NØRDIS NFD

DUCT FAN COIL UNITS



Flexible Comfort for Every Application

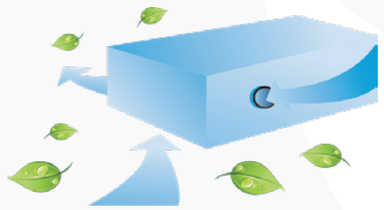
The NØRDIS NFD Duct Fan Coil combines powerful performance, flexible installation and quiet operation in one compact solution. Designed to operate across a wide range of external static pressures, it can be easily adapted to various residential and commercial applications.

Flexible piping connections simplify installation, while the high-efficiency DC brushless fan motor delivers reliable performance with low energy consumption and reduced noise levels. A standard return-air filter helps maintain clean airflow and consistent system performance.

Various Selections:

Designed to accommodate a wide range of external static pressures, the NFD provides greater flexibility when adapting to different duct layouts and installation requirements.

The unit supports fresh air intake, allowing outdoor air to be introduced into the system and helping improve indoor air quality and overall comfort.



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.

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)		m^3/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)	m^3/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)	m^3/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
	Power input (H/M/L)	W	18-9-7	23/13/8	32/18/10	41/22/12
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)	m^3/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
	Power input (H/M/L)	W	19-9-6	23/13/8	32/18/10	42/21/11
Sound power pressure (H/M/L)	0Pa (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
	Quantity		1	1	1	1
Fan	Type		Centrifugal, forward-curved Blades			
	Quantity		1	2	2	2
Coil	Row quantity		4	4	4	4
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6
	Diameter	mm	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52
Net dimensions (W×H×D)		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
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.						

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)		m^3/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)	m^3/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)	m^3/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
	Power input (H/M/L)	W	56/27/13	66/30/16	102/46/20	119/55/24
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)	m^3/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
	Power input (H/M/L)	W	56/27/13	67/29/16	103/46/20	121/54/23
Sound power pressure (H/M/L)	0Pa (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
	Quantity		1	2	2	2
Fan	Type		Centrifugal, forward-curved Blades			
	Quantity		2	4	4	4
Coil	Row quantity		4	4	4	4
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6
	Diameter	mm	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52
Net dimensions (W×H×D)		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
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.						