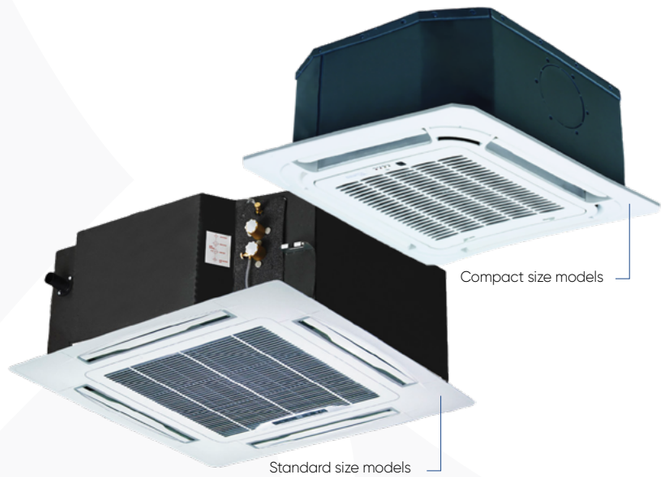


NØRDIS NFC

CASSETTE FAN COIL UNITS



NØRDIS Cassette Fan Coils are advanced units designed for optimal performance, low noise level maintenance, and flexibility in installation and management. The innovative DC brushless fan motor not only ensures maximum comfort but also guarantees economical operation. Compared to traditional motors, it is extremely efficient, which reduces electricity consumption by up to 30%.

Due to the convenient design, the devices are easy to install and maintain.

A wide selection:
two models of different sizes are available.

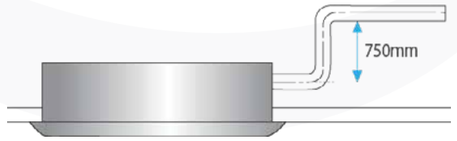
Compact size models:
NFC-V300
NFC-V400
NFC-V500

Standard size models:
NFC-V600R
NFC-V750R
NFC-V850R
NFC-V950R
NFC-V1200R
NFC-V1500R

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

- Energy-saving: reduces electricity consumption by up to 30%.
- Higher efficiency.
- Greater comfort: smaller fluctuations in temperature and relative humidity.
- Ultra-quiet operation.
- Lower wear and higher reliability.
- Longer motor life.

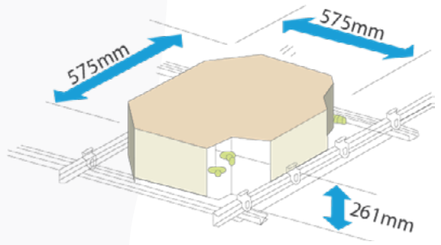
Includes drainage pump: standard built-in drain pump with 750 mm pump head for normal size and 500 mm for compact size.



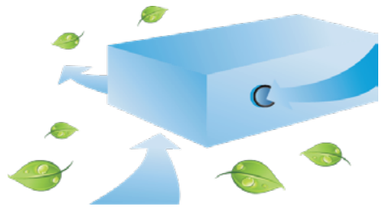
Extended condensate tray for greater ceiling protection.

Compact Design, Easy Installation

The extremely compact casing complements any room's decor and requires minimal space for installation, even on low ceilings. Thanks to its compact body and lightweight design, all models can be installed without the need for a hoist.



The cassette unit allows fresh air to enter, enhancing the overall air quality in the room.



Model			NFC-V300-2-2P	NFC-V400-2-2P	NFC-V500-2-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m^3/h	535/429/322	610/477/381	781/611/494
		CFM	314/252/189	359/281/224	459/359/290
Cooling[1]	Capacity (H/M/L)	kW	2,98/2,53/2	3,96/3,26/2,76	4,2/3,48/3,01
	Water flow rate (H/M/L)	m^3/h	0,53/0,45/0,35	0,7/0,58/0,51	0,75/0,61/0,54
	Water pressure drop (H/M/L)	kPa	10/7/5	11,48/8,2/6,54	12,32/8,62/7,4
	Power input (H/M/L)	W	15/9/5	28/15/9	43/28/21
Heating[2]	Capacity (H/M/L)	kW	2,61/2,31/2,24	4,08/3,34/2,73	4,95/3,99/3,26
	Water flow rate (H/M/L)	m^3/h	0,64/0,54/0,42	0,83/0,67/0,56	0,87/0,70/0,58
	Water pressure drop (H/M/L)	kPa	12,1/8,5/5,3	9,2/8,6/6	9,4/8,23/6,1
	Power input (H/M/L)	W	15/9/5	28/16/10	33/18/11
Heating[3]	Capacity (H/M/L)	kW	4,01/3,35/2,61	4,78/3,84/3,18	5,76/4,69/3,84
	Water flow rate (H/M/L)	m^3/h	0,53/0,45/0,35	0,7/0,58/0,51	0,75/0,61/0,54
	Water pressure drop (H/M/L)	kPa	8,2/6/3,8	12,68/6,4/4,92	11,41/6,5/5,41
	Power input (H/M/L)	W	14/9/5	28/16/10	33/18/11
Sound pressure level	(H/M/L)	dB (A)	39/33/27	42/36/30	43/38/32
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		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	Ø7	Ø7	Ø7
Panel	Net dimensions (W×H×D)	mm	647×50×647	647×50×647	647×50×647
	Packing size (W×H×D)	mm	715×123×715	715×123×715	715×123×715
	Net weight	kg	2,5	2,5	2,5
	Gross weight	kg	4,5	4,5	4,5
Body	Net dimensions (W×H×D)	mm	575×261×575	575×261×575	575×261×575
	Packing size (W×H×D)	mm	670×290×670	670×290×670	670×290×670
	Net weight	kg	16,5	16,5	16,5
	Gross weight	kg	22,5	22,5	22,5
Pipe connections	Water inlet/outlet pipe	Inch	G3/4	G3/4	G3/4
	Drain pipe	mm	Ø25	Ø25	Ø25
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.					

Model			NFC-V600R-2-2P	NFC-V750R-2-2P	NFC-V850R-2-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m^3/h	1175/987/768	1229/1020/810	1451/1146/1012
		CFM	691/580/451	722/600/476	853/674/595
Cooling[1]	Capacity (H/M/L)	kW	5,93/5,3/4,4	6,12/5,45/4,6	7,52/6,46/5,89
	Water flow rate (H/M/L)	m^3/h	1,06/0,92/0,77	1,10/0,96/0,81	1,37/1,18/1,07
	Water pressure drop (H/M/L)	kPa	19,2/15,4/11	21,3/21,3/12,4	20,1/15,3/12,6
	Power input (H/M/L)	W	41/27/17	49/31/20	68/37/30
Heating[2]	Capacity (H/M/L)	kW	6,06/5,72/5,32	6,27/5,88/5,43	7,88/7,48/6,76
	Water flow rate (H/M/L)	m^3/h	1,30/1,14/1,13	1,39/1,20/1,00	1,66/1,39/1,25
	Water pressure drop (H/M/L)	kPa	25,9/20,1/19,9	30/22,7/16,3	26,7/18,8/15,6
	Power input (H/M/L)	W	42/28/17	44/32/20	66/37/28
Heating[3]	Capacity (H/M/L)	kW	8,42/7,37/6,06	8,62/7,49/6,27	10,37/8,72/7,88
	Water flow rate (H/M/L)	m^3/h	1,06/0,92/0,77	1,10/0,96/0,81	1,37/1,18/1,07
	Water pressure drop (H/M/L)	kPa	16,9/12,7/8,6	19,1/14,8/10,6	18,2/13,6/11,1
	Power input (H/M/L)	W	42/28/17	49/31/19	67/37/28
Sound pressure level		dB (A)	43/39/33	44/40/34	45/40/37
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		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	Ø7	Ø7	Ø7
Panel	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
	Gross weight	kg	9	9	9
Body	Net dimensions (W×H×D)	mm	840×230×840	840×230×840	840×300×840
	Packing size (W×H×D)	mm	900×237×900	900×237×900	900×330×900
	Net weight	kg	23	23	27
	Gross weight	kg	28	28	33
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4
	Drain pipe	mm	Ø32	Ø32	Ø32
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.					

Model			NFC-V950R-2-2P	NFC-V1200R-2-2P	NFC-V1500R-3-2P
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m^3/h	1530/1224/1101	1581/1371/1236	1871/1415/1198
		CFM	900/720/647	930/806/727	1100/832/704
Cooling[1]	Capacity (H/M/L)	kW	7,84/6,84/6,35	7,87/7,12/6,67	11,19/8,82/7,48
	Water flow rate (H/M/L)	m^3/h	1,43/1,24/1,13	1,44/1,28/1,22	1,96/1,53/1,28
	Water pressure drop (H/M/L)	kPa	22/17/14,1	22,3/18,1/16,3	36,6/22,7/16,4
	Power input (H/M/L)	W	75/42/34	85/59/45	126/58/39
Heating[2]	Capacity (H/M/L)	kW	8,49/8/7,35	9,16/8,54/79	10,07/9,37/8,68
	Water flow rate (H/M/L)	m^3/h	1,71/1,45/1,33	1,73/1,57/1,46	2,35/1,86/1,59
	Water pressure drop (H/M/L)	kPa	28,1/20,7/17,4	28,8/24/20,7	49,2/31,2/23,3
	Power input (H/M/L)	W	76/43/33	86/59/45	128/58/38
Heating[3]	Capacity (H/M/L)	kW	10,86/9,24/8,49	10,92/9,84/9,16	14,92/11,73/10,07
	Water flow rate (H/M/L)	m^3/h	1,43/1,24/1,13	1,44/1,28/1,22	1,96/1,53/1,28
	Water pressure drop (H/M/L)	kPa	19,9/15,2/12,6	20/16,2/14,7	34,3/21,3/15
	Power input (H/M/L)	W	76/42/33	85/58/45	127/58/39
Sound power pressure (H/M/L)		dB (A)	46/42/39	48/44/41	49/43/39
Fan motor	Type		DC Motor	DC Motor	DC Motor
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row quantity		2	2	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	Ø7	Ø7	Ø7
Panel	Net dimensions (W×H×D)	mm	950×45×950	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035	1035×90×1035
	Net weight	kg	6	6	6
	Gross weight	kg	9	9	9
Body	Net dimensions (W×H×D)	mm	840×300×840	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900	900×330×900
	Net weight	kg	27	27	29,5
	Gross weight	kg	33	33	34,5
Pipe connections	Water inlet/outlet pipe	Inch	RC3/4	RC3/4	RC3/4
	Drain pipe	mm	Ø32	Ø32	Ø32
Specifications are subject to change without notice. For actual device specifications, see the stickers on the device.					

Notes:

H:High fan speed; M: Medium fan speed; L: Low fan speed.

[1] Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/19°C WB, entering/leaving water temperature 7°C /12°C.

[2] Heating mode(1): (2-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 45/40°C.

[3] Heating mode(2): (2-pipe coil): entering air temperature 20°C DB, enter water temperature/water flow 50°C/*(same water flow as in standard rating condition in cooling)

[4] Noise is tested in a semi-anechoic test room.

[5] Sound power level is tested in a reverberation chamber.