



# NØRDIS FMA series

MULTI-SPLIT TYPE CASSETTE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



**EFFICIENT HEATING AND COOLING** from -22°C to +53°C Temperature Range



**SMART AIRFLOW CONTROLS**  
Cooling with „Shower-Type“ Airflow, Heating with „Blanket-Type“ Airflow



**“I FEEL” TECHNOLOGY** for smart temperature control



Built-in Wi-Fi module **FOR SMART CONTROL** by mobile phone



**SMART DEFROSTING** safely defrosts the system



**8-DIRECTION Airflow**, evenly distributing air throughout the room.

| Model        |                                   |          | FMA-12CRD/DVI           | FMA-18CRD/DVI            |
|--------------|-----------------------------------|----------|-------------------------|--------------------------|
| Cooling      | Capacity                          | kW       | 3.5                     | 5.2                      |
|              | Cooling Power Input (min-nom-max) | W        | 37                      | 40                       |
|              | Rated Current                     | A        | 0.17                    | 0.18                     |
|              | SEER                              |          | 6.1                     | 6.1                      |
| Heating      | Capacity                          | kW       | 3.9                     | 5.7                      |
|              | Power Input                       | A        | 0.17                    | 0.18                     |
|              | SCOP                              |          | 4                       | 4                        |
| Energy Class | Cooling/Heating                   |          | A++/A+                  | A++/A+                   |
| Indoor Unit  | Voltage                           | V, Hz, F | 220-240V~/50HZ          | 220-240V~/50HZ           |
|              | Dimension (WxHxD)                 | mm       | 574x250x574             | 574x250x574              |
|              | Dimension of Package (LxWxH)      | mm       | 725x330x725             | 725x330x725              |
|              | Weight Net/Gross                  | kg       | 20/24                   | 20/24                    |
|              | Panel Weight Net/Gross            | kg       | 2.5/4.5                 | 2.5/4.5                  |
|              | Air Flow                          | m3/h     | 600                     | 800                      |
|              | Noise Level                       | dB (A)   | 46/49/52                | 49/52/56                 |
|              | WI-FI                             |          | +                       | +                        |
|              | Pipe Diameters                    | in/mm    | 1/4"-3/8" (Ø6.35-Ø9.52) | 1/4"-1/2" (Ø6.35-Ø12.70) |





## Create Your Own Multi-Split System

NØRDIS Multi-Split system is the best choice for personalized comfort in your home.

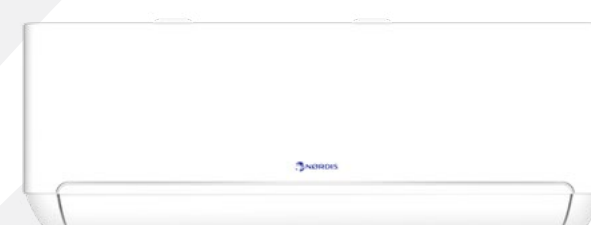
This flexible solution allows a single outdoor unit to connect up to 5 indoor units, making it easy to customize the climate for different rooms or floors according to individual needs.

The Multi-Split system is compatible with three NØRDIS air conditioner series – NOVA, Orion Pro, and FMA – giving you access to the latest advanced features.

Enjoy precise temperature control and comfort in different spaces with just one outdoor unit. Customize your home environment for every family member with the NØRDIS Multi-Split system.



Indoor Units  
**NØRDIS NOVA**



Indoor Units  
**NØRDIS ORION PRO**



Indoor Units  
**NØRDIS FMA**



### Wi-Fi Remote Control

Enjoy comfort with smart WiFi control, allowing you to manage your NØRDIS Multi-Split system from anywhere with an internet connection. Experience effortless convenience by adjusting functions and temperature remotely, ensuring the perfect indoor climate.



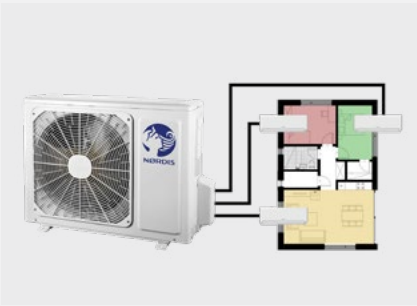
The NØRDIS Inverter Multi-Split system is the simplest way to heat or cool up to five separate rooms using just one outdoor unit. It allows you to individually control the comfort level in each room.

# Heat and cool multiple separate zones in your home



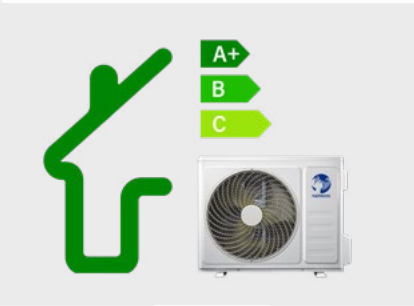
### Space-saving solution

No need to install separate outdoor units for each air conditioner inside. The compact and quiet design of the outdoor unit therefore takes up less space than installing separate split systems.



### Independent device management

The outdoor unit is connected to each indoor unit via a separate pipe, so that the settings for each indoor unit can be adjusted individually.



### Optimised performance and energy savings

One external device is much more efficient and energy saving. Advanced inverter heat pump technology allows you to achieve higher efficiency and energy savings through reduced electricity consumption.

| Model                                              |           |    | FMA-14I2HD/DVO       | FMA-18I2HD/DVO       | FMA-27I3HD/DVO       | FMA-32I4HD/DVO       | FMA-42I5HD/DVO       |
|----------------------------------------------------|-----------|----|----------------------|----------------------|----------------------|----------------------|----------------------|
| Number of indoor units                             |           |    | 1-2                  | 1-2                  | 1-3                  | 1-4                  | 1-5                  |
| Power supply                                       |           |    | 1F / 220-240V / 50Hz | 1F / 220-240V / 50Hz | 1F / 220-240V / 50Hz | 1F / 220-240V / 50Hz | 1F / 220-240V / 50Hz |
| Capacity, kW                                       | Cooling   | kW | 4.10 (1.20-4.85)     | 5.10 (1.23-5.60)     | 7.90 (2.80-8.80)     | 9.40 (3.10-10.20)    | 12.20 (3.30-13.10)   |
|                                                    | Heating   | kW | 4.31 (1.25-5.2)      | 5.20 (1.29-5.75)     | 7.96 (2.45-8.8)      | 9.45 (2.55-10.2)     | 12.20 (3.3-13.1)     |
| Current                                            | Cooling   | A  | 6.3 (1.2-8.0)        | 7.5 (1.3-10.5)       | 11.7 (1.6-14.0)      | 14.1 (1.8-17.0)      | 16.8 (3.2-24.0)      |
|                                                    | Heating   | A  | 5.9 (1.1-8.0)        | 6.2 (1.2-10.5)       | 10.1 (1.9-14.0)      | 13.0 (2.3-17.0)      | 15.8 (3.5-24.0)      |
| Consumption                                        | Cooling   | kW | 1.2                  | 1.6                  | 2.63                 | 2.76                 | 3.81                 |
|                                                    | Heating   | kW | 1.1                  | 1.4                  | 2.1                  | 2.54                 | 3.68                 |
| SEER                                               |           |    | 6.1                  | 6.1                  | 6.1                  | 6.1                  | 6.1                  |
| SCOP                                               |           |    | 4.0                  | 4.0                  | 4.0                  | 4.0                  | 4.0                  |
| Energy class                                       |           |    | A++/A+               | A++/A+               | A++/A+               | A++/A+               | A++/A+               |
| Dimensions (WxHxD)                                 | mm        |    | 835×605×360          | 835×605×360          | 968×655×375          | 990×910×340          | 990×910×340          |
| Dimensions of package (WxHxD)                      | mm        |    | 883×645×394          | 883×645×394          | 1015×715×425         | 1030×950×430         | 1030×950×430         |
| Weight Netto/Bruto                                 | kg        |    | 34/38                | 34/38                | 46/51                | 68/80                | 73/85                |
| Air flow volume                                    | m³/h      |    | 2100                 | 2100                 | 3000                 | 4000                 | 4000                 |
| Sound pressure level                               |           |    | 65                   | 65                   | 67                   | 70                   | 70                   |
| Refrigerant liquid                                 |           |    | R32                  | R32                  | R32                  | R32                  | R32                  |
| Refrigerant charge                                 | kg        |    | 1.10                 | 1.10                 | 1.50                 | 2.20                 | 3.00                 |
| Max pipe length without additional refrigerant (1) | m         |    | 5                    | 5                    | 5                    | 5                    | 5                    |
| Additional refrigerant                             | g/m       |    | 15                   | 15                   | 15                   | 15                   | 15                   |
| Max. Distances for each indoor unit                | Elevation | m  | 10                   | 10                   | 10                   | 10                   | 10                   |
|                                                    | Length    | m  | 15                   | 15                   | 15                   | 15                   | 15                   |
| Power cable                                        | mm²       |    | 3x1.5                | 3x1.5                | 3x2.5                | 3x2.5                | 3x2.5                |
| Automatic switch                                   | A         |    | 16                   | 16                   | 16                   | 25                   | 32                   |
| Cooling operation temperature range                | °C        |    | -15~53               | -15~53               | -15~53               | -15~53               | -15~53               |
| Heating operation temperature range                |           |    | -22~30               | -22~30               | -22~30               | -22~30               | -22~30               |

# MULTI-SPLIT system combinations

| FMA-14I2HD/DVO |                | FMA-18I2HD/DVO |                | FMA-27I3HD/DVO |                |
|----------------|----------------|----------------|----------------|----------------|----------------|
| 1 Indoor Unit  | 2 Indoor Units | 1 Indoor Unit  | 2 Indoor Units | 2 Indoor Units | 3 Indoor Units |
| 09             | 09+09          | 09             | 09+09          | 09+09          | 09+09+09       |
| 12             | 09+12          | 12             | 09+12          | 09+12          | 09+09+12       |
|                |                | 18             | 09+18          | 09+18          | 09+09+18       |
|                |                |                | 12+12          | 12+12          | 09+12+18       |
|                |                |                |                | 12+18          | 12+12+12       |
|                |                |                |                | 18+18          |                |

| FMA-32I4HD/DVO |                |                | FMA-42I5HD/DVO |                |                |                |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 2 Indoor Units | 3 Indoor Units | 4 Indoor Units | 2 Indoor Units | 3 Indoor Units | 4 Indoor Units | 5 Indoor Units |
| 09+09          | 09+09+09       | 09+09+09+09    | 09+09          | 09+09+09       | 09+09+09+09    | 09+09+09+09+09 |
| 09+12          | 09+09+12       | 09+09+09+12    | 09+12          | 09+09+12       | 09+09+09+12    | 09+09+09+09+12 |
| 09+18          | 09+09+18       | 09+09+09+18    | 12+12          | 09+12+12       | 09+09+09+18    | 09+09+09+09+18 |
| 12+12          | 09+12+18       | 09+09+12+12    | 09+18          | 09+09+18       | 09+09+12+12    | 09+09+09+12+12 |
| 12+18          | 12+12+18       |                | 12+18          | 09+12+18       | 09+09+12+18    | 09+09+09+12+18 |
| 18+18          |                |                | 18+18          | 12+12+12       | 09+12+12+12    | 09+09+09+18+18 |
|                |                |                |                | 12+12+18       | 09+12+12+18    | 09+09+12+12+12 |
|                |                |                |                | 12+18+18       | 09+12+18+18    | 09+09+12+12+18 |
|                |                |                |                |                | 12+12+12+12    | 09+12+12+12+18 |
|                |                |                |                |                | 12+12+12+18    | 12+12+12+12+12 |
|                |                |                |                |                | 12+12+18+18    |                |

The technical specifications of the indoor units listed in the table can be found on pages 17, 19, and 23, while the outdoor units' specifications are on page 26.