NØRDIS NFC2

CASSETTE FAN COIL UNITS



Updated 2nd Generation Cassette – Enhanced Comfort and Efficiency

The updated 2nd generation cassette has been designed to deliver even greater comfort, efficiency, and quieter operation. Improved design and control ensure more precise temperature management, optimized energy consumption, and a consistently comfortable indoor climate.

New Panel Design

A newly-designed round air discharge ensures uniform, evenly-distributed airflow and temperature.



Individual Louver Control

All four louvers can be independently controlled and adjusted for more customized airflow.

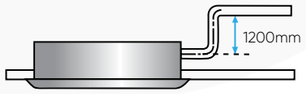


7 Speed Fan - for Better Control

With 7 fan speed settings, the unit can adapt more precisely. This means smoother temperature control, quieter operation at lower speeds, and improved energy efficiency when full power is not required.

High-lift Drain Pump

A drain pump with 1200mm pump head is fitted as standard, simplifying installation of the drain piping.



Extended condensate tray for greater ceiling protection.

Human Detect Sensor

The indoor unit automatically stops when detecting absence.



The indoor unit automatically stops when an empty room is detected

Model			NFC2-V300-2-2P	NFC2-V400-3-2P	NFC2-V500-3-2P
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Airflow	Air flow	m^3/h	510/475/442/408/ 374/341/307	680/628/588/545/ 506/465/426	850/780/721/664/ 606/550/493
		CFM	300/280/260/240/ 220/201/181	400/369/346/321/ 298/274/251	500/459/424/391/ 356/324/290
Cooling [1]	Capacity	kW	3,00/2,76/2,61/ 2,46/2,3/2,14/1,97	3,80/3,54/3,37/3,18/ 3,00/2,81/2,62	4,70/4,32/4,07/3,83/ 3,57/3,31/3,04
	Water flow rate	m^3/h	0,53/0,47/0,45/0,42/ 0,39/0,37/0,34	0,66/0,61/0,58/0,55/ 0,52/0,48/0,45	0,82/0,74/0,7/0,66/ 0,61/0,57/0,52
	Water pressure drop	kPa	15/12/11/9/8/7/6	16/14/13/11/10/9/8	24/20/18/16/14/12/10
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	46/41/34/27/22/18/14
Heating [2]	Capacity	kW	3,30/3,09/2,91/2,73/ 2,54/2,35/2,15	4,30/4,05/3,84/3,60/ 3,38/3,15/2,92	5,00/4,75/4,46/4,17 /3,87/3,58/3,26
	Water flow rate	m^3/h	0,56/0,53/0,5/0,47/ 0,44/0,41/0,37	0,75/0,7/0,66/0,62/ 0,58/0,54/0,50	0,88/0,82/0,77/0,72/ 0,67/0,62/0,56
	Water pressure	kPa	15/13/12/11/9/8/7	16/14/12/11/10/9/8	24/20/18/16/14/12/11
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	46/41/34/27/22/18/14
Sound level	Sound pressure level [3]	dB(A)	29,8/28,6/27,9/27,1/ 26,5/25,7/25,2	37,8/35,7/34,0/32,4/ 30,6/28,5/26,8	44,1/42,2/40,0/37,9/ 35,3/32,9/29,8
	Sound power level	dB(A)	42,6/41,7/40,6/39,7/ 38,6/37,7/37,2	50,2/48,2/46,3/44,3/ 42,7/40,4/38,7	56,6/54,6/52,4/50,2/ 47,9/45,2/42,1
Rated current		A	0,3/0,2/0,1/0,1/0,1/0,1/0,1	0,3/0,3/0,2/0,2/0,2/0,2/0,1	0,5/0,4/0,3/0,3/0,3/0,2/0,2
Fan Motor	DC Type		+	+	+
	Quantity		1	1	1
Fan	Centrifugal, forward-curved blades		+	+	+
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	7	7	7
	Internal water volume	l	0,87	1,1	1,1
Water Connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	Ø25	Ø25	Ø25
Panel Dimensions and Weight	Net dimensions (W×H×D)	mm	618x45x618	618x45x618	618x45x618
	Packing size (W×H×D)	mm	680x80x665	680x80x665	680x80x665
	Net weight	kg	2,4	2,4	2,4
	Gross weight	kg	3,2	3,2	3,2
Body Dimensions and Weight	Body dimensions (W×H×D)	mm	575x240x575	575x240x575	575x240x575
	Packing dimension (W×H×D)	mm	690x295x690	690x295x690	690x295x690
	Net weight	kg	13,5	14,5	14,5
	Gross weight	kg	15,7	16,7	16,7

Model			NFC2-V600-2-2P	NFC2-V700-2-2P	NFC2-V800-2-2P
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Airflow	Air flow	m^3/h	1020/950/880/ 780/700/620/490	1190/1090/990/ 900/790/680/560	1360/1280/1180/ 1040/920/800/650
		CFM	600/558/517/ 458/411/364/288	700/641/582/ 529/464/400/329	800/752/694/ 611/541/470/382
Cooling [1]	Capacity	kW	5,50/5,25/5,00/ 4,55/4,00/3,20/2,70	6,50/6,10/5,70/ 5,10/4,80/4,40/3,75	7,50/7,00/6,50/ 6,03/5,50/4,90/4,30
	Water flow rate	m^3/h	1,04/0,97/0,90/ 0,81/0,71/0,58/0,49	1,20/1,08/0,99/ 0,90/0,82/0,76/0,70	1,33/1,23/1,13/ 1,06/0,96/0,85/0,77
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	55/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Heating [2]	Capacity	kW	6,50/6,20/5,90/ 5,25/4,85/4,30/3,55	7,50/7,20/6,60/ 6,10/5,50/5,00/4,10	8,50/7,90/7,20/ 6,58/5,90/5,40/4,70
	Water flow rate	m^3/h	1,18/1,09/1,04/0,94/ 0,84/0,75/0,64	1,35/1,28/1,19/1,07/ 0,97/0,88/0,81	1,48/1,39/1,28/1,17/ 1,03/0,93/0,83
	Water pressure	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15
Sound level	Sound pressure level [3]	dB(A)	39,8/37,5/35,2/ 32,3/29,2/25,9/22,3	37,4/34,6/31,8/ 28,9/25,9/23,5/20,7	41,4/38,7/35,8/ 32,5/29,1/25,9/23,1
	Sound power level	dB(A)	54/49,1/46,5/ 46/40,4/36,9/35	51/48,4/45,6/ 43/399/39,1/35	54/50,2/47,5/46/41,2/37,4/37
Rated current		A	0,5/0,4/0,3/0,3/0,3/0,3/0,3	0,5/0,4/0,3/0,3/0,3/0,3/0,3	0,6/0,3/0,4/0,3/0,3/0,3/0,3
Fan Motor	DC Type		+	+	+
	Quantity		1	1	1
Fan	Centrifugal, forward-curved blades		+	+	+
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	7	7	7
	Internal water volume	l	-	-	-
Water Connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	Ø25	Ø25	Ø25
Panel Dimensions and Weight	Net dimensions (W×H×D)	mm	950×77×950	950×77×950	950×77×950
	Packing size (W×H×D)	mm	1020×90×1020	1020×90×1020	1020×90×1020
	Net weight	kg	5,8	5,8	5,8
	Gross weight	kg	7,6	7,6	7,6
Body Dimensions and Weight	Body dimensions (W×H×D)	mm	840×204×840	840×288×840	840×288×840
	Packing dimension (W×H×D)	mm	940×250×940	940×335×940	940×335×940
	Net weight	kg	19,3	23,6	23,6
	Gross weight	kg	22,3	26,2	26,2

Model			NFC2-V1000-2-2P	NFC2-V1200-3-2P	NFC2-V1400-3-2P
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Airflow	Air flow	m^3/h	1700/1600/1450/ 1250/1150/1000/810	1950/1850/1650/ 1450/1300/1150/950	2380/2177/1970/ 1762/1547/1345/1142
		CFM	1000/941/852/ 735/676/588/476	1147/1088/970/ 852/764/676/558	1400/1281/1159/ 1037/910/791/672
Cooling [1]	Capacity	kW	8,50/8,20/7,65/ 6,94/6,40/5,80/4,85	10,50/10,00/9,50/ 8,90/8,00/7,10/6,20	12,80/11,69/10,8/ 9,88/8,9/7,93/6,92
	Water flow rate	m^3/h	1,56/1,46/1,35/ 1,22/1,12/1,01/0,86	2,02/1,89/1,76/ 1,64/1,50/1,32/1,16	2,32/2,01/1,85/ 1,7/1,53/1,36/1,19
	Water pressure drop	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17	50/43/37/31/25/20/15
	Power input	W	100/80/60/50/40/30/20	200/150/110/80/60/40/30	180/134/100/73/51/36/24
Heating [2]	Capacity	kW	9,50/9,35/8,75/ 8,10/7,40/6,60/5,80	12,00/11,20/10,50/ 9,95/9,00/8,00/6,90	14,50/13,09/11,99/ 10,86/9,67/8,51/7,33
	Water flow rate	m^3/h	1,73/1,66/1,57/ 1,44/1,30/1,16/1,02	2,23/2,08/1,89/ 1,72/1,56/1,38/1,20	2,44/2,26/2,07/ 1,87/1,67/1,47/1,26
	Water pressure	kPa	45/40/35/30/25/20/18	45/40/35/30/25/20/17	50/43/37/31/26/20/16
	Power input	W	100/80/60/50/40/30/20	200/150/110/ 80/60/40/30	180/134/100/ 73/51/36/24
Sound level	Sound pressure level [3]	dB(A)	46,8/44,5/41,6/ 38,4/34,8/30,8/26,8	51,5/49,3/46,9/ 44,2/40,7/36,7/32,0	49,2/46,7/44,0/ 40,9/37,7/33,9/29,8
	Sound power level	dB(A)	60/56,8/54,1/52/ 47,7/43,9/41	64/61,2/58,6/56/ 52,4/48,5/44	61,8/59,3/56,6/ 53,6/50,2/46,5/42,1
Rated current		A	1,0/0,7/0,5/ 0,4/0,3/0,3/0,3	1,6/1,1/0,8/0,7/0,5/0,4/0,4	1,4/1,0/0,8/0,6/0,5/0,4/0,3
Fan Motor	DC Type		+	+	+
	Quantity		1	1	1
Fan	Centrifugal, forward-curved blades		+	+	+
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	7	7	7
	Internal water volume	l	-	-	-
Water Connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4
	Drain pipe	mm	Ø25	Ø25	Ø32
Panel Dimensions and Weight	Net dimensions (W×H×D)	mm	950×77×950	950×77×950	1050×60×1050
	Packing size (W×H×D)	mm	1020×90×1020	1020×90×1020	1115×100×1115
	Net weight	kg	5,8	5,8	7,4
	Gross weight	kg	7,6	7,6	9,7
Body Dimensions and Weight	Body dimensions (W×H×D)	mm	840×288×840	840×288×840	950×300×950
	Packing dimension (W×H×D)	mm	940×335×940	940×335×940	1080×355×1080
	Net weight	kg	23,6	25,9	32,5
	Gross weight	kg	26,2	28,3	37,3

Notes:

Based on Eurovent conditions:

[1] Cooling mode: entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

[2] Heating mode: entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

[3] Sound pressure levels are measured 1m below and right of the unit in a semi-anechoic chamber.

All specifications are subject to change by the manufacturer without prior notice.