

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.



Feature:

- 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 **efficiently and quietly**.



NØRDIS NFF2

Ceiling & floor Fan Coil Units

Models			NFF2-V150-3-2P	NFF2-V250-3-2P	NFF2-V350-3-2P
Power supply		V/F/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	1.6	1.6	1.6
		Diameter	Ø794	Ø794	Ø794
Body		Net dimensions (W×H×D)	790×495×200	1020×495×200	1240×495×200
		Packing size (W×H×D)	895×595×300	1125×595×300	1345×595×300
		Net weight	18.0	21.5	25.5
		Gross weight	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	1.6	1.6	1.6
		Diameter	Ø794	Ø794	Ø794
Body		Net dimensions (W×H×D)	1240×495×200	1360×495×200	1360×591×200
		Packing size (W×H×D)	1345×595×300	1465×595×300	1465×695×300
		Net weight	25.5	28.5	32.5
		Gross weight	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

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.