



**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.



**STYLISH 360° PANEL**  
WITH LARGE AIRFLOW OUTLET

**A WIDE SELECTION:**  
TWO MODELS OF DIFFERENT SIZES ARE AVAILABLE.

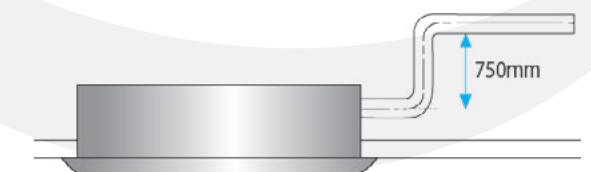
**Compact size models:**  
NFC-V300  
NFC-V400  
NFC-V500

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

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

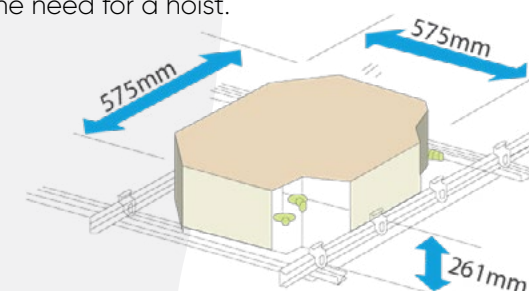
Includes drainage pump: standard built-in drain pump with 750 mm pump head for normal size and 500 mm for compact size.



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/F/Hz | 220-240/1/50                       |                |                |
| Air flow (H/M/L)     |                             | m³/h   | 535/429/322                        | 610/477/381    | 781/611/494    |
|                      |                             | CFM    | 314/252/189                        | 359/281/224    | 459/359/290    |
| Cooling <sup>1</sup> | 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)     | m³/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 <sup>2</sup> | 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)     | m³/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 <sup>3</sup> | 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)     | m³/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            |

| Model                |                             |        | NFC-V600R-2-2P                     | NFC-V750R-2-2P | NFC-V850R-2-2P  |
|----------------------|-----------------------------|--------|------------------------------------|----------------|-----------------|
| Power supply         |                             | V/F/Hz | 220-240/1/50                       |                |                 |
| Air flow (H/M/L)     |                             | m³/h   | 1175/987/768                       | 1229/1020/810  | 1451/1146/1012  |
|                      |                             | CFM    | 691/580/451                        | 722/600/476    | 853/674/595     |
| Cooling <sup>1</sup> | 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)     | m³/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 <sup>2</sup> | 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)     | m³/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 <sup>3</sup> | 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)     | m³/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             |

| Model                        |                             |        | NFC-V950R-2-2P                     | NFC-V1200R-2-2P | NFC-V1500R-3-2P   |
|------------------------------|-----------------------------|--------|------------------------------------|-----------------|-------------------|
| Power supply                 |                             | V/F/Hz | 220-240/1/50                       |                 |                   |
| Air flow (H/M/L)             |                             | m³/h   | 1530/1224/1101                     | 1581/1371/1236  | 1871/1415/1198    |
|                              |                             | CFM    | 900/720/647                        | 930/806/727     | 1100/832/704      |
| Cooling <sup>1</sup>         | 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)     | m³/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 <sup>2</sup>         | Capacity (H/M/L)            | kW     | 8.49/8/7.35                        | 9.16/8.54/7.9   | 10.07/9.37/8.68   |
|                              | Water flow rate (H/M/L)     | m³/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        | 128/58/39         |
| Heating <sup>3</sup>         | 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)     | m³/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               |

**Notes:**

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

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

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

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

<sup>4</sup> Noise is tested in a semi-anechoic test room.

<sup>5</sup> Sound power level is tested in a reverberation chamber.