically adapts to user habits, outdoor temperature, and power grid conditions, ensuring reliable performance, high comfort, and low energy consumption.



FEATURES

- 
ENERGY EFFICIENCY
 Heat pumps meet the highest A+++ energy efficiency class.
- 
ECO-FRIENDLY R32 REFRIGERANT
 Higher heat transfer coefficient ensuring better performance.
- 
SG READY
 The heat pump's operating time can be automatically adjusted based on the power grid load.
- 
CONVENIENT CONTROLLER / REMOTE CONTROL
 Advanced multifunctional controller or app on a smart device.
- 
SILENT MODE
 The sound pressure level of NØRDIS Optimus Pro units is as low as 35 dB (A) at a distance of 3 meters.
- 
SCHEDULE SETTING
 NØRDIS Optimus Pro operates automatically based on user habits to meet various usage needs.
- 
HOLIDAY MODE
 The device operates in heating and/or hot water preparation mode, maintaining the minimum water temperature required to prevent the system from freezing during winter.
- 
TEMPERATURE CURVES
 The water temperature prepared by the heat pump automatically adjusts based on changes in outdoor air temperature.
- 
HOT WATER RECIRCULATION
 The hot water recirculation function is used to return water from the pipeline to the hot water tank according to a set timer.
- 
POWER LIMITATION FUNCTION
 The function allows the heat pump to be adapted to the available input power.
- 
SERTIFICATES



- Keymark Certified
- CE Certified
- SG Ready



NØRDIS Optimus Pro Split type

AIR-TO-WATER HEAT PUMPS

Outdoor Unit Models		HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP12W ODU3	HOP16W ODU3	
Compatible Indoor Units without DHW Tank		HOP60WIDU	HOP100WIDU or HOP100WIDU3		HOP160WIDU3		
Compatible Indoor Units with DHW Tank		HOP100/190IDU or HOP100/190IDU3			HOP160/240IDU3		
Heating A7W35 ¹	Capacity	kW	6,20	8,30	10,00	12,10	16,00
	Rated Input	kW	1,24	1,60	2,00	2,44	3,56
	COP		5,00	5,20	5,00	4,95	4,50
Heating A7W45 ²	Capacity	kW	6,35	8,20	10,00	12,30	16,00
	Rated Input	kW	1,69	2,08	2,63	3,24	4,44
	COP		3,75	3,95	3,80	3,80	3,60
Heating A7W55 ³	Capacity	kW	6,00	7,50	9,50	12,00	16,00
	Rated Input	kW	2,00	2,36	3,06	3,87	5,52
	COP		3,00	3,18	3,10	3,10	2,90
Heating A7W35 ⁹	Capacity	kW	6,10	7,10	8,25	10,00	13,30
	Rated Input	kW	2,00	2,18	2,62	3,33	4,93
	COP		3,05	3,25	3,15	3,00	2,70
Cooling A35W18 ⁴	Capacity	kW	6,55	8,40	10,00	12,00	14,90
	Rated Input	kW	1,34	1,66	2,08	3,00	4,38
	EER		4,90	5,05	4,80	4,00	3,40
Cooling A35W7 ⁵	Capacity	kW	7,00	7,40	8,20	11,60	14,00
	Rated Input	kW	2,33	2,19	2,48	4,22	5,71
	EER		3,00	3,38	3,30	2,75	2,45
Energy Efficiency Class ⁶	Water Outlet at 35°C	Class	A+++				
	Water Outlet at 55°C	Class	A++				
SCOP ⁶	35°C		4,95	5,22	5,2	4,81	4,62
	55°C		3,52	3,37	3,47	3,45	3,41
SEER ⁶	7°C		5,37	5,83	5,98	4,86	4,67
	18°C		8,21	8,95	8,78	7,04	6,71

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

NØRDIS Optimus Pro Split

OUTDOOR UNITS



Features

- Energy efficiency class A+++;
- Eco-friendly refrigerant R32;
- Dual-rotor inverter compressor with permanent magnets;
- Operates in heating mode at outdoor temperatures as low as -25°C;
- Exceptionally quiet – two silent operation modes;
- Smart grid functionality implemented.



Outdoor Unit Models		HOP6WODU	HOP8WODU	HOP10WODU	HOP12WODU3	HOP16WODU3
Power Supply	V/Ph/Hz	220-240/1/50				380-415/3/50
Rated Power	W	2600	3300	3600	5400	6100
Rated Current	A	12,0	14,5	16,0	9,0	11,0
Power Cable*	mm ²	3x2,5			5x2,5	
Automatic Switch	A	C16		C20	C16~3	
Refrigerant	Type (GWP)	R32 (675)				
	Quantity in the Device	kg	1,5	1,65		1,84
Refrigerant	Liquid Phase	mm (Inch)	6,35 (1/4")	9,52 (3/8")		
Pipes	Gas Phase	mm (Inch)	15,88 (5/8")			
Between the Indoor and Outdoor Units	Height Difference, Max.	m	20			
	Pipe Length, Min.	m	w3			
	Pipe Length, Max.	m	30			
Additional Refrigerant Charge	Quantity	g/m	20	38		
	Pipe Length without Additional Charge	m	Max.15			
Compressor		DC Two Rotor Inverter				
Fan		DC Electric Motor				
Sound Power Level ⁷	dB (A)	58	59	60	64	68
Sound Pressure (1 m)	dB (A)	45	46	49	50	55
Sound Pressure (2 Silent Mode)	dB (A)	40	41	41	43	43
Dimension (W x H x D)	mm	1008x712x426	1118x865x523			
Dimension of Package (W x H x D)	mm	1065x810x485	1190x970x560			
Net / Gross Weight	kg	58 / 63.5	75 / 89		97 / 110.5	
Operation Ambient Temperature Range	Heating	°C	-25 ~ +35			
	Cooling	°C	-5 ~ +43			
	DHW	°C	-25 ~ +43			

*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.



Efficient operation with outdoor temperatures dropping to

-25°C



Maximum prepared water temperature

65°C

NØRDIS Optimus Pro Split

INDOOR UNITS WITHOUT INTEGRATED DHW TANK



WiFi

Features

- Touch-sensitive control panel;
- Integrated Wi-Fi module for device control via smartphone;
- Electronic circulation pump;
- Temperature curves implemented for device control based on outdoor temperature;
- Hot water disinfection function;
- Integrated auxiliary electric water heater.

Air-to-water heat pumps without an integrated hot water tank come with three power capacity indoor units. The heat pump system is compatible with underfloor heating, radiators, fan coil units, and domestic water heating systems. This eliminates the need to invest in a complete system overhaul.

Series Multifunctionality



Hot water preparation priority



Automatic mode



Disinfection mode



Economy mode



Weekly schedule



Daily schedule



Temperature curves



Quick DHW preparation mode

Indoor Units without DHW Tank		HOP60W IDU	HOP100W IDU	HOP100W IDU3	HOP160W IDU3			
Compatible Outdoor Models		HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP8W ODU	HOP10W ODU	HOP12W ODU3	HOP16W ODU3
Built-in Electric Heater	kW	3			9 (3+3+3) ⁸			
Power Supply	V/Ph/Hz	220-240/1/50			380-415/3/50			
Rated Power	W	3095			9095			
Nominal Current	A	13,5			13,3			
Power Cable*	mm ²	3x2,5			5x2,5			
Communication Cable, AWG18 Shielded	mm ²	2x0,75						
Automatic Switch	A	C16			C16-3			
Sound Power Level ⁷	dB (A)	38	42		43			
Sound Pressure (1 m)	dB (A)	28	30		32			
Dimension (W x H x D)	mm	420x790x270						
Dimension of Package (W x H x D)	mm	525x1050x360						
Circulation Pump	Type	DC, Electronic						
	Maximum Lifting Height	m	9					
	Power	W	5-90					
Minimum Water Flow	m ³ /h	0,36				0,6		
Operating Limits for Water Flow	m ³ /h	0,4 ~ 1,25	0,4 ~ 2,1			0,7 ~ 3,0		
Heat Exchanger		Plate, Soldered						
Expansion Tank	l	8						
Refrigerant Pipes	Liquid Phase	mm (Inch)	6,35 (1/4")	9,52 (3/8")				
	Gas Phase	mm (Inch)	15,88 (5/8")					
Water Pipe Connection		R1"						
Net / Gross weight	kg	43 / 49				45 / 51		
Supply Water Temperature	Heating	°C	+25 ~ +65					
	Cooling	°C	+5 ~ +25					
	DHW	°C	+20 ~ +60					
Ambient Temperature	°C	0 ~ +35						
Water Pressure in the System	bar	1 ~ 3						

*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.

NØRDIS Optimus Pro Split

INDOOR UNITS WITH INTEGRATED DHW TANK



WiFi

Features

- Integrated 190 L or 240 L stainless steel water heater;
- Touch-sensitive control panel;
- Integrated Wi-Fi module for device control via smartphone;
- Electronic circulation pump;
- Temperature curves implemented for device control based on outdoor temperature;
- Hot water disinfection function;
- Integrated auxiliary electric water heater.

Air-to-water heat pumps with an integrated hot water tank come with two power capacities and tank sizes for indoor units. These units incorporate the latest technologies to ensure high performance and minimal operating costs. The combination of heat pump equipment provides optimal solutions for heating, cooling, and hot water preparation processes.

Series Multifunctionality



Hot water preparation priority



Automatic mode



Disinfection mode



Economy mode



Water heater with a capacity of up to 240 liters



Daily schedule



Temperature curves



Quick DHW preparation mode

Indoor Units with DHW Tank			HOP100/190 IDU			HOP100/190 IDU3			HOP160/240 IDU3		
Compatible Outdoor Models			HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP12W ODU3	HOP16W ODU3	
Efficiency Class for Hot Water		Class	A+								
Production (Temperate Climate Zone)		COP	3,10	3,02	3,10	3,02	3,00				
Water Tank Capacity	Capacity	l	190						240		
	Material		Stainless Steel, SUS 316L								
	Max Water Temperature	°C	70								
	Isolation		Polyurethane								
Built-in Electric Heater		kW	3			9 (3+3+3) ⁸					
Power Supply		V/Ph/Hz	220-240/1/50			380-415/3/50					
Rated Power		W	3095			9095					
Rated Current		A	13,5			13,5					
Power Cable*		mm ²	3x2,5			5x2,5					
Communication Cable, AWG18 Shielded		mm ²	2x0,75								
Automatic Switch		A	C16			C16~3					
Sound Power Level ⁷		dB	38	40	38	40	44				
Dimension (W x H x D)		mm	600x1683x600						600x1943x600		
Dimension of Package (W x H x D)		mm	730x1920x730						730x2182x730		
Circulation Pump	Type		DC, Electronic								
	Maximum Lifting Height	m	9								
	Power	W	5~90								
Minimum Water Flow		m ³ /h	0,36						0,6		
Operating Limits for Water Flow		m ³ /h	0,4 ~ 1,25	0,4 ~ 2,1	0,4 ~ 1,25	0,4 ~ 2,1	0,7 ~ 3,0				
Heat Exchanger			Plate, Soldered								
Expansion Tank		l	8								
Refrigerant Pipes	Liquid Phase	mm (Inch)	6,35 (1/4")	9,52 (3/8")	6,35 (1/4")	9,52 (3/8")					
	Gas Phase	mm (Inch)	15,88 (5/8")								
Water Pipe Connection	Heating/Cooling		R1"								
	Hot Water Preparation		R3/4"								
Net / Gross Weight		kg	140 / 161						159 / 180		
Supply Water Temperature	Heating	°C	+25 ~ +65								
	Cooling	°C	+5 ~ +25								
	DHW	°C	+30 ~ +60								
Ambient Temperature		°C	+5 ~ +35								
Water Pressure in the Heating/Cooling System		bar	1 ~ 2,5								
Water Pressure in the Hot Water System (Cold Water)		bar	1,5 ~ 3								

*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.

NØRDIS Optimus Pro Mono

AIR-TO-WATER HEAT PUMPS



Features

- Energy efficiency class A+++;
- Eco-friendly refrigerant R32;
- Dual-rotor inverter compressor with permanent magnets;
- Operates in heating mode at outdoor temperatures as low as -25°C;
- Exceptionally quiet – two silent operation modes;
- Smart grid functionality implemented;
- Touch-sensitive control panel;
- Integrated Wi-Fi module for device control via smartphone.

NØRDIS Optimus Pro monoblocks are high-efficiency, low-energy-consumption air-to-water heat pumps. The entire heating system is integrated into a single, universal outdoor unit, making it an ideal solution for homes without auxiliary rooms for additional heat pump equipment. The installation is simple and quick.

NØRDIS Optimus Pro monoblocks are fully compatible with any existing home heating or hot water preparation system. These units ensure low energy consumption, a high energy efficiency class, and excellent seasonal performance indicators.

Outdoor Units		HOP6 WMONO	HOP8 WMONO	HOP10 WMONO	HOP12 WMONO3	HOP16 WMONO3	
Built-in Electric Heater	kW	3			9		
Power Supply	V/Ph/Hz	220-240/1/50			380-415/3/50		
Rated Power	W	5700 ¹⁾	6400 ¹⁾	6700 ¹⁾	14500 ¹⁾	15200 ¹⁾	
Rated Current	A	27	29	30	23	25	
Power Cable*	mm ²	3x4,0	3x6,0		5x6,0		
Communication Cable, AWG18 Shielded	mm ²	5x0,75					
Automatic Switch	A	C32					
Heating A7W35 ¹	Capacity	kW	6,35	8,40	10,00	12,10	15,90
	Rated Input	kW	1,28	1,63	2,02	2,44	3,53
	COP		4,95	5,15	4,95	4,95	4,50
Heating A7W45 ²	Capacity	kW	6,30	8,10	10,00	12,30	16,00
	Rated Input	kW	1,70	2,10	2,67	3,32	4,57
	COP		3,70	3,85	3,75	3,70	3,50
Heating A7W55 ³	Capacity	kW	6,00	7,50	9,50	11,90	16,00
	Rated Input	kW	2,03	2,36	3,06	3,90	5,61
	COP		2,95	3,18	3,10	3,05	2,85
Heating A-7W35 ⁹	Capacity	kW	6,00	7,00	8,00	10,00	13,10
	Rated Input	kW	2,00	2,19	2,62	3,33	4,85
	COP		3,00	3,20	3,05	3,00	2,70
Cooling A35W18 ⁴	Capacity	kW	6,50	8,30	9,90	12,00	14,90
	Rated Input	kW	1,35	1,64	2,18	3,04	4,38
	EER		4,80	5,05	4,55	3,95	3,40
Cooling A35W7 ⁵	Capacity	kW	7,00	7,45	8,20	11,50	14,00
	Rated Input	kW	2,33	2,22	2,52	4,18	5,60
	EER		3,00	3,35	3,25	2,75	2,50
Energy Efficiency Class ⁶	Water Outlet at 35°C	Class	A+++				
	Water Outlet at 55°C	Class	A++				
SCOP ⁶	35°C		4,95	5,22	5,2	4,81	4,62
	55°C		3,52	3,37	3,47	3,45	3,41
SEER ⁶	7°C		5,31	5,82	5,95	4,40	4,85
	18°C		8,22	8,94	8,73	7,07	6,89
Refrigerant	Type (GWP) / Quantity, kg	R32 (675) / 1,4			R32 (675) / 1,75		
Compressor		Inverter DC a Twin Rotary					
Heat Exchanger		Piastra, saldata					
Fan		Motore elettrico DC					
Number of Fans		1					
Circulation Pump	Type		DC elettronico				
	Max. Lifting Height	m	9				
	Capacity	W	5~90				
Nominal Water Flow	m ³ /h	1,09	1,44	1,72	2,08	2,73	
Operating Limits for Water Flow	m ³ /h	0,4 ~ 1,25	0,4 ~ 1,65	0,4 ~ 2,1	0,7 ~ 2,5	0,7 ~ 3,0	
Water Piping Connection		R1"	R1 1/4"				
Sound Power Level ⁷	dB (A)	58	59	60	65	68	
Sound Pressure Level (1m)	dB (A)	47	48	50	53	58	
Dimensions (W x H x D)	mm	1295x792x429	1385x945x526				
Packing Dimensions (W x H x D)	mm	1375x965x475	1465x1120x560				
Net / Gross Weight	kg	91 / 112	110 / 137		149 / 177		
Ambient Temperature Range	Heating	°C	-25 ~ +35				
	Cooling	°C	-5 ~ +43				
	DHW	°C	-25 ~ +43				
LWT Setting Range	Heating	°C	+25 ~ +65				
	Cooling	°C	+5 ~ +25				
	DHW ¹⁰	°C	+30 ~ +60				

*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.

Outdoor Units		HOP22WMO3	HOP26WMO3	HOP30WMO3	
Built-in Electric Heater	kW	-			
Power Supply	V/Ph/Hz	380-415/3/50			
Rated Power	W	12500	13800	14500	
Rated Current	A	24,5	27	28,5	
Power Cable	mm ²	5x6,0			
Communication Cable, AWG18 Shielded	mm ²	5x0,75			
Automatic Switch	A	C25	C32		
Heating A7W35 ¹	Capacity	kW	22,00	26,00	30,10
	Rated Input	kW	5,00	6,37	7,70
	COP		4,40	4,08	3,91
Heating A7W45 ²	Capacity	kW	22,00	26,00	30,00
	Rated Input	kW	6,47	8,39	10,35
	COP		3,40	3,10	2,90
Heating A7W55 ³	Capacity	kW	22,00	26,00	30,00
	Rated Input	kW	8,30	10,61	13,04
	COP		2,65	2,45	2,30
Heating A7W35 ⁹	Capacity	kW	21,00	22,00	23,00
	Rated Input	kW	8,08	8,80	9,39
	COP		2,60	2,50	2,45
Cooling A35W18 ⁴	Capacity	kW	23,00	27,00	31,00
	Rated Input	kW	5,00	6,30	7,75
	EER		4,60	4,30	4,00
Cooling A35W7 ⁵	Capacity	kW	21,00	26,00	29,50
	Rated Input	kW	7,12	9,63	11,57
	EER		2,95	2,70	2,55
Energy Efficiency Class ⁶	Water Outlet at 35°C	Class	A+++		
	Water Outlet at 55°C	Class	A++	A+	
SCOP ⁶	35°C		4,53	4,5	4,2
	55°C		3,23	3,15	3,15
SEER ⁶	7°C		4,7	4,66	4,49
	18°C		5,67	5,88	5,71
Refrigerant	Type (GWP) / Quantity, kg	R32 (675) / 5,0			
Compressor		DC Two Rotor Inverter			
Heat Exchanger		Plate, Soldered			
Fan		DC, Electric Motor			
Number of Fans		2			
Circulation Pump	Type		DC, Electronic		
	Max. Lifting Height	m	12		
	Capacity	W	10 ~ 305		
Nominal Water Flow	m ³ /h	3,78	4,47	5,18	
Operating Limits for Water Flow	m ³ /h	-			
Water Piping Connection		R1 1/4"			
Sound Power Level ⁷	dB (A)	73	75	77	
Sound Pressure Level (1m)	dB (A)	60	61	63	
Dimensions (W x H x D)	mm	1129x1558x528			
Packing Dimensions (W x H x D)	mm	1220x1735x565			
Net / Gross Weight	kg	177 / 206			
Ambient Temperature Range	Heating	°C	-25 - +35		
	Cooling	°C	-5 - +43		
	DHW	°C	-25 - +43		
LWT Setting Range	Heating	°C	+25 - +65		
	Cooling	°C	+5 - +25		
	DHW ¹⁰	°C	+30 - +60		

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

NØRDIS Air-to-Water Heat Pump Application For an Integrated Home System

Series Multifunctionality

NØRDIS heat pumps are integrated systems designed for year-round space heating, cooling, and domestic hot water preparation. They can replace traditional gas or solid fuel heating systems or operate alongside them. Heat pumps are compatible with underfloor heating, radiators, fan coil units, and domestic hot water systems. They can also be connected to solar panels and other heat sources.



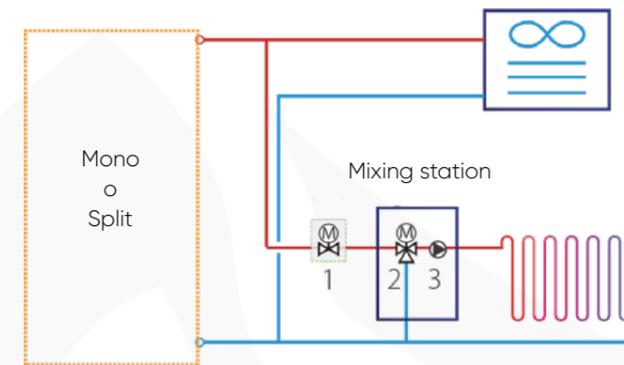
The "Smart Grid" certification indicates that NØRDIS heat pumps can optimally utilize electricity from various sources (at different price levels), such as solar photovoltaic systems or municipal power grids, to meet the demands of various operating modes and significantly contribute to cost savings.





Heating and Cooling

Underfloor heating is used for space heating, while fan coil units are used for both heating and cooling. In heating mode, the underfloor heating system and the fan coil units require different supply water temperatures. A mixing unit (supplied separately), consisting of a 3-way valve and a circulation pump, is used to adjust the water temperature for the underfloor heating system. The mixing unit is controlled by the heat pump. In cooling mode, a 2-way valve is used to prevent cold water from entering the underfloor heating circuits and to avoid condensation.

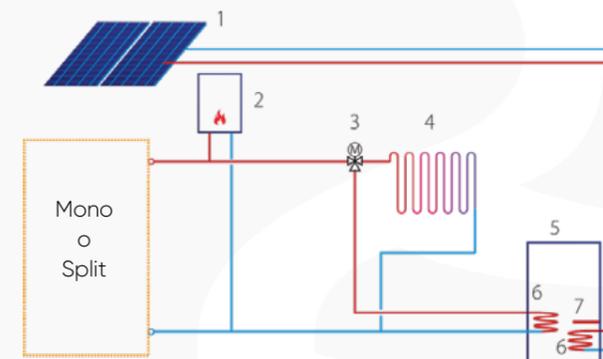


Notes:

1. 2-way valve (supplied separately).
2. 3-way valve (supplied separately).
3. Circulation pump (supplied separately).
4. Fan coil unit (supplied separately).
5. Underfloor heating system (supplied separately).

Heating, Domestic Hot Water Preparation (DHW) and External Heat Sources

The backup electric heater (integrated into the unit) and an external heat source (e.g., gas boiler) provide additional heat to the water prepared by the heat pump. The auxiliary electric heater in the DHW tank and solar panels supply additional heat to the hot water system. A 3-way valve is used to switch between the heating system and domestic hot water preparation.



Notes:

1. Solar panels (supplied separately)
2. External heat source (supplied separately or existing in a renovated system)
3. 3-way valve (supplied separately)
4. Underfloor heating system (supplied separately)
5. Domestic hot water (DHW) tank (supplied separately)
6. DHW tank heat exchanger (supplied separately)
7. DHW tank auxiliary electric heater (supplied separately)

Two Zone Control

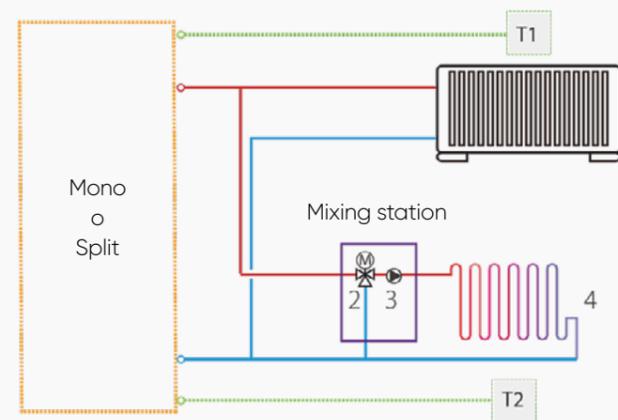
Two-zone control is available only in heating mode. The unit can manage different zones to deliver varying temperatures, meeting diverse daily usage needs.

1. Using only the device's wired controller

The wired controller is used to set the operating mode, temperatures, and to turn the device on/off. Zone 1 is controlled based on the supply water temperature, while Zone 2 is controlled either by the supply water temperature or the room temperature sensor built into the wired controller.

2. Using the device's wired controller and a thermostat

The wired controller is used to set the operating mode and water temperature. Both zones are controlled via the thermostat.



Notes:

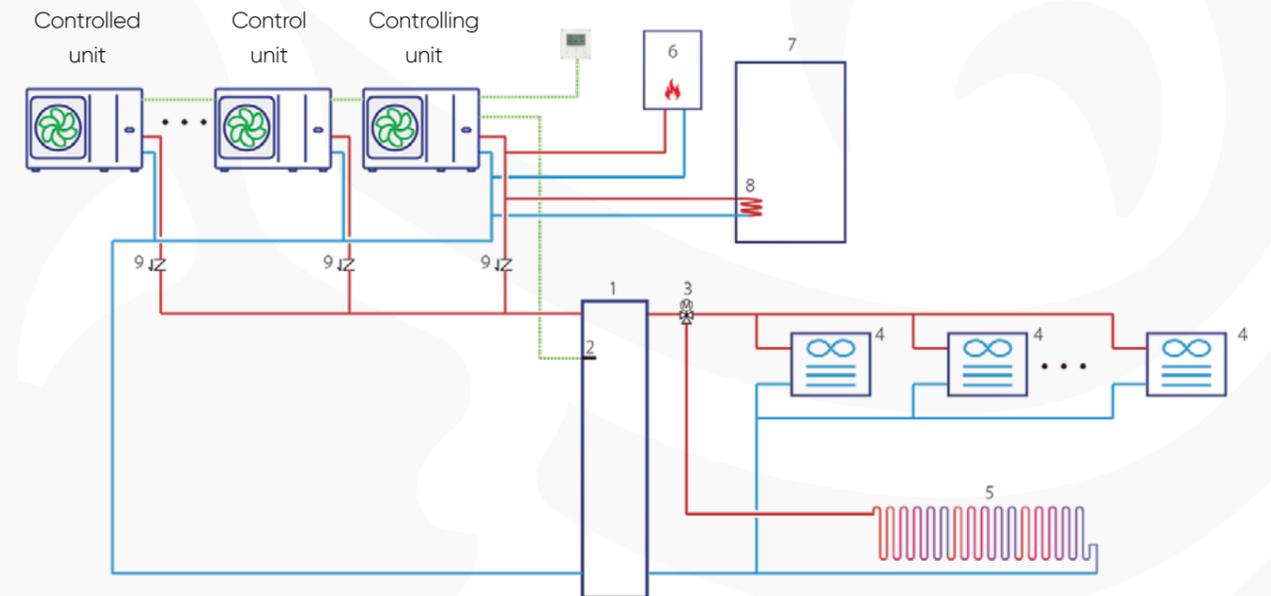
1. Radiator (supplied separately)
2. 3-way valve (supplied separately)
3. Circulation pump (supplied separately)
4. Underfloor heating system (supplied separately)
- T1, T2 – room thermostats (supplied separately)

Parallel Mono Unit Connection (Cascade)

Parallel Mono unit connection is an ideal solution for expanding system capacity when heating/cooling demands increase. Up to 6 units in a single system can be managed with one controller. The control of the water temperature in the accumulation (buffer) tank ensures optimal system performance.

The hot water preparation tank can only be connected to the primary unit's circulation system via a 3-way valve and is controlled by the primary unit.

An external heat source can also only be connected to the primary unit's circulation system and is managed by the primary unit.



Notes:

1. Accumulation (buffer) tank (supplied separately)
2. Accumulation (buffer) tank temperature sensor (supplied separately)
3. 3-way valve (supplied separately)
4. Fan coil unit (supplied separately)
5. Underfloor heating system (supplied separately)
6. External heat source (supplied separately or existing in a renovated system)
7. Domestic hot water (DHW) tank (supplied separately)
8. DHW tank heat exchanger (supplied separately)
9. Check valve (supplied separately)





DC FAN COIL UNITS



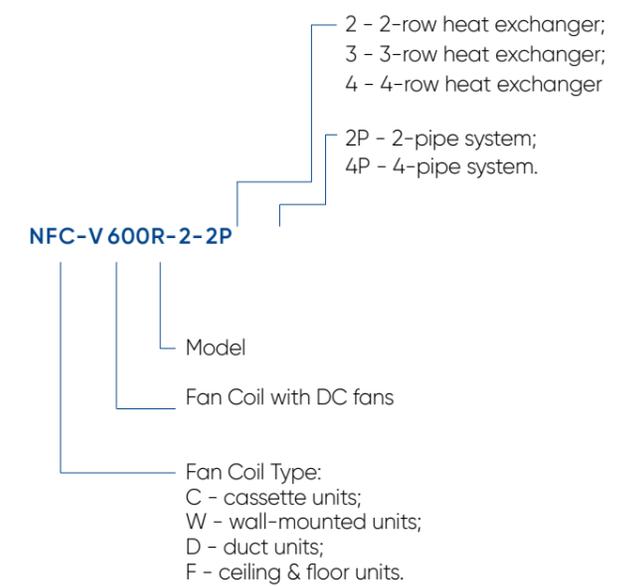
Low Operating Costs.
Optimal Energy Consumption.
Long Life Cycle

NØRDIS DC Fan Coil Units are designed to be universally suitable for different environments and circumstances.

Four different types – 4-way Cassette units, duct units, wall-mounted units, and ceiling & floor units – are easily integrated into various indoor technical structures and additional equipped systems. The equipment in the range is ideal for a wide range of premises that require the highest air quality standards, including hospitals, offices, hotels, airports, and more.

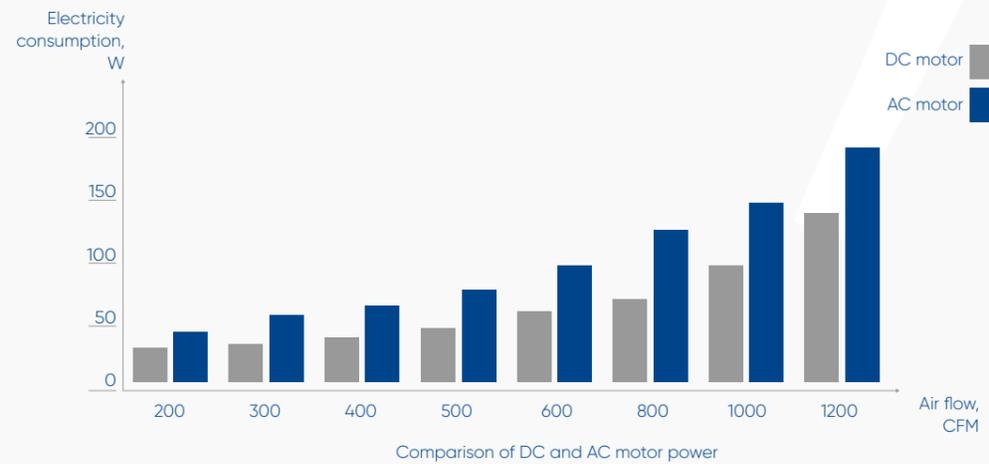
NØRDIS DC Fan Coils are an economical and high-quality solution for various cooling and heating needs.

Nomenclature



Features of NØRDIS Fan Coils

Economy



CE Comply with CE Regulation

The energy consumption of NØRDIS DC Fan Coils is up to 30% lower compared to the corresponding AC type device.

The Latest Technology

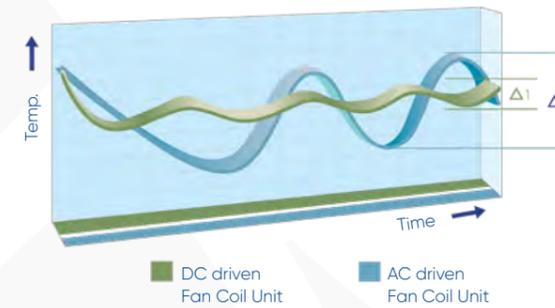


DC driven motor

DC Brushless Fan Motor

The latest in energy-efficient devices are carefully crafted with cutting-edge DC technology. These devices work precisely, guaranteeing not just lower energy usage but also quiet performance. The technology not only emphasizes sustainability but also sets new standards for comfort and efficiency.

Comfort Guaranteed



Quiet Operation

NØRDIS DC Fan Coil units are 2-5 dB (A) lower in noise compared to AC motor fan coil units, creating a quiet environment for work and rest.

Constant Level of Air Temperature

The NØRDIS DC Fan Coil motor adjusts the air flow according to the thermal load, instantly reducing temperature fluctuations and improving the living environment.

Universal Adjustment



Cassette Fan Coil Unit



Wall-mounted Fan Coil Unit



Duct Fan Coil Unit



Ceiling&Floor Fan Coil Unit

The range of NØRDIS DC Fan Coils includes four types of units: cassette unit, Ceiling&Floor unit, duct unit, and wall-mounted unit. The air volume ranges from 250 m³/h to 2500 m³/h. It is a versatile range, suitable for any residential, commercial, or public space.



NØRDIS Fan Coil Units



One of the most versatile ranges on the market

Four different types:

- 4-way cassette units,
- duct units,
- wall mounted units,
- ceiling&floor units.

Fan Coils are easily integrated into various technical structures and additionally equipped systems.

With an airflow range of 250 m³/h to 2500 m³/h, the equipment in the range is perfect for a variety of environments that require the highest air quality standards, including hospitals, offices, hotels, airports, etc.

TYPES OF NØRDIS FAN COIL UNITS					Air volume (CFM)
Ceiling & Floor	Wall-mounted	Duct	Compact 4-way cassette	4-way cassette	
					150
○					200
○	○				250
	○	○	○		300
○					350
	○	○	○		400
					450
○	○	○	○		500
	○	○		○	600
○					700
				○	750
○		○			800
				○	850
					900
				○	950
		○			1000
		○		○	1200
				○	1500



NØRDIS NFC
CASSETTE FAN COIL UNITS



NØRDIS Cassette Fan Coils are advanced units designed for optimal performance, low noise level maintenance, and flexibility in installation and management. The innovative DC brushless fan motor not only ensures maximum comfort but also guarantees economical operation. Compared to traditional motors, it is extremely efficient, which reduces electricity consumption by up to 30%.

Due to the convenient design, the devices are easy to install and maintain.



Stylish 360° Panel with Large Airflow Outlet

A wide selection:
two models of different sizes are available.

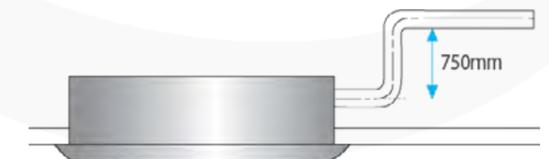
Compact size models:
NFC-V300
NFC-V400
NFC-V500

Standard size models:
NFC-V600R NFC-V950R
NFC-V750R NFC-V1200R
NFC-V850R NFC-V1500R

Thanks to the DC brushless fan motor, the device works extremely efficiently and quietly.

- Energy-saving: Reduces electricity consumption by up to 30%.
- Higher efficiency.
- Greater comfort: smaller fluctuations in temperature and relative humidity.
- Ultra-quiet operation.
- Lower wear and higher reliability.
- Longer motor life.

Includes drainage pump: standard built-in drain pump with 750 mm pump head for normal size and 500 mm for compact size.

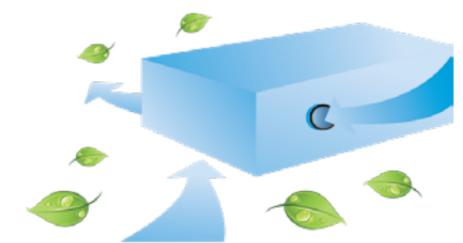
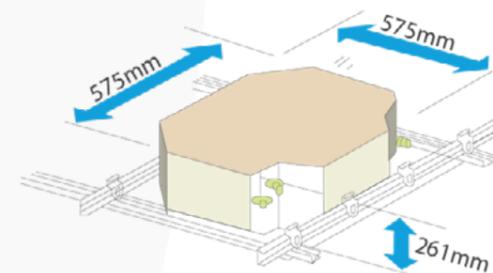


Extended condensate tray for greater ceiling protection.

Compact Design, Easy Installation

The extremely compact casing complements any room's decor and requires minimal space for installation, even on low ceilings. Thanks to its compact body and lightweight design, all models can be installed without the need for a hoist.

The cassette unit allows fresh air to enter, enhancing the overall air quality in the room.



Model		NFC-V300-2-2P	NFC-V400-2-2P	NFC-V500-2-2P
Power supply		V/F/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	535/429/322	610/477/381
		CFM	314/252/189	359/281/224
Cooling ¹	Capacity (H/M/L)	kW	2,98/2,53/2	3,96/3,26/2,76
	Water flow rate (H/M/L)	m³/h	0,53/0,45/0,35	0,7/0,58/0,51
	Water pressure drop (H/M/L)	kPa	10/7/5	11,48/8,2/6,54
	Power input (H/M/L)	W	15/9/5	28/15/9
Heating ²	Capacity (H/M/L)	kW	2,61/2,31/2,24	4,08/3,34/2,73
	Water flow rate (H/M/L)	m³/h	0,64/0,54/0,42	0,83/0,67/0,56
	Water pressure drop (H/M/L)	kPa	12,1/8,5/5,3	9,2/8,6/6
	Power input (H/M/L)	W	15/9/5	28/16/10
Heating ³	Capacity (H/M/L)	kW	4,01/3,35/2,61	4,78/3,84/3,18
	Water flow rate (H/M/L)	m³/h	0,53/0,45/0,35	0,7/0,58/0,51
	Water pressure drop (H/M/L)	kPa	8,2/6/3,8	12,68/6,4/4,92
	Power input (H/M/L)	W	14/9/5	28/16/10
Sound pressure level	(H/M/L)	dB (A)	39/33/27	42/36/30
Fan motor	Type	DC Motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1,6	
	Diameter	mm	Ø7	
Panel	Net dimensions (W×H×D)	mm	647×50×647	
	Packing size (W×H×D)	mm	715×123×715	
	Net weight	kg	2,5	
	Gross weight	kg	4,5	
Body	Net dimensions (W×H×D)	mm	575×261×575	
	Packing size (W×H×D)	mm	670×290×670	
	Net weight	kg	16,5	
	Gross weight	kg	22,5	
Pipe connections	Water inlet/outlet pipe	Inch	G3/4	
	Drain pipe	mm	Ø25	

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

Model		NFC-V600R-2-2P	NFC-V750R-2-2P	NFC-V850R-2-2P
Power supply		V/F/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	1175/987/768	1229/1020/810
		CFM	691/580/451	722/600/476
Cooling ¹	Capacity (H/M/L)	kW	5,93/5,3/4,4	6,12/5,45/4,6
	Water flow rate (H/M/L)	m³/h	1,06/0,92/0,77	1,10/0,96/0,81
	Water pressure drop (H/M/L)	kPa	19,2/15,4/11	21,3/21,3/12,4
	Power input (H/M/L)	W	41/27/17	49/31/20
Heating ²	Capacity (H/M/L)	kW	6,06/5,72/5,32	6,27/5,88/5,43
	Water flow rate (H/M/L)	m³/h	1,30/1,14/1,13	1,39/1,20/1,00
	Water pressure drop (H/M/L)	kPa	25,9/20,1/19,9	30/22,7/16,3
	Power input (H/M/L)	W	42/28/17	44/32/20
Heating ³	Capacity (H/M/L)	kW	8,42/7,37/6,06	8,62/7,49/6,27
	Water flow rate (H/M/L)	m³/h	1,06/0,92/0,77	1,10/0,96/0,81
	Water pressure drop (H/M/L)	kPa	16,9/12,7/8,6	19,1/14,8/10,6
	Power input (H/M/L)	W	42/28/17	49/31/19
Sound pressure level		dB (A)	43/39/33	44/40/34
Fan motor	Type	DC Motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1,6	
	Diameter	mm	Ø7	
Panel	Net dimensions (W×H×D)	mm	950×45×950	
	Packing size (W×H×D)	mm	1035×90×1035	
	Net weight	kg	6	
	Gross weight	kg	9	
Body	Net dimensions (W×H×D)	mm	840×230×840	
	Packing size (W×H×D)	mm	900×237×900	
	Net weight	kg	23	
	Gross weight	kg	28	
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	
	Drain pipe	mm	Ø32	

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

Model		NFC-V950R-2-2P	NFC-V1200R-2-2P	NFC-V1500R-3-2P
Power supply		V/F/Hz	220-240/1/50	
Air flow (H/M/L)		m³/h	1530/1224/1101	1581/1371/1236
		CFM	900/720/647	930/806/727
Cooling ¹	Capacity (H/M/L)	kW	7,84/6,84/6,35	7,87/7,12/6,67
	Water flow rate (H/M/L)	m³/h	1,43/1,24/1,13	1,44/1,28/1,22
	Water pressure drop (H/M/L)	kPa	22/17/14,1	22,3/18,1/16,3
	Power input (H/M/L)	W	75/42/34	85/59/45
Heating ²	Capacity (H/M/L)	kW	8,49/8/7,35	9,16/8,54/7,9
	Water flow rate (H/M/L)	m³/h	1,71/1,45/1,33	1,73/1,57/1,46
	Water pressure drop (H/M/L)	kPa	28,1/20,7/17,4	28,8/24/20,7
	Power input (H/M/L)	W	76/43/33	86/59/45
Heating ³	Capacity (H/M/L)	kW	10,86/9,24/8,49	10,92/9,84/9,16
	Water flow rate (H/M/L)	m³/h	1,43/1,24/1,13	1,44/1,28/1,22
	Water pressure drop (H/M/L)	kPa	19,9/15,2/12,6	20/16,2/14,7
	Power input (H/M/L)	W	76/42/33	85/58/45
Sound power pressure	(H/M/L)	dB (A)	46/42/39	48/44/41
Fan motor	Type	DC Motor		
	Quantity	1		
Fan	Type	Centrifugal, forward-curved Blades		
	Quantity	1		
Coil	Row quantity	2		
	Max. Working pressure	MPa	1,6	
	Diameter	mm	Ø7	
Panel	Net dimensions (W×H×D)	mm	950×45×950	
	Packing size (W×H×D)	mm	1035×90×1035	
	Net weight	kg	6	
	Gross weight	kg	9	
Body	Net dimensions (W×H×D)	mm	840×300×840	
	Packing size (W×H×D)	mm	900×330×900	
	Net weight	kg	27	
	Gross weight	kg	33	
Pipe connections	Water inlet/outlet pipe	Inch	RC3/4	
	Drain pipe	mm	Ø32	

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

Notes:

H:High fan speed; M: Medium fan speed; L: Low fan speed.

¹ Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

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

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

⁴ Noise is tested in a semi-anechoic test room.

⁵ Sound power level is tested in a reverberation chamber.



The NØRDIS Duct Fan Coil is a powerful and versatile device capable of operating within a wide range of static pressure. With convenient pipe connections, installation is flexible and straightforward, making it suitable for various locations. The integration of a DC brushless fan motor ensures high efficiency and low noise. Additionally, the device comes equipped with a standard return air collector featuring a filter, ensuring the supply of clean air and maintaining a stable airflow.

Various Selections:

accommodates a wide range of static pressure.

The Duct Unit allows fresh air to enter, enhancing the overall air quality in the room.



Thanks to the DC brushless fan motor, the device works extremely efficiently and quietly.

Standard return air filter for clean air supply and stable air flow.

NØRDIS NFD
DUCT FAN COIL UNITS

Model		NFD-V200-4-2P	NFD-V300-4-2P	NFD-V400-4-2P	NFD-V500-4-2P	
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	884/642/461	
	CFM	259/174/133	368/275/198	458/316/205	520/377/271	
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	4,46/3,56/2,78
	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	0,80/0,63/0,50
	Water pressure drop (H/M/L)	kPa	2,44/1,52/1	5,24/3,61/2,36	8,4/5,9/3,49	11,6/8,1/5,6
	Power input (H/M/L)	W	17-9-6	21-12-7	29/16/9	43/23/14
Heating ²	Capacity (H/M/L)	kW	2,81/2/1,54	3,88/3,09/2,35	4,19/3,42/2,49	5,44/4,23/3,23
	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	0,96/0,76/0,57
	Water pressure drop (H/M/L)	kPa	2/1,76/1,2	4,3/4,29/2,8	6,99/6,4/3,8	10,64/9,83/6,68
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	6,25/4,88/3,74
	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	0,80/0,63/0,50
	Water pressure drop (H/M/L)	kPa	2,99/1,2/0,71	5,85/3,1/1,9	9,1/4,9/2,8	14,06/7,6/5,5
Sound power pressure (H/M/L)	OPa (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
	Fan motor	Type	DC Motor	DC Motor	DC Motor	DC Motor
Fan	Quantity	1	1	1	1	
	Type	Centrifugal, forward-curved Blades				
Coil	Row quantity	4	4	4	4	
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6
Net dimensions (W×H×D)	Diameter	mm	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52
	mm	741×241×522	841×241×522	941×241×522	941×241×522	
Packing size (W×H×D)	mm	790×260×555	890×260×560	990×260×560	990×260×560	
Net weight	kg	17,8	20	21,9	21,9	
Gross weight	kg	20,4	22,9	25,1	25,1	
Water inlet/outlet pipe	Inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	Inch	ZG3/4	ZG3/4	ZG3/4	ZG3/4	

Model		NFD-V600-4-2P	NFD-V800-4-2P	NFD-V1000-4-2P	NFD-V1200-4-2P	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1056/793/575	1506/1084/822	1813/1341/932	2134/1617/1119	
	CFM	621/466/338	885/637/483	1066/788/548	1255/951/658	
Standard external static pressure	Pa	12Pa (default); 30/50Pa can be set through dial switch on PCB				
Cooling ¹	Capacity (H/M/L)	kW	5,87/4,78/3,68	6,65/5,04/3,61	7,98/6,19/4,37	9,76/7,81/5,72
	Water flow rate (H/M/L)	m³/h	1,06/0,86/0,65	1,19/0,88/0,64	1,47/1,12/0,78	1,78/1,41/1,02
	Water pressure drop (H/M/L)	kPa	19,4/13,6/8,5	8,8/5,09/2,8	13,81/8,63/4,75	22,31/15/8,98
	Power input (H/M/L)	W	51/25/12	61/27/16	93/49/21	109/50/22
Heating ²	Capacity (H/M/L)	kW	6,47/5,18/3,91	8,36/6,32/4,77	9,92/7,94/5,86	11,76/9,32/6,76
	Water flow rate (H/M/L)	m³/h	1,11/0,90/0,67	1,43/1,12/0,86	1,68/1,35/1,00	2,01/1,60/1,15
	Water pressure drop (H/M/L)	kPa	16,31/12,6/7,41	7,7/6,97/4,3	19,72/18,9/11,1	20,04/16,93/9,62
Heating ³	Capacity (H/M/L)	kW	7,72/6,19/4,68	9,55/7,14/5,23	11,55/9/6,46	14,34/11,31/8,3
	Water flow rate (H/M/L)	m³/h	1,06/0,86/0,65	1,19/0,88/0,64	1,47/1,12/0,78	1,78/1,41/1,02
	Water pressure drop (H/M/L)	kPa	17,92/11,31/7	10,9/4,49/2,5	15,42/7,5/4,1	24,94/13,46/13,48
Sound power pressure (H/M/L)	OPa (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
	Fan motor	Type	DC Motor	DC Motor	DC Motor	DC Motor
Fan	Quantity	1	2	2	2	
	Type	Centrifugal, forward-curved Blades				
Coil	Row quantity	4	4	4	4	
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6
Net dimensions (W×H×D)	Diameter	mm	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52
	mm	1161×241×522	1461×241×522	1566×241×522	1856×241×522	
Packing size (W×H×D)	mm	1210×260×560	1510×260×560	1615×260×560	1905×260×560	
Net weight	kg	25	34,8	36,4	41,9	
Gross weight	kg	28,8	39,2	41,9	47,2	
Water inlet/outlet pipe	Inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	Inch	ZG3/4	ZG3/4	ZG3/4	ZG3/4	

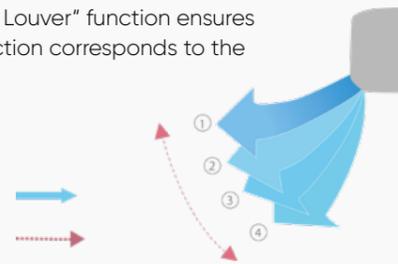


The NØRDIS wall-mounted Fan Coil features a stylish LED display, ensuring convenient control. This Fan Coil is a perfect match for any interior. The energy-saving DC motor, integrated into the device, guarantees reliable and efficient use with economical energy consumption. Seamless integration with other systems is also ensured. The included remote control provides convenient access to all functions, making it easy to operate.

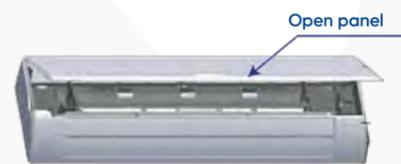
The stylish front panel easily integrates into various interior decors, making it suitable for use in shops, restaurants, or offices.

The „Auto Swing Louver“ function ensures that the air direction corresponds to the mode selected.

Step
Swing



Removable front panel making maintenance convenient.

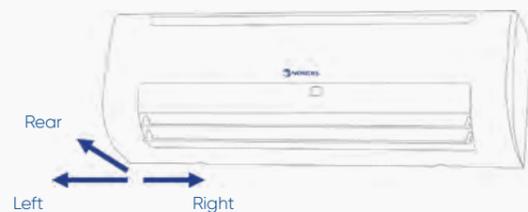


NØRDIS NFW

WALL-MOUNTED FAN COIL UNITS

Multidirectional pipe connection:

Standard pipe connection from the right-hand side. The drain pipe is connected from the left-hand side. Optional configuration: rear or left-hand side pipe connection available upon special order.



Model		NFW-V250C-2P	NFW-V300C-2P	NFW-V400C-2P	NFW-V500C-2P	NFW-V600C-2P	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	492/454/400	585/485/413	825/689/590	862/741/634	979/849/717	
	CFM	289/267/235	344/285/242	485/405/347	507/435/372	575/499/421	
Cooling ¹	Capacity (H/M/L)	kW	2,7/2,59/2,39	2,91/2,54/2,19	3,81/3,3/2,88	4,47/3,98/3,48	4,87/4,26/3,79
	Water flow rate (H/M/L)	m ³ /h	0,48/0,46/0,42	0,51/0,45/0,38	0,67/0,57/0,51	0,77/0,68/0,61	0,85/0,72/0,65
	Water pressure drop (H/M/L)	kPa	31,61/28,63/25,36	37,2/29,73/23,36	56,75/41,23/33,02	41,17/33,54/27,05	50,68/39,47/33,66
	Power input (H/M/L)	W	13/11/10	15/11/9	34/22/15	26/18/13	38/26/18
Heating ²	Capacity (H/M/L)	kW	2,94/2,8/2,58	3,23/2,77/2,42	4,3/3,65/3,09	4,84/4,23/3,62	5,26/4,68/3,96
	Water flow rate (H/M/L)	m ³ /h	0,51/0,49/0,46	0,56/0,49/0,42	0,73/0,64/0,56	0,84/0,73/0,64	0,89/0,80/0,68
	Water pressure drop (H/M/L)	kPa	32,66/34,89/30,24	34,12/31,53/25,1	51,86/47,53/35,69	36,82/33,83/26,26	47,12/42,75/32,95
	Power input (H/M/L)	W	11/11/9	14/10/8	31/20/14	22/16/12	33/23/16
Heating ³	Capacity (H/M/L)	kW	3,29/3,03/2,63	3,76/3,22/2,77	5,08/4,33/3,77	5,68/4,94/4,24	6,31/5,57/4,77
	Water flow rate (H/M/L)	m ³ /h	0,48/0,46/0,42	0,51/0,45/0,38	0,67/0,57/0,51	0,77/0,68/0,61	0,85/0,72/0,65
	Water pressure drop (H/M/L)	kPa	37,49/30,25/26,53	40,64/27,03/20,98	61,94/37,88/30,34	43,74/29,69/23,98	51,65/36,3/30,3
	Power input (H/M/L)	W	12/10/8	14/10/8	31/20/14	23/16/12	33/23/16
Sound power level (H/M/L)	dB (A)	44/42/39	44/39/35	57/51/47	50/46/42	56/52/47	
Rated current	A	0,16	0,19	0,28	0,32	0,39	
Fan motor	Type	DC motor					
	Quantity	1	1	1	1	1	
Fan	Type	Tangential	Tangential	Tangential	Tangential	Tangential	
	Quantity	1	1	1	1	1	
Coil	Row Quantity	2	2	2	2	2	
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6	
	Diameter	mm	Ø7	Ø7	Ø7	Ø7	
Net dimensions (W×H×D)	mm	915×290×234	915×290×234	915×290×234	1072×315×237	1072×315×237	
Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315	
Net weight	kg	12,7	12,7	12,7	15,1	14,9	
Gross weight	kg	17,3	17,6	16,3	19	18,6	
Water inlet/outlet pipe	Inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODØ20	ODØ20	ODØ20	ODØ20	ODØ20	

Notes:

H: High fan speed; M: Medium fan speed; L: Low fan speed.

¹ Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°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 teperature/water flow 50°C/*(same water flow as in standard rating condition in cooling).



NØRDIS NFF2

CEILING & FLOOR FAN COIL UNITS

NØRDIS Ceiling & Floor Fan Coil can be installed both vertically - on the wall, and horizontally - on the ceiling. Due to its universal installation, it is one of the most popular types of Fan coils.

The units have a unique air outlet shape that reduces uneven air distribution and noise levels, resulting in a comfortable and quiet environment. Three-stage fan speeds allow you to control the airflow according to individual needs.

Flexible Installation

in both vertical and horizontal positions.



Features:

- Auto mode and a seven-speed fan motor.
- Ultra-thin design with a thickness of only 200 mm.
- Hysteresis temperature can be set in heating and cooling modes using a switch on the control board.
- Forced ventilation can be activated with a switch on the control panel.
- Centralized control function (BMS) can be connected through the custom XYE port.
- Gateway (Modbus) can be connected through the custom PQE port.
- Optional wired controller KJR-75A.
- Optional 0-10V wired control.

Thanks to the DC brushless fan motor, the device works extremely efficiently and quietly.



Model			NFF2-V150-3-2P	NFF2-V250-3-2P	NFF2-V350-3-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	255/170/150	400/315/190	595/470/340
		CFM	150/100/88	235/185/112	350/276/200
Standard external static pressure		Pa	0		
Cooling ¹	Capacity (H/M/L)	kW	1,50/1,06/0,92	2,35/1,94/1,19	3,50/2,89/2,22
	Water flow rate (H/M/L)	m ³ /h	0,26/0,18/0,16	0,40/0,34/0,21	0,60/0,50/0,38
	Water pressure drop (H/M/L)	kPa	13,9/8,21/6,16	13,3/9,98/4,59	34,1/24,63/15,39
Heating ²	Capacity (H/M/L)	kW	1,57/1,07/0,92	2,60/2,11/1,34	3,80/3,10/2,35
	Water flow rate (H/M/L)	m ³ /h	0,27/0,19/0,16	0,45/0,37/0,23	0,65/0,53/0,40
	Water pressure drop (H/M/L)	kPa	15,1/7,63/5,84	14,3/10,33/4,5	35,1/24,41/14,82
Power input (H/M/L)		W	15/9/8	17/12/7	26/17/10
Sound power level (H/M/L) ³		dB (A)	47/36/34	43/37/29	52/44/36
Fan motor	Type	Low noise DC fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		1	2	2
Coil	Row quantity		3	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	Ø794	Ø794	Ø794
Body	Net dimensions (W×H×D)	mm	790×495×200	1020×495×200	1240×495×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300
	Net weight	kg	18,0	21,5	25,5
	Gross weight	kg	23,5	27,5	32,5
Water inlet/outlet pipe		Inch	G3/4	G3/4	G3/4
Drain pipe		mm	Ø18,5	Ø18,5	Ø18,5

Model			NFF2-V500-3-2P	NFF2-V700-3-2P	NFF2-V800-3-2P
Power supply		V/F/Hz	220-240/1/50		
Air flow (H/M/L)		m ³ /h	790/580/410	1190/855/505	1360/1015/685
		CFM	488/359/253	700/503/297	800/597/403
Standard external static pressure		Pa	0		
Cooling ¹	Capacity (H/M/L)	kW	4,30/3,48/2,71	5,60/4,47/3,14	7,35/6,12/4,57
	Water flow rate (H/M/L)	m ³ /h	0,74/0,60/0,47	0,96/0,77/0,54	1,27/1,05/0,79
	Water pressure drop (H/M/L)	kPa	54,2/36,22/22,78	50,7/33,38/17,73	44,1/33,7/19,41
Heating ²	Capacity (H/M/L)	kW	4,70/3,70/2,81	6,00/4,77/3,36	8,05/6,46/4,71
	Water flow rate (H/M/L)	m ³ /h	0,81/0,64/0,48	1,04/0,83/0,59	1,39/1,12/0,82
	Water pressure drop (H/M/L)	kPa	54,3/36,87/22,32	55,5/37,66/19,27	46,9/31,9/18,16
Power input (H/M/L)		W	50/25/14	96/44/17	113/53/22
Sound power level (H/M/L) ³		dB (A)	59/51/43	64/56/45	63/58/49
Fan motor	Type	Low noise DC fan motor			
	Quantity		1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity		2	3	3
Coil	Row quantity		3	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	Ø794	Ø794	Ø794
Body	Net dimensions (W×H×D)	mm	1240×495×200	1360×495×200	1360×591×200
	Packing size (W×H×D)	mm	1345×595×300	1465×595×300	1465×695×300
	Net weight	kg	25,5	28,5	32,5
	Gross weight	kg	32,5	36,0	41,0
Water inlet/outlet pipe		Inch	G3/4	G3/4	G3/4
Drain pipe		mm	Ø18,5	Ø18,5	Ø18,5

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

Notes:

H: H: High fan speed; M: Medium fan speed; L: Low fan speed.

¹ Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.

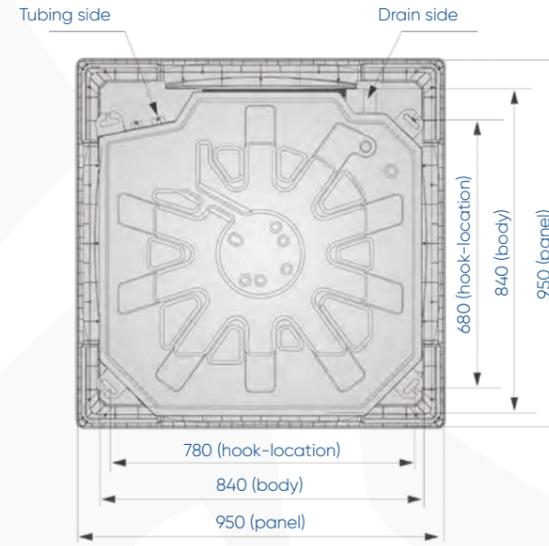
² Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.

³ Noise is tested in a reverberation chamber.



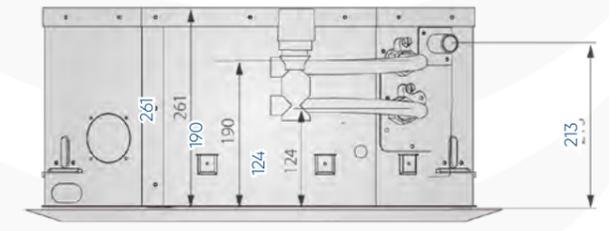
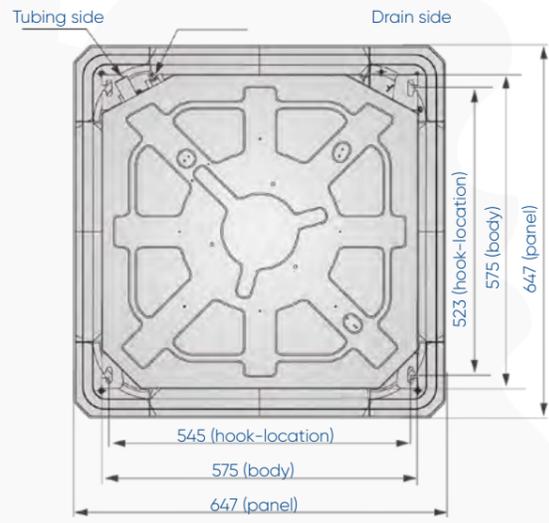
Dimensions

Standard 4-Way Cassette Fan Coil Units (Dimensions: mm)

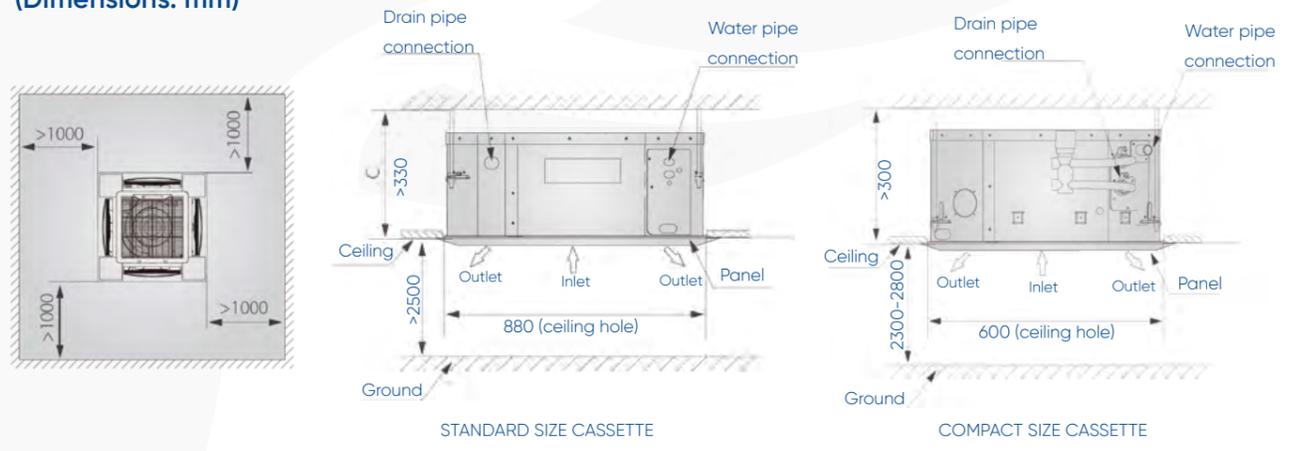


Model	A	B	C	D
NFC-V600R-2-2P NFC-V750R-2-2P	230	170	135	185
NFC-V950R-2-2P NFC-V1200R-2-2P NFC-V1500R-3-2P	300	190	145	195

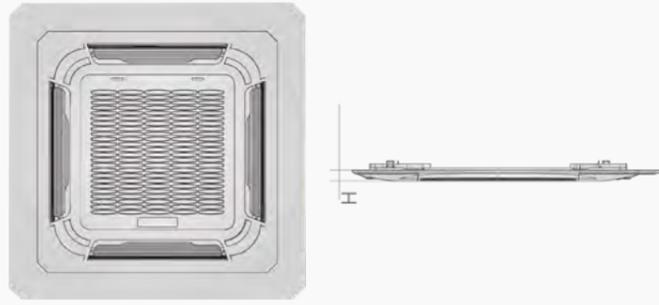
Compact 4-Way Cassette Fan Coil Units (Dimensions: mm)



Service Areas (Dimensions: mm)

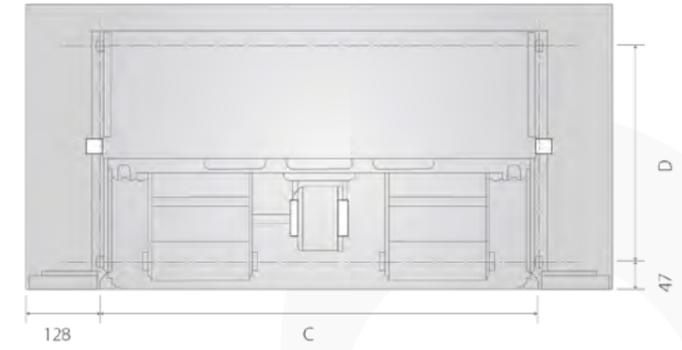
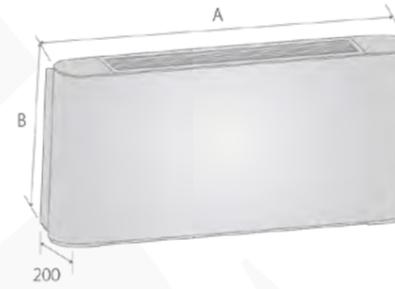


Height of the Front Panel

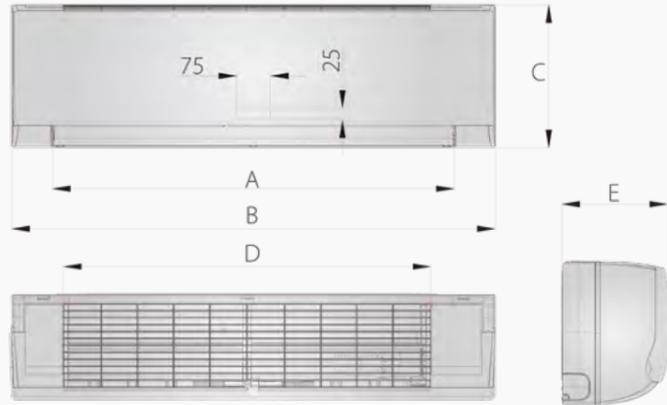


Type	H (mm)
Standard-sized cassette	45
Compact-sized cassette	50

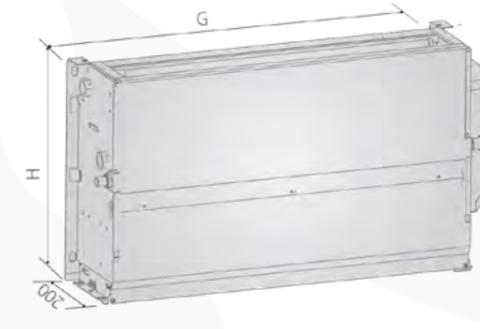
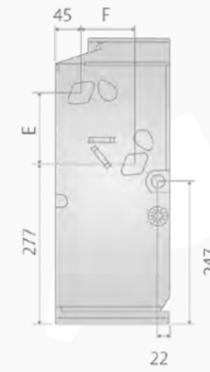
Ceiling&Floor



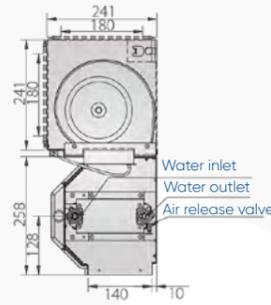
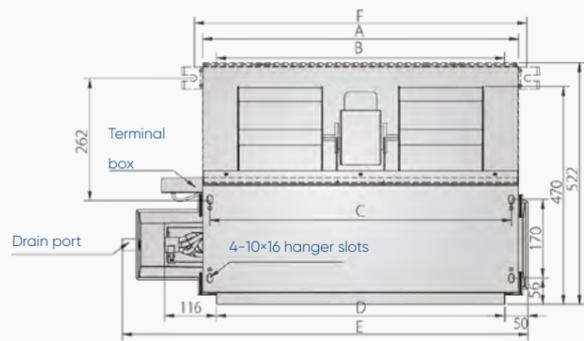
Wall Mounted



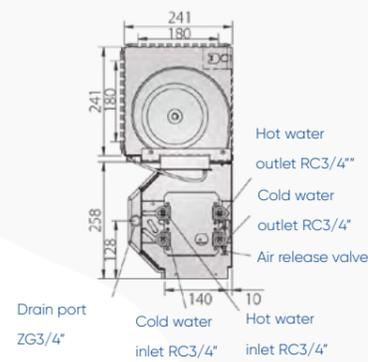
Model	NFW-V250C-2P NFW-V300C-2P NFW-V400C-2P	NFW-V500C-2P NFW-V600C-2P
A	732	892
B	915	1072
C	290	315
D	663	813
E	233	237



Ducted Fan Coil Units



2 PIPE DUCT



4 PIPE DUCT

Smart Control Solutions

Wall-mounted and Cassette Fan Coils are equipped with a standard remote control, and Ceiling&Floor ones with a wired controller can be installed in the device. Controllers suitable for specific models are specified in the technical documentation.

With certain adaptations, these devices can also be connected to BMS systems.



Control Devices
Accessories
Application of Central Control &
BMS Control

Wireless Remote Controllers



NC-RM12A

Functions:
LCD display screen
Mode control
Fan speeds control
Time setting / Temp. setting / Swing setting

Applicable FCUs:
4-way cassette NFC (standard)
Wall-mounted NFW (standard)

Wireless Remote Controls



NC-29B

Functions:
Receiving remote signal
Mode control
Fan speeds control
Temp. setting

Applicable FCUs:
Cassette NFC / Wall-mounted NFW (optional)



NC-75A

Functions:
LED display screen
Mode control
Seven speed fan control
Temp. setting

Applicable FCUs:
Ceiling&Floor NFF2 (standart)
One-way cassette NFC (optional)



NC-86A/M

Functions:
LCD display screen
Mode/Electric heater control
Fan speeds control
Timer / Temp. setting
ECO setting/reminder
Compatible with Modbus
KJR-18B/E

Applicable FCUs:
Duct NFD (optional)



Functions:
Mechanical thermostat
Mode control
Fan speeds control
Temp. setting

Applicable FCUs:
Duct NFD without electric heater (optional)

Centralized Controllers



CCM09

Functions:
Weekly schedule function
Large LCD display screen
Max. of 64 FCUs can be controlled by a CCM09
Mode control / fan speed control
Time setting / temp. setting / swing setting

Applicable FCUs:
All FCUs (non-PCB FCUs need adding PC board control kit)



CCM30

Functions:
Touch-style keys
Large LCD display screen
Max. of 64 FCUs can be controlled by a CCM30
Mode control / fan speed control
Time setting / temp. setting / swing setting

Applicable FCUs:
All FCUs (non-PCB FCUs need adding PC board control kit)

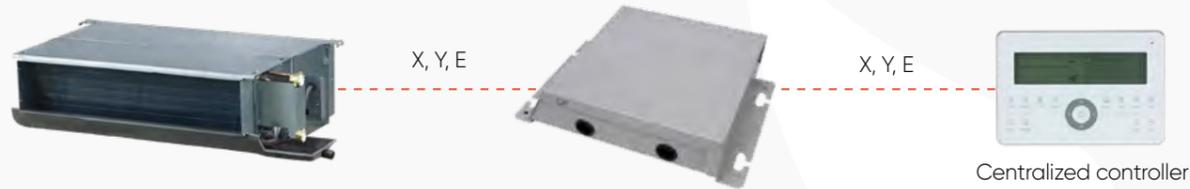
Accessories

PC Board Control Kit for FCU



- Available for all non-PCB FCUs.
- Flexibility installation: can be attached to the unit, mounted on a wall or hung under a ceiling.
- External installation making maintenance more convenient.
- Functions: three fan speeds control, Water pump control, Long-distance ON/OFF control, ALARM function, electric heater control.
- Operating status can be displayed by wired controller lamp indicator.
- Centralized control function.
- BMS control function through Modbus protocol.

Centralized Control



Model	CE-FCUKZ-03		CE-FCUKZ-04
Applicable appliance	2-pipe FCUs		4-pipe FCUs
Power supply	V/F/Hz	220~240-1-50/60	
Operating range	Room temp.	°C	17-30
	Inlet water temp.	°C	3-75
Temp. controlling precision		°C	±1
Net dimension	W×H×D	mm	296×66×212
Packing size	W×H×D	mm	410×115×262
Net weight		kg	1,4
Gross weight		kg	2,5

Notes:

Duct series need PCB kit to connect Centralized controller.

Valve Kit



Notes:

The valve kit includes valve, actuator and connecting pipe. For different model of units, the models of valve kit are difference.

DN (mm)	Inner Screw Thread	Applicable Appliance
15	1/2'	For 4-pipe cassette and ceiling&floor (for cold water)
20	3/4'	For 2-pipe FCU,4-pipe duct, 4-pipe cassette and ceiling&floor (for cold water).



Note:

When connecting to BMS through the BACnet protocol, a custom version of CCM30 was required.



**More information
about NØRDIS**
heating and cooling
solutions



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