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.

Features:

- Auto mode and a seven-speed fan motor.
- Ultra-thin design with a thickness of only 200 mm.
- Hysteresis temperature and forced ventilation can be adjusted in heating and cooling modes using switches on the control board.
- 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 NC-75A.
- Optional 0-10V wired control.

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

Flexible Installation

Designed for flexible installation in both vertical and horizontal positions, allowing the unit to adapt easily to different room layouts and installation requirements.





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	Ø7,94	Ø7,94	Ø7,94
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/Ph/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	Ø7,94	Ø7,94	Ø7,94
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.