



NV6 SERIES VRF

Central Air Conditioning
systems

2026



CONTENT

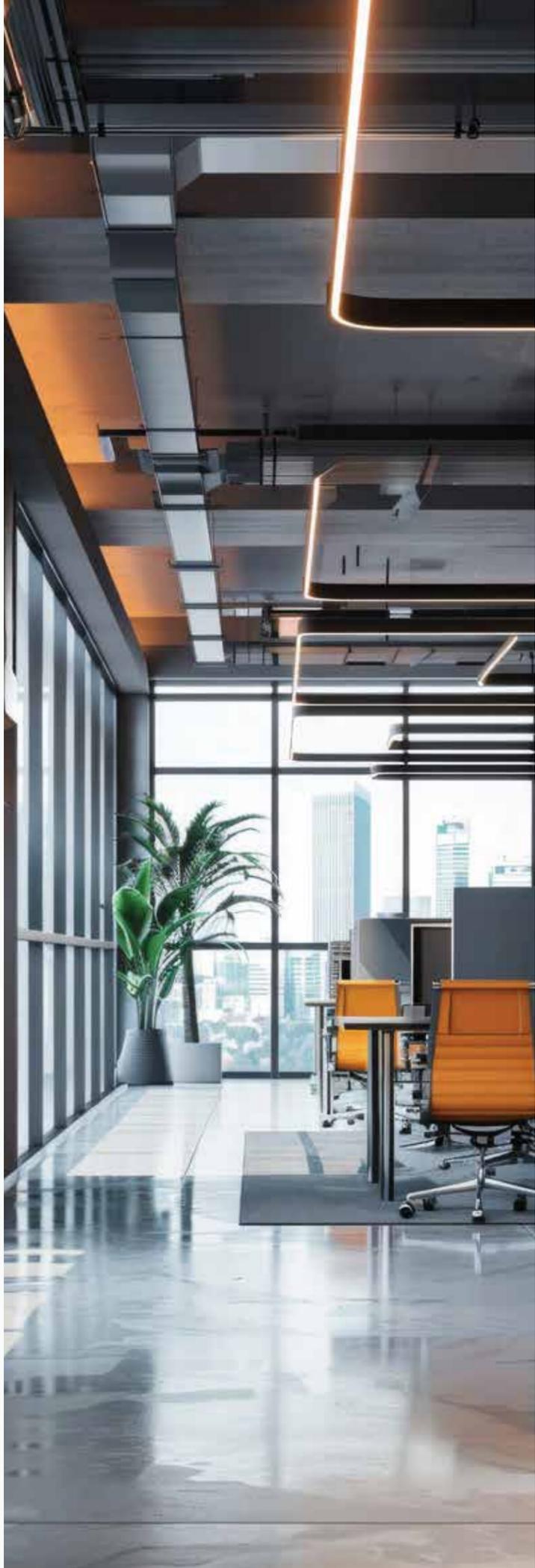
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SOLUTIONS ADAPTED FOR ANY SPACE

Nordis VRF (Variable Refrigerant Flow) systems are advanced air conditioning solutions designed to deliver precise comfort, superior efficiency, and exceptional flexibility for any type of building.

Perfect for commercial, industrial, and residential applications, they allow multiple indoor units to be connected to a single outdoor unit, providing independent temperature control for each zone.



High Efficiency and Powerful Performance

NØRDIS NV6+ series outdoor units feature a full DC inverter system with twin rotary compressors, ensuring high efficiency at both full and partial load conditions. This technology provides stable, quiet, and energy-saving operation, perfectly balancing performance and comfort.



Reliable Operation with Multi-Level Protection

The units are equipped with triple backup operation technology, allowing continuous system performance even if one compressor, fan, or module fails. A comprehensive protection system includes safeguards against overpressure, overcurrent, low voltage, overheating, phase errors, lightning, and electromagnetic interference, ensuring long-lasting reliability in demanding environments.



Flexible Installation and System Scalability

With a compact structure and super-long piping design of up to 1100 meters, NØRDIS VRF systems offer exceptional flexibility for complex building layouts. A single system can connect up to 80 indoor units, while the three-direction pipe connection design (front, side, and rear) simplifies installation even in limited spaces.



Wide Operating Temperature Range

NØRDIS VRF systems are designed to perform efficiently across extreme climates – from -30°C to +56°C – providing dependable cooling and heating throughout the year, regardless of seasonal or environmental conditions.



Certified by Eurovent

This certification guarantees that NØRDIS VRF systems deliver true, tested performance, offering confidence to installers, engineers, and end users alike. It also demonstrates that NØRDIS products fully comply with European energy efficiency and environmental standards, ensuring sustainable comfort solutions for modern buildings.



OUTDOOR UNITS LINEUP

NØRDIS VRF Systems outdoor unit module has only 4 basic structures with the same height, which simplifies the design process and improves the flexibility of the system.

These units allow the freedom to connect the piping in multiple directions, such as front side, left side, right side and back side, making installation easier.



25,2-33,5 kW



40-61,5 kW



68-73 kW



78,5-90 kW

Model		NV6-252-T3/R1-ODU	NV6-280-T3/R1-ODU	NV6-335-T3/R1-ODU	NV6-400-T3/R1-ODU	NV6-450-T3/R1-ODU	NV6-504-T3/R1-ODU	NV6-560-T3/R1-ODU	NV6-615-T3/R1-ODU	NV6-680-T3/R1-ODU	NV6-730-T3/R1-ODU	NV6-785-T3/R1-ODU	NV6-850-T3/R1-ODU	NV6-900-T3/R1-ODU	
Cooling capacity	Capacity	kW	25,2	28	33,5	40	45	50,4	56	61,5	68	73	78,5	85	90
	Input	kW	7,85	8,89	12,50	14,55	18,00	19,53	24,24	30,00	31,48	39,46	34,43	39,91	45,00
	Current	A	12,52	14,18	19,94	23,21	28,71	31,15	38,66	47,85	50,21	61,00	54,95	63,72	71,77
Heating capacity	Capacity	kW	25,2	28	33,5	40	45	50,4	56	61,5	68	73	78,5	85	90
	Capacity Max	kW	27	31,5	37,5	45	50	56	63	69	75	81,5	87,5	95	100
	Input	kW	6,00	7,18	9,10	11,43	15,00	13,81	16,09	18,69	18,63	24,75	23,79	26,15	28,13
	Current	A	9,57	11,45	14,51	18,21	23,92	22,03	25,68	29,82	29,71	39,47	37,91	41,67	44,86
SEER			7,35	7,26	7,05	6,75	6,25	6,61	6,41	6,2	6,5	5,5	6,26	6,16	5,97
SCOP			4,5	4,45	4,4	4,42	4,39	4,4	4,35	4,3	4,5	4,1	4,28	4,2	4,2
Power supply		V/Ph/Hz	380-415~/3/50												
Sound pressure / Sound power		dB(A)	56/83	57/84	58/86	59/90	60/93	61/93	61/93	62/93	63/93	64/93	66/93	66/93	66/93
Max, Power		kW	11,30	12,43	13,73	18,40	21,39	23,70	26,07	31,49	33,27	41,25	39,44	41,25	48,70
Max, Current		A	20,03	22,03	24,33	32,6	37,9	42	46,2	55,8	58,95	66,9	69,9	73,1	79,06
Circuit breaker		A	25	25	32	40	40	50	63	63	63	80	80	80	80
Compressor	Freg. Range	Hz	20-120												
	Crankshaft heating belt	W	70												
	Band		GMCC												
	Quantity		1	1	1	1	1	1	1	1	2	2	2	2	2
Outdoor fan motor	Model		Welling												
	Type		Brushless DC motor												
	Qty		1	1	1	1	1	2	2	2	2	2	2	2	2
	Safe Class		IP24												
Output	W		560	560	560	920	920	560	560	560	920	920	920	920	920
			560	560	560	920	920	560	560	560	920	920	920	920	920
Air volume		m ³ /h	11000	11000	11500	13500	14000	19000	19000	20000	26000	26000	29000	29000	29000
Connecting Pipe	Liquid	Inches	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
	Gas	Inches	3/4"	7/8"	1"	1"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	5/4"	5/4"	1 1/8"	3/2"	3/2"
	Connection method		Welding												
Net dimensions (xWxH)		mm	925x845x1780			1340x845x1780			1760x845x1780			1900x845x1780			
Packing dimensions (LxWxH)		mm	1000x925x1940			1415x925x1940			1835x925x1940			1975x925x1940			
Weight	Net weight	kg	215	215	215	270	270	315	315	320	380	380	455	455	455
	Gross weight	kg	225	225	225	290	290	335	335	340	405	405	480	480	480
Refrigerant	Type		R410A												
	Charged volume	kg	9	9	9	11	11	14	14	16	18	18	28	28	28
Cooling operating range	Outdoor side	°C	-5 / 56												
	Indoor side	°C	16 / 32												
Heating operating range	Outdoor side	°C	-30 / 28												
	Indoor side	°C	15 / 31												

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length: 5m; Level difference: 0m; Voltage: 230V.
- Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart (optional); Timer: only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

MINI VRF UNITS LINEUP

NØRDIS Mini VRF use full DC inverter twin rotary compressor, which has high- efficiency both for full load condition and partial load condition, also leads to low noise, stable and reliable operation.

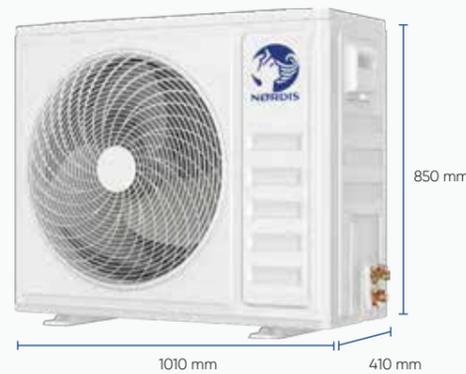
The Mini VRF can operate under -25°C to ensure the heating demand, operate up to 55°C to make sure the cooling capacity output with high efficiency and stability.

High Performance and Stable Operation

Equipped with a full DC inverter and a twin rotary compressor, ensuring quiet, smooth, and reliable performance. The high-efficiency DC fan motor automatically adjusts to the required capacity, reducing energy consumption by up to 45%.

Advanced electronic control box cooling technology maintains optimal operation even in high ambient temperatures, extending system lifespan and stability.

The system operates efficiently in extreme conditions, from -25°C to 55°C, guaranteeing consistent cooling and heating capacity with high efficiency.



12-16 kW

New Models with
R32 Refrigerant
Preorders
Available from:
2026 05



18-28 kW

New Models with
R32 Refrigerant
Preorders
Available from:
2026 08

Model			NV6-120F1/ R1-ODU	NV6-140F1/ R1-ODU	NV6-160F1/ R1-ODU	NV6-180F3/ R1-ODU	NV6-224F3/ R1-ODU	NV6-252F3/ R1-ODU	NV6-280F3/ R1-ODU	
Cooling capacity	Capacity	kW	12,1	14	15,5	18	22,4	25,2	28	
	Input	kW	3,90	5,25	5,93	6,90	9,22	8,60	11,28	
	Current	A	17,31	23,34	26,06	10,75	14,2	13,23	16,62	
Heating capacity	Capacity	kW	12,1	14	16	18	22,4	25,2	28	
	Capacity Max	kW	14	16	18	20	24,5	27	30,8	
	Input	kW	3,10	3,80	4,52	4,90	6,22	7,03	8,07	
	Current	A	13,9	16,6	19,86	7,63	9,34	10,9	12,46	
SEER			7	6,9	6,8	7	6,8	6,6	6,4	
SCOP			4,3	4,2	4,2	4,4	4,2	4,3	4,3	
Power supply		V/Ph/ Hz	220-240~/ 1 / 50				380-415~/ 3 / 50			
Outdoor noise level (sound power level)		dB(A)	52/72	53/73	54/74	55/79	60/79	60/82	61/82	
Max. Power		kW	7,26	7,26	7,26	11,00	11,0	12,0	12,0	
Max. Current		A	33,0	33,0	33,0	17,6	17,6	19,2	19,2	
Air volume		m ³ /h	5700	5700	5700	10500	10500	10500	10500	
Connecting Pipe	Liquid	Inches	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
	Gas	Inches	5/8"	5/8"	5/8"	7/8"	7/8"	7/8"	7/8"	
Net dimensions (LxWxH)		mm	1010x410x850				1120x400x1560			
Packing dimensions (LxWxH)		mm	1145x535x970				1250x560x1721			
Weight	Net weight	kg	75	75	78	130	130	140	140	
	Gross weight	kg	87	87	90	145	145	163	163	
Refrigerant	Type		R410A							
	Charged volume	kg	3,7	3,7	4,2	6,5	6,5	8,5	8,5	
Cooling operating range	Outdoor side	°C	-5 / 55							
	Indoor side	°C	16 / 32							
Heating operating range	Outdoor side	°C	-25 / 28							
	Indoor side	°C	15 / 31							

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.



NØRDIS VRF System One-way Cassette

Recommended places

Living room, dining room, office, lobby, etc.



HIGH-LIFT DRAIN PUMP

The drain pump with a 700mm lifting head which is as standard, simplifying installation of the drain pipes.



STANDARD FLOAT SWITCH, REAL-TIME MONITOR WATER LEVEL

Equipped with float switch, which will automatically monitor the water level and send alarm when malfunction of drain pump or stuck of drain pipe occurs.



WIDE-ANGLE AIR FLOW

Adopting new type of swing motor, which largely increases the angle of air flow.



HEIGH CEILING DESIGN

Reserves a super high fan speed for high ceiling installation, unit can provide powerful cooling and heating under a more than 3 meters floor height.

Supplied with

Water pump, remote controller.*



SLIM BODY

Super slim body with 235mm thickness, less installation area required, capable to match multiple decoration styles.



SUITABLE FOR CORNER INSTALLATION, COMFRORTABLE AIR FLOW

Well-designed shape, suitable for corner installation, make sure the air flow and temperature distribution well.



FAN SPEED VOLUME

Different fan speed options delivers powerful cooling and heating for a quiet, comfortable environment.

Model			NV6-18C1/ R1-IDU	NV6-22C1/ R1-IDU	NV6-28C1/ R1-IDU	NV6-36C1/ R1-IDU	NV6-45C1/ R1-IDU	NV6-50C1/ R1-IDU	NV6-56C1/ R1-IDU
Capacity	Cooling	kW	1.8	2.2	2.8	3.6	4.5	5	5.6
	Heating	kW	2.2	2.5	3.2	4	5	5.6	6.3
Power input	Cooling	kW	0.05	0.05	0.05	0.06	0.07	0.07	0.07
	Heating	kW	0.05	0.05	0.05	0.06	0.07	0.07	0.07
Power supply		V/Ph/ Hz	220~ / 1 / 50						
Current	Cooling	A	0.24	0.24	0.24	0.28	0.31	0.31	0.31
	Heating	A	0.24	0.24	0.24	0.28	0.31	0.31	0.31
Air volume		m³/h	510	510	510	680	800	800	800
Noise level (H/M/L)		dB(A)	39/34/31	39/34/31	39/34/31	40/34/31	42/36/33	42/36/33	42/36/33
Dimension (LxWxH)	Panel	mm	580x1055	580x1055	580x1055	580x1055	580x1055	580x1055	580x1055
	Unit	mm	850x480x235	850x480x235	850x480x235	850x480x235	850x480x235	850x480x235	850x480x235
	Packing	mm	1105x645x305	1105x645x305	1105x645x305	1105x645x305	1105x645x305	1105x645x305	1105x645x305
Weight	Netto	kg	23	23	23	23	23	23	23
	Gross	kg	28	28	28	28	28	28	28
Connection pipe	Gas	inch	3/8'	3/8'	3/8'	1/2'	1/2'	1/2'	1/2'
	Liquid	inch	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'
	Connection way			Screw thread					
Water pipe dimension (mm)			Ø 25						
Controller			Remote/Wired/Central controller/WiFi						

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

*The appearance of the remote control may differ from that shown in the picture.



NØRDIS VRF System Two-way Cassette

Recommended places

Sitting room, study, dining room, small meeting room, etc.



HIGH-LIFT DRAIN PUMP

The drain pump with a 700mm lifting head which is as standard, simplifying installation of the drain pipes.



STANDARD FLOAT SWITCH, WATER LEVEL MONITOR

Equipped with float switch, which will automatically monitor the water level and send alarm when malfunction of drain pump or stuck of drain pipe occurs.



SUPER WIDE ANGLE AIR SUPPLY

The panel swing motor system uses a high-precision stepper motor with an intelligent up-and-down control mechanism, enabling ultra-wide-angle and large-range air distribution.

Supplied with

Water pump, remote controller.*



ULTRA-THIN BODY, LIGHTWEIGHT DESIGN

Ultra-thin body (290mm), requires less installation space, even in the narrow low ceiling, still can be easily installed, more flexible collocation decoration style.



SUITABLE FOR CORNER INSTALLATION, COMFORTABLE AIR FLOW

Well-designed shape, suitable for corner installation, make sure the air flow and temperature distribution well.



THREE - SPEED ADJUSTMENT

Different fan speed options delivers powerful cooling and heating for a quiet, comfortable environment.

Model			NV6-22C2/ R1-IDU	NV6-28C2/ R1-IDU	NV6-36C2/ R1-IDU	NV6-45C2/ R1-IDU	NV6-50C2/ R1-IDU	NV6-56C2/ R1-IDU	NV6-63C2/ R1-IDU	NV6-71C2/ R1-IDU
Capacity	Cooling	kW	2,2	2,8	3,6	4,5	5	5,6	6,3	7,1
	Heating	kW	2,5	3,2	4	5	5,6	6,3	7,1	8
Power Input	Cooling	kW	0,064	0,064	0,064	0,064	0,07	0,07	0,11	0,11
	Heating	kW	0,064	0,064	0,064	0,064	0,07	0,07	0,11	0,11
Power supply		V/Ph/Hz	220 ~ / 1/ 50							
Current	Cooling	A	0,27	0,27	0,27	0,27	0,31	0,31	0,49	0,49
	Heating	A	0,27	0,27	0,27	0,27	0,31	0,31	0,49	0,49
Air volume		m ³ /h	580	580	680	680	850	850	1360	1360
Noise level (H/M/L)		dB(A)	40/35/32	42/36/33	43/38/35	43/38/35	43/38/35	43/38/35	46/39/36	46/39/36
Dimension (LxWxH)	Panel	mm	680x1240	680x1240	680x1240	680x1240	680x1240	680x1240	680x1240	680x1240
	Body	mm	1140x575x290	1140x575x290	1140x575x290	1140x575x290	1140x575x290	1140x575x290	1140x575x290	1140x575x290
	Packing	mm	1305x755x370	1305x755x370	1305x755x370	1305x755x370	1305x755x370	1305x755x370	1305x755x370	1305x755x370
Weight	Net	kg	32	32	33	33	33	33	34	34
	Gross	kg	38	38	39	39	39	39	40	40
Connection pipe	Gas	inch	1/2'	1/2'	1/2'	1/2'	1/2'	1/2'	5/8'	5/8'
	Liquid	inch	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'	3/8'	3/8'
	Connection way		Screw thread							
Drainage pipe (mm)		mm	Ø 25							
Controller			Remote/Wired/Central controller/WiFi							

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

*The appearance of the remote control may differ from that shown in the picture.

NØRDIS VRF System

360° Air Outlet Cassette



Recommended places

Office, restaurant, supermarket, shopping mall, lobby, etc.

360° WIDE-ANGLE AIR SUPPLY
Multi-directional airflow cools every corner, reduces temperature differences, and keeps indoor air fresh and comfortable.

LARGE AIR OUTLET VOLUME
Through the new DC inverter fan motor, achieve 2100m³/h air outlet volume, and improve the air. Exchange efficiency by 30%

FAN SPEED VOLUME
Different fan speed options delivers powerful cooling and heating for a quiet, comfortable environment.

STANDARD CONDENSATE PUMP, EASY TO INSTALL
The drain pump with a 700mm lifting head which is as standard, simplifying installation of the drain pipes.

Supplied with

Water pump, remote controller.*

CLEAN STERILIZATION, HEALTHY LIFE
Health filter removes large particles; optional silver-ion module eliminates odors and germs.

DC INVERTER FAN MOTOR TECHNOLOGY
Adoption DC inverter motor technology, to improve the running efficiency by 15% and reduce the operation noise (min 31dB).

ULTRA LOW NOISE
3D spiral blade design reduces air resistance for low-noise operation and a quieter, more comfortable experience.

STANDARD FLOAT SWITCH, TIMELY WARNING
Standard float switch, when the condensate pump is faulty or the drainpipe is blocked, timely warning, prevent the water tray inside the machine overflow.

*The appearance of the remote control may differ from that shown in the picture.

Model			NV6-28C8/ R1-IDU	NV6-36C8/ R1-IDU	NV6-45C8/ R1-IDU	NV6-50C8/ R1-IDU	NV6-56C8/ R1-IDU	NV6-63C8/ R1-IDU	NV6-71C8/ R1-IDU	
Capacity	Cooling capacity	kW	2,8	3,6	4,5	5	5,6	6,3	7,1	
	Heating capacity	kW	3,2	4,0	5,0	5,6	6,3	7,1	8,0	
Power	Cooling power	kW	0,020	0,020	0,025	0,025	0,025	0,035	0,035	
	Heating power	kW	0,020	0,020	0,025	0,025	0,025	0,035	0,035	
Power supply		V/Ph/Hz	220 ~ / 1/ 50							
Current	Cooling current	A	0,09	0,09	0,11	0,11	0,11	0,16	0,16	
	Heating current	A	0,09	0,09	0,11	0,11	0,11	0,16	0,16	
Indoor fan motor	Speed (H/M/L)	r/min	330/320/310	330/320/310	350/330/310	350/330/310	350/330/310	370/350/330	390/350/330	
Indoor air circulation (Cooling/ Heating)		m ³ /h	800	800	900	900	900	1100	1100	
Noise level (H/M/L)		dB(A)	25/27/30	25/27/30	26/30/33	27/30/33	27/30/33	28/31/35	29/33/37	
Connecting pipe diameter	Gas pipe	inch	1/2"						5/8"	
	Liquid tube	inch	1/4"						3/8"	
	Connection mode		Threaded connection							
Operation Temperature Range		°C	16-32							
Drainage Pipe		mm	Ø 25							
Panel	Panel size	mm	920x270x920							
	Net/Gross	kg	6/9							
Net dimensions (W x H x D)		mm	840x245x840	840x245x840	840x245x840	840x245x840	840x245x840	840x245x840	840x245x840	
Net weight		kg	21,5	21,5	21,5	21,5	21,5	22	22	
Packing dimensions (W x H x D)		mm	920x270x920	920x270x920	920x270x920	920x270x920	920x270x920	920x270x920	920x270x920	
Gross weight		kg	25	25	25	25	25	25,5	25,5	
Control type			Remote/Wired/Central controller/WiFi							

Model			NV6-80C8/ R1-IDU	NV6-90C8/ R1-IDU	NV6-100C8/ R1-IDU	NV6-112C8/ R1-IDU	NV6-125C8/ R1-IDU	NV6-140C8/ R1-IDU	NV6-160C8/ R1-IDU
Capacity	Cooling capacity	kW	8	9	10	11,2	12,5	14	16
	Heating capacity	kW	9,0	10	11,2	12,5	14	16	18
Power	Cooling power	kW	0,040	0,06	0,06	0,06	0,07	0,085	0,132
	Heating power	kW	0,040	0,06	0,06	0,06	0,07	0,085	0,132
Power supply		V/Ph/Hz	220 ~ / 1/ 50						
Current	Cooling current	A	0,18	0,27	0,27	0,27	0,32	0,39	0,6
	Heating current	A	0,18	0,27	0,27	0,27	0,32	0,39	0,6
Indoor fan motor	Speed (H/M/L)	r/min	410/380/340	430/390/350	470/430/380	490/440/380	540/480/440	580/520/450	670/560/460
Indoor air circulation (Cooling/ Heating)		m ³ /h	1300	1500	1600	1600	1800	1800	2100
Noise level (H/M/L)		dB(A)	29/34/38	29/34/38	32/35/39	33/36/41	33/36/41	34/38/43	37/43/47
Connecting pipe diameter	Gas pipe	inch	5/8"						
	Liquid tube	inch	3/8"						
	Connection mode		Threaded connection						
Operation Temperature Range		°C	16-32						
Drainage Pipe		mm	Ø 25						
Panel	Panel size	mm	920x270x920			920x315x920			
	Net/Gross	kg	6/9						
Net dimensions (W x H x D)		mm	840x245x840	840x245x840	840x290x840	840x290x840	840x290x840	840x290x840	840x290x840
Net weight		kg	22	22,5	25	25	25	27,5	27,5
Packing dimensions (W x H x D)		mm	920x270x920	920x270x920	920x315x920	920x315x920	920x315x920	920x315x920	920x315x920
Gross weight		kg	25,5	26	28,5	28,5	28,5	31	31
Control type			Remote/Wired/Central controller/WiFi						

- Specifications are based on the following conditions:
2. Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
 3. Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
 4. Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
 5. Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
 6. Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
 7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
 8. Due to ongoing product development, specifications are subject to change without notice.

NØRDIS VRF System

360° Air Outlet Compact Cassette



Recommended places

Office, restaurant, supermarket, shopping mall, lobby, etc.

FAN SPEED VOLUME



Different fan speed options delivers powerful cooling and heating for a quiet, comfortable environment.

CLEAN STERILIZATION, HEALTHY LIFE



Health filter removes large particles; optional silver-ion module eliminates odors and germs.

DC INVERTER FAN MOTOR TECHNOLOGY



Adoption DC inverter motor technology, to improve the running efficiency by 15% and reduce the operation noise (min 31dB).

Supplied with

Water pump, remote controller.*



ULTRA LOW NOISE



3D spiral blade design reduces air resistance for low-noise operation and a quieter, more comfortable experience.

STANDARD FLOAT SWITCH, WATER LEVEL MONITOR



Equipped with float switch, which will automatically monitor the water level and send alarm when malfunction of drain pump or stuck of drain pipe occurs.

STANDARD CONDENSATE PUMP, EASY TO INSTALL



The drain pump with a 700mm lifting head which is as standard, simplifying installation of the drain pipes.

*The appearance of the remote control may differ from that shown in the picture.

Model		NV6-18SC8/R1-IDU	NV6-22SC8/R1-IDU	NV6-25SC8/R1-IDU	NV6-28SC8/R1-IDU	NV6-32SC8/R1-IDU	NV6-36SC8/R1-IDU	NV6-40SC8/R1-IDU	NV6-45SC8/R1-IDU	NV6-50SC8/R1-IDU	NV6-56SC8/R1-IDU	
Capacity	Cooling capacity	kW	1,8	2,2	2,5	2,8	3,2	3,6	4	4,5	5	5,6
	Heating capacity	kW	2,2	2,5	2,8	3,2	3,6	4	4,5	5	5,6	6,3
Power	Cooling power	kW	0,014	0,014	0,014	0,014	0,016	0,016	0,022	0,022	0,044	0,05
	Heating power	kW	0,014	0,014	0,015	0,014	0,016	0,016	0,022	0,022	0,044	0,05
Power supply	V/Ph/Hz		220 ~ / 1/ 50									
Current	Cooling current	A	0,06	0,06	0,06	0,06	0,07	0,07	0,1	0,1	0,2	0,23
	Heating current	A	0,06	0,06	0,06	0,06	0,07	0,07	0,1	0,1	0,2	0,23
Indoor fan motor	Speed (H/M/L)	r/min	580/420/320	580/420/320	580/420/320	580/420/320	600/440/340	600/440/340	700/490/360	700/490/360	820/610/380	860/650/400
Indoor air circulation (Cooling/Heating)		m³/h	520	520	520	520	560	560	620	620	750	800
Noise level (H/M/L)		dB(A)	25/28/30	25/28/30	25/28/30	25/28/30	25/29/31	25/29/31	26/30/35	26/30/35	26/32/43	27/34/45
Connecting pipe diameter	Gas pipe	inch	1/2"									
	Liquid tube	inch	1/4"									
	Connection mode		Threaded connection									
Operation Temperature Range		°C	16-32									
Drainage Pipe		mm	Ø 25									
Net Dimension (WxDxH)		mm	570x570x245									
Packing Dimension (WxDxH)		mm	718x657x301									
Net Weight		kg	14,5	14,5	14,5	14,5	14,5	14,5	14,5	14,5	15	15
Gross Weight		kg	17	17	17	17	17	17	17	17	17,5	17,5
Panel	Panel size	mm	650x57x650									
	Net/Gross	kg	2/4,25									
Control type			Remote/Wired/Central controller/WiFi									

Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
3. Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
4. Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
5. Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
6. Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
8. Due to ongoing product development, specifications are subject to change without notice.

NØRDIS VRF System DC Series Slim Duct



Recommended places

Office, conference room, hotel room, restaurant, living room, etc.



CONSTANT AIR VOLUME

Fan motor automatically adjusts speed according to real time wind resistance. To provide stable air volume to rooms.



ULTRA-THIN BODY DESIGN, FASHION AND BEAUTIFUL

The minimum height of the body is only 200mm, saving space. The drain pump can lift the condensing water up to 1200mm.



HEALTH FILTER (OPTIONAL)

The duct can be equipped with silver ion and activated carbon health filter.



FAN SPEED VOLUME

Different fan speed options delivers powerful cooling and heating for a quiet, comfortable environment.

Supplied with

Water pump, wire controller.*



HIGH ESP

ESP up to 80Pa supports longer air duct and fits with more installation scenario.



ENERGY-SAVING SILENT OPERATION

DC motor, energy-saving and silent operation. The lowest noise is 20 dB(A).



STANDARD FLOAT SWITCH, TIMELY WARNING

Standard float switch, when the condensate pump is faulty or the drainpipe is blocked, timely warning, prevent the water tray inside the machine overflow.

*The appearance of the wire control may differ from that shown in the picture.

Model		NV6-18D3RD/R1-IDU	NV6-22D3RD/R1-IDU	NV6-25D3RD/R1-IDU	NV6-28D3RD/R1-IDU	NV6-32D3RD/R1-IDU	NV6-36D3RD/R1-IDU	NV6-40D3RD/R1-IDU	NV6-45D3RD/R1-IDU		
Capacity	Cooling capacity	kW	1,8	2,2	2,5	2,8	3,2	3,6	4,0	4,5	
	Heating capacity	kW	2,2	2,5	2,8	3,2	3,6	4,0	4,5	5,0	
Power	Cooling power	kW	0,02	0,02	0,02	0,02	0,03	0,03	0,05	0,05	
	Heating power	kW	0,02	0,02	0,02	0,02	0,03	0,03	0,05	0,05	
Power supply		V/Ph/Hz	220~ / 1 / 50								
Current	Cooling current	A	0,09	0,09	0,09	0,09	0,14	0,14	0,23	0,23	
	Heating current	A	0,09	0,09	0,09	0,09	0,14	0,14	0,23	0,23	
Fan	Air volume	m ³ /h	500	500	500	500	550	550	850	850	
External static pressure		Pa	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	
Noise level (H/M/L)		dB(A)	30/26/20	30/26/20	30/26/20	30/26/20	30/26/22	30/26/22	34/29/24	34/29/24	
Net dimension (LxWxH)	Net dimensions	mm	700x450x200						920x450x200		
	Size of return air inlet	mm	570x172						790x172		
	Air outlet size	mm	510x140						730x140		
Net weight		kg	14,5	14,5	14,5	14,5	14,5	14,5	17,0	17,0	
Connecting pipe diameter	Gas pipe	Inches	3/8'	3/8'	3/8'	3/8'	1/2'	1/2'	1/2'	1/2'	
	Liquid tube	Inches	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'	1/4'	
	Connecting pipe diameter		Threaded connection								
Drainage pipe diameter		mm	Ø 25								
Controller			Remote/Wired/Central controller/WiFi								

Model		NV6-50D3RD/R1-IDU	NV6-56D3RD/R1-IDU	NV6-63D3RD/R1-IDU	NV6-71D3RD/R1-IDU	NV6-80D3RD/R1-IDU	NV6-90D3RD/R1-IDU	NV6-100D3RD/R1-IDU	NV6-112D3RD/R1-IDU	NV6-125D3RD/R1-IDU	NV6-140D3RD/R1-IDU		
Capacity	Cooling capacity	kW	5,0	5,6	6,3	7,1	8,0	9,0	10,0	11,2	12,5	14,0	
	Heating capacity	kW	5,6	6,3	7,1	8,0	9,0	10,0	11,2	12,5	14,0	16,0	
Power	Cooling power	kW	0,05	0,05	0,054	0,054	0,054	0,180	0,180	0,180	0,250	0,250	
	Heating power	kW	0,05	0,05	0,054	0,054	0,054	0,180	0,180	0,180	0,250	0,250	
Power supply		V/Ph/Hz	220~ / 1 / 50										
Current	Cooling current	A	0,23	0,23	0,25	0,25	0,25	0,90	0,90	0,90	1,20	1,20	
	Heating current	A	0,23	0,23	0,25	0,25	0,25	0,90	0,90	0,90	1,20	1,20	
Fan	Air volume	m ³ /h	850	850	1100	1100	1100	1800	1800	1800	2000	2000	
External static pressure		Pa	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 80)	20(0 ~ 80)	20(0 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	
Noise level (H/M/L)		dB(A)	34/29/24	34/29/24	37/31/27	37/31/27	37/31/27	43/37/33	43/37/33	43/37/33	44/41/37	44/41/37	
Net dimension (LxWxH)	Net dimensions	mm	920x450x200			1100x450x200			1400x700x250				
	Size of return air inlet	mm	790x172			1004x165			1365x220				
	Air outlet size	mm	730x140			930x140			1365x175				
Net weight		kg	17,0	17,0	21,5	21,5	21,5	35,5	35,5	35,5	37,5	37,5	
Connecting pipe diameter	Gas pipe	Inches	1/2'	1/2'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'	
	Liquid tube	Inches	1/4'	1/4'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'	
	Connecting pipe diameter		Threaded connection										
Drainage pipe diameter		mm	Ø 25										
Controller			Remote/Wired/Central controller/WiFi										

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length: 5m; Level difference: 0m; Voltage: 230V.
- Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.
- Due to ongoing product development, specifications are subject to change without notice.



NØRDIS VRF System

High Static Pressure Duct

Recommended places

Living room, study, reference room, negotiation room and other places.



HEALTHY NEW WIND, FOREST BREATHING

Easy introduction of outdoor fresh air heating refrigeration and indoor air exchange, keep indoor air fresh, bring you comfortable fresh air.



ULTRA-HIGH STATIC PRESSURE DESIGN TO MEET VARIOUS SPACE REQUIREMENTS

Maximum static pressure 300Pa, can be long distance multi-point air supply, fully meet the air conditioning needs of different Spaces.

Supplied with

Wire controller.*



CLEAN STERILIZATION, HEALTHY LIFE

Built-in coarse filter, PP filter screen, optional silver ion purification module, effectively remove large particles in the air, absorb formaldehyde and odor, eliminate germs.

Model			NV6-71D1R/ R1-IDU	NV6-112D1R/ R1-IDU	NV6-140D1R/ R1-IDU	NV6-220D1R/ R1-IDU	NV6-280D1R/ R1-IDU	NV6-450D1R/ R1-IDU	NV6-560D1R/ R1-IDU
Static pressure	Standard	Pa	100	100	130	200	200	200	200
	Range	Pa	50~130	50~130	50~130	100~300	100~300	100~300	100~300
Cooling capacity	Capacity	kW	7,1	11,2	14	22	28	45	56
	Input	kW	0,28	0,42	0,42	1,75	1,75	2,25	2,25
Heating capacity	Capacity	kW	8	12,5	16	25	31	50	61
	Input	kW	0,28	0,42	0,42	1,75	1,75	2,25	2,25
Noise level (H/M/L)		dB(A)	50/48/46	53/51/49	53/51/49	55/53/51	55/53/51	61/58/56	61/58/56
Design pressure		MPa	4,5						
Power supply			220-240~/1/50						
Indoor air circulation		L/S	350	561	639	1250	1250	2083	2083
(Cooling/Heating)		m ³ /h	1260	2020	2300	4500	4500	7500	7500
Connecting Pipe	Liquid	Inches	3/8'	3/8'	3/8'	1/2'	1/2'	1/2'	1/2'
	Gas	Inches	5/8'	5/8'	5/8'	7/8'	7/8'	1 1/8'	1 1/8'
Drainage Pipe		mm	Ø 25						
Net dimensions (W x H x D)		mm	850x380x590	1200x380x590	1366x758x470		1770x758x650		
Net weight		kg	49	58	120		220		
Packing dimensions (W x H x D)		mm	1060x425x695	1410x435x695	1620x975x700		2010x975x910		
Gross weight		kg	55	64	145		245		
Controller			Remote/Wired/Central controller/WiFi						

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

*The appearance of the wire control may differ from that shown in the picture.



NØRDIS VRF System Wall Mounted

Recommended places

Workshop, hotel, restaurant, shopping mall, ballroom, bar and other large space places

ULTRA-THIN BODY DESIGN, SMART AND BEAUTIFUL

The minimum thickness of the unit is only 380mm, which makes installation more convenient.

EASY MAINTENANCE

The horizontal baffle of the unit is easy to remove for easy cleaning and maintenance.

Supplied with

Remote controller.*

SUPER WIDE ANGLE AIR SUPPLY

The panel swing motor system uses a high-precision stepper motor with an intelligent up-and-down control mechanism, enabling ultra-wide-angle and large-range air distribution.

CLEAN STERILIZATION, HEALTHY LIFE

The long-term filter design makes the air more healthy, reduces the difficulty of maintenance.

Model			NV6-22W/ R1-IDU	NV6-28W/ R1-IDU	NV6-36W/ R1-IDU	NV6-45W/ R1-IDU	NV6-50W/ R1-IDU	NV6-56W/ R1-IDU	NV6-71W/ R1-IDU	NV6-80W/ R1-IDU
Cooling capacity	Capacity	kW	2,2	2,8	3,6	4,5	5	5,6	7,1	8
	Input	kW	0,004	0,004	0,004	0,005	0,005	0,007	0,007	0,007
Heating capacity	Capacity	kW	2,5	3,2	4	5	5,6	6,3	8	9
	Input	kW	0,004	0,004	0,004	0,005	0,005	0,007	0,007	0,007
Noise level (H/M/L)		dB(A)	38/33/27	38/33/27	38/33/27	42/37/33	42/37/33	44/39/35	44/39/35	44/39/35
Power supply		V/Ph/Hz	220-240~/1/ 50							
Indoor air circulation (Cooling/Heating)		L/S	153	153	153	181	181	222	222	222
		m³/h	550	550	550	650	650	800	800	800
Connecting Pipe	Liquid	Inches	1/4'	1/4'	1/4'	1/4'	1/4'	3/8'	3/8'	3/8'
	Gas	Inches	1/2'	1/2'	1/2'	1/2'	1/2'	5/8'	5/8'	5/8'
Drainage Pipe		mm	Ø 16							
Net dimensions (WxHxD)		mm	910x294x206	910x294x206	910x294x206	910x294x206	910x294x206	1010x315x220	1010x315x220	1010x315x220
Net weight Indoor		kg	10	10	10	10	10	13	13	13
Packing dimensions (WxHxD)		mm	977x367x276	977x367x276	977x367x276	977x367x276	977x367x276	1094x386x300	1094x386x300	1094x386x300
Gross weight		kg	12.5	12.5	12.5	12.5	12.5	16	16	16
Controller			Remote/Wired/Central controller/WiFi							

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

*The appearance of the remote control may differ from that shown in the picture.



NØRDIS VRF System Ceiling and Floor

Recommended places

Living room, study, reference room, negotiation room and other places.

Supplied with

Remote controller.*



ULTRA-THIN DESIGN

Compact design which fits for various room styles.



DETACHABLE PLASTIC BLOWERS

Universal designed parts and assemblies applied, which is easy for maintenance.



WIDE RANGE OF AIR FLOW

The air supply angle is from 0 to 110°, making the indoor temperature more uniform and more comfortable.



FLEXIBLE INSTALLATION

Two ways of installation available, ceiling suspended and floor standing.



DUAL DIRECTION OF DRAINAGE

Condensing water can be drained both from left and right side.

Model			NV6-45CF/R1-IDU	NV6-50CF/R1-IDU	NV6-56CF/R1-IDU	NV6-63CF/R1-IDU	NV6-71CF/R1-IDU	NV6-80CF/R1-IDU	NV6-90CF/R1-IDU	NV6-100CF/R1-IDU	NV6-112CF/R1-IDU	NV6-125CF/R1-IDU	NV6-140CF/R1-IDU		
Cooling capacity	Capacity	kW	4,5	5	5,6	6,3	7,1	8	9	10	11,2	12,5	14		
	Input	kW	0,102	0,102	0,102	0,149	0,149	0,149	0,158	0,158	0,235	0,235	0,235		
Heating capacity	Capacity	kW	5	5,6	6,3	7,1	8	9	10	11,2	12,5	14	16		
	Input	W	0,102	0,102	0,102	0,149	0,149	0,149	0,158	0,158	0,235	0,235	0,235		
Noise level (H/M/L)		dB(A)	44/42/39	44/42/39	44/42/39	46/44/41	46/44/41	46/44/41	50/48/45	50/48/45	52/50/47	52/50/47	52/50/47		
Power supply		V/Ph/Hz	220-240~ /1/ 50												
Indoor air circulation (Cooling/Heating)	L/S		267	267	267	333	333	333	444	444	556	556	556		
	m³/h		960	960	960	1200	1200	1200	1600	1600	2000	2000	2000		
Connecting Pipe	Liquid	Inches	1/4'	1/4'	1/4'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'	3/8'		
	Gas	Inches	1/2'	1/2'	1/2'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'	5/8'		
Drainage Pipe		mm	Ø 25												
Net dimensions (WxHxD)		mm	1055x675x235						1275x675x235			1635x675x235			
Net weight		kg	24	24	24	25	25	25	29	29	38	38	38		
Packing dimensions (WxHxD)		mm	1131x753x313						1351x753x313			1711x753x313			
Gross weight		kg	27	27	27	28	28	28	35	35	46	46	46		
Controller			Remote/Wired/Central controller/WiFi												

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length: 5m; Level difference: 0m; Voltage: 230V.
- Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart (optional); Timer: only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

*The appearance of the remote control may differ from that shown in the picture.



NØRDIS VRF System

Industrial Indoor Unit for Large Spaces

Recommended places

Warehouses and other places.

Supplied with

AHU Kit NV6-AK2



FAN BLOWING

The unit is provided with Ø500 mm and Ø630 mm diameter Q motor blowing fans.



ULTRA LOW NOISE

Low-noise operation and a quieter, more comfortable experience.

5884m³/h

LARGE AIR OUTLET VOLUME

Through the new AC fan motor, achieve 5884 m³/h air outlet volume, and improve the air.

Model			NV6-150AD/R1-IDU	NV6-163AD/R1-IDU
Cooling capacity	Capacity	kW	17	23,4
	Input	kW	0,3	0,4
Heating capacity	Capacity	kW	21,8	30,4
	Input	kW	0,3	0,4
Noise level (H)		dB(A)	42	42
Power supply		V/Ph/Hz	230~ /1/ 50	400~ /3/ 50
Indoor air circulation (Cooling/Heating)		m ³ /h	4776	5884
Air throw distance		m	12,3	13,2
Drainage Pipe		mm	Ø 20	Ø 20
Net dimensions (WxHxD)		mm	1368x506x1350	1568x530x1385
Net weight	Indoor	kg	87	138
Controller	Wired controller/Central controller/WiFi			

Specifications are based on the following conditions:

- Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
- Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
- Equivalent piping length:5m; Level difference: 0m; Voltage:230V.
- Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.
- Due to ongoing product development, specifications are subject to change without notice.

VRF Controllers

Multiple Solutions



The NV6+ system offers multiple air-conditioning control solutions, including remote, wired, and central controllers, as well as WiFi and mobile app options.

Users can manage temperature, fan speed, and operation modes through touch screens or remotely via the Tsmart mobile app. The central controller allows large-scale management of up to 1280 indoor units with scheduling and data logging features.

The AHU connection kit integrates third-party air handling units with NØRDIS VRF systems, while the BMS gateway connects the system to building management systems for centralized monitoring. Overall, NV6+ provides flexible, intelligent, and scalable control for modern HVAC systems.



Remote Controller

- Cooling / dehumidification / fan / heating / automatic and other operation settings
- Temperature / fan speed setting
- Sleep/timer/swing/turbo and other functions



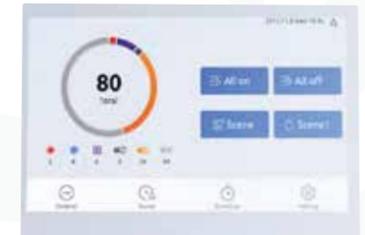
Wired Controller

- Cooling / dehumidification / fan / heating automatic and other operation settings
- Temperature / fan speed setting
- Sleep/timer/swing/turbo and other function settings
- Monitoring function, big LCD screen displays the operation status of the unit
- Remote control signal available



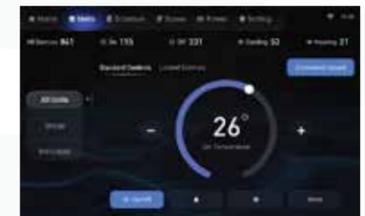
Central Controller

- 7 inches and colorful screen display, beautiful appearance, touch screen, easy operation.
- A variety of combinations, single or multiple machines can be operated simultaneously.
- Up to 16 systems and 1280 indoor units can be connected, easy to set indoor units parameters.
- It also has the schedule setting and historical fault query function.



New Central Controller

Connect the WiFi module with the air-conditioning system, and then match the WiFi module with the wireless router through the mobile phone APP, and the air-conditioning equipment is networked, so that the cell phone APP can realize remote control of the air-conditioning system from a different place and enjoy the convenience interconnection;



IOC Gateway

This gateway provides centralized access and remote control functions for multiple sets of air conditioning systems, and supports connecting different devices through two communication methods: CAN bus and RS485 bus.



WiFi module

Connect the WiFi module with the air-conditioning system, and then match the WiFi module with the wireless router through the mobile phone APP, and the air-conditioning equipment is networked, so that the cell phone APP can realize remote control of the air-conditioning system from a different place and enjoy the convenience interconnection;



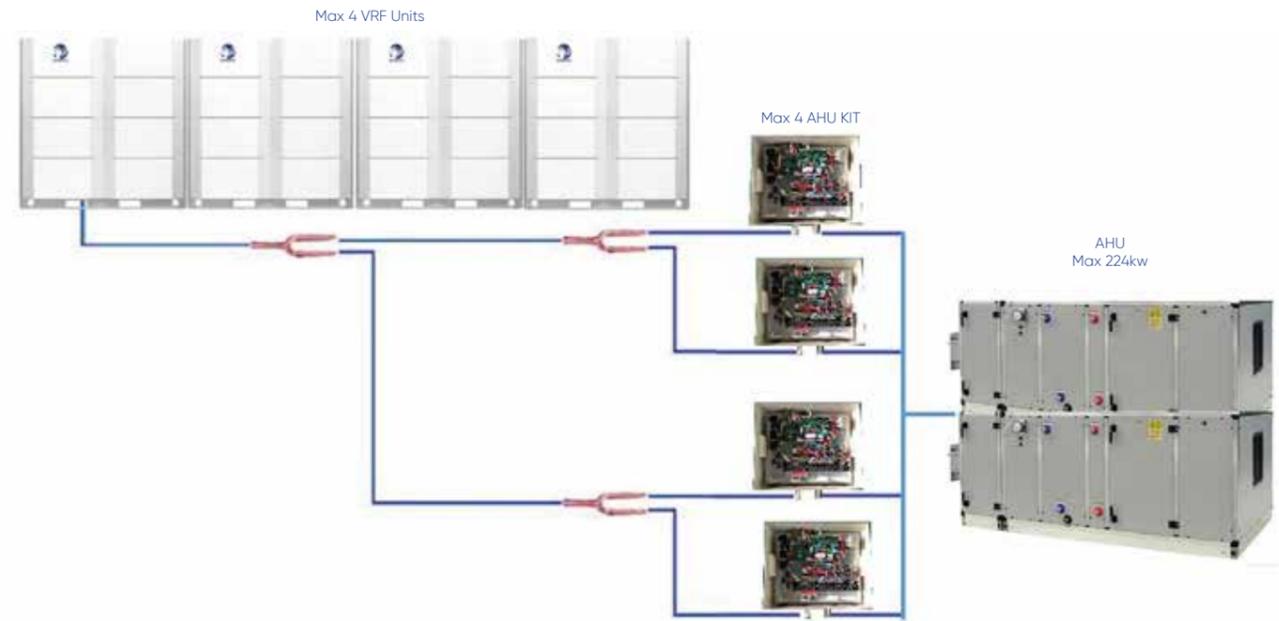
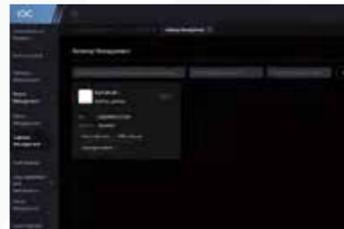
Protocol Converter

A Protocol Converter in a VRF system is a device that enables communication between the VRF air conditioning units and the building management system (BMS). It converts the VRF system's communication protocol into standard formats such as Modbus allowing centralized monitoring, control, and integration of the HVAC system within the overall building automation network.



IOC Cloud Platform

Cloud-based system that enables centralized monitoring and remote control of connected devices via the internet. It allows users to manage equipment status, configuration, data collection, and performance from a single online platform, improving efficiency and enabling remote operation and maintenance.

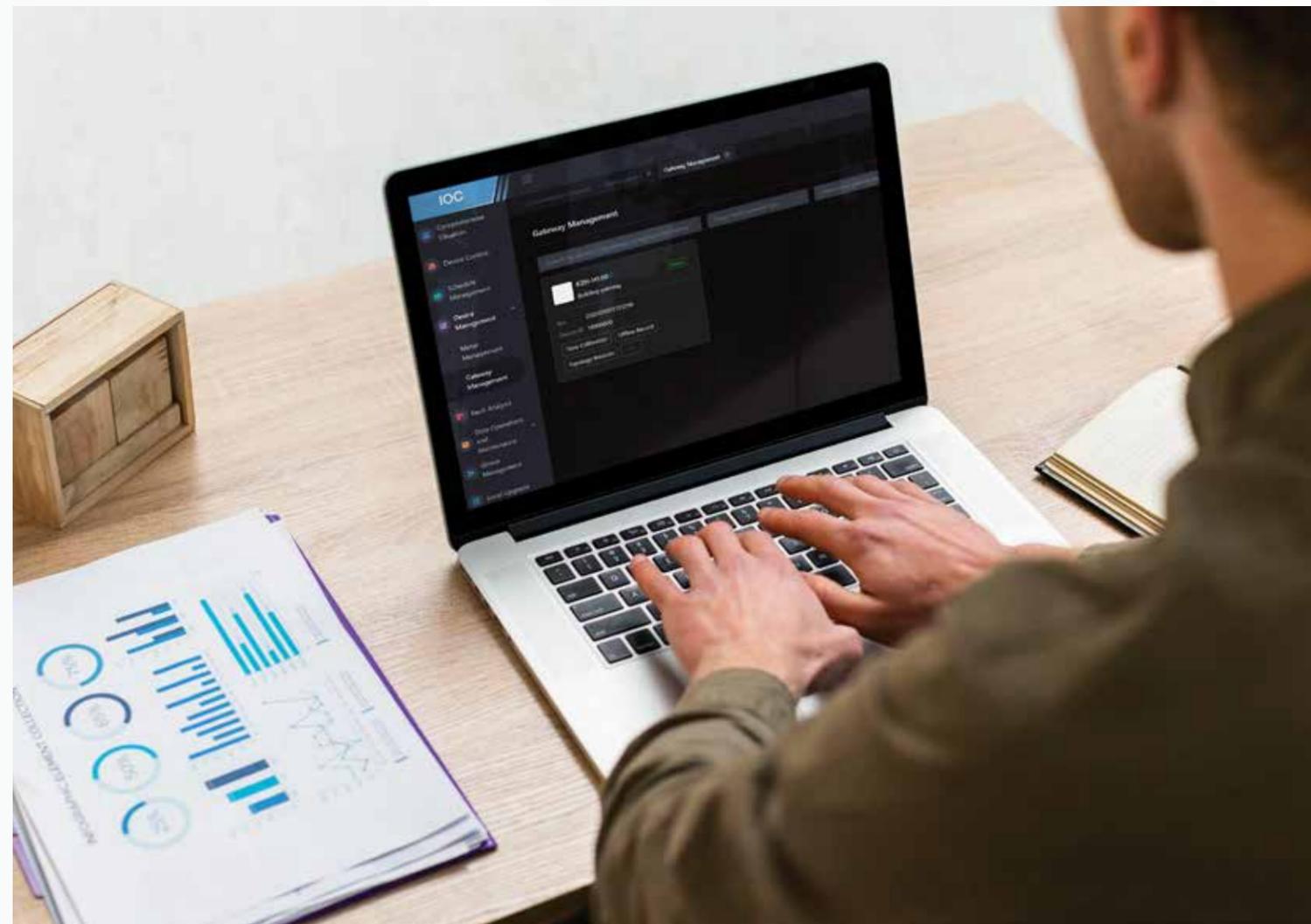


AHU Connection KIT

Solution to extend NØRDIS VRF technology to third party Air Handling Units.

- Easy for connecting to third party AHU
- Setting capacity by DIP
- Remoter or wire controller can be chosen
- 3 steps fan motor speed, Low/Mid/High
- Error status: No error or error occurred

Type	Model Name	Capacity	Application	Control Method
AHU Kit	NV6-BK1	2,2-8 kW	Used for AHU with accurate temperature, humidity, air quality integrated control. It must connect with 3rd DDC controller via Modbus 485 communication port	Fresh air OR without fresh air, Connecting 3rd controller via Modbus port
	NV6-BK2	11,2-16 kW		
	NV6-BK3	22-40 kW		
	NV6-BK4	45-61,5 kW		
	NV6-BK5	68-78,5 kW		
	NV6-BK6	100-112 kW		
	NV6-AK1	2,8-14 kW	Used for AHU with inaccurate room temperature control	No fresh air, adjustable setting room temperature
	NV6-AK2	16-28 kW		
	NV6-AK3	35-56 kW		
	NV6-AKF1	2,8-14 kW	Used for AHU with inaccurate room temperature control, and fresh air	Fresh air, unadjustable setting room temperature
NV6-AKF2	16-28 kW			
NV6-AKF3	35-56 kW			





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