

# J-II 2 pipe mini vrf



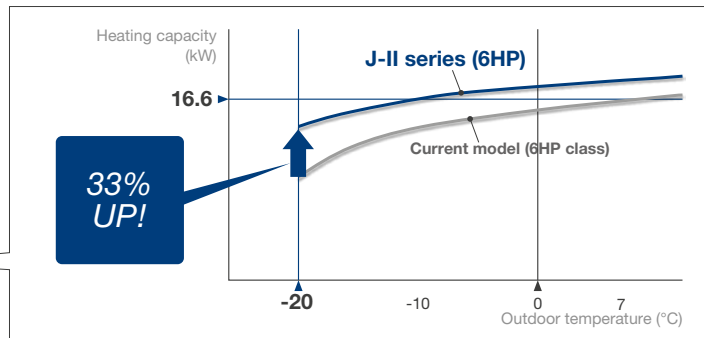
The J-II adopts the best technology and was designed with the greatest care to provide not only energy savings and comfort but also ease of installation and maintenance. The J-II is ideal for a wide range of applications from small office buildings and stores to large houses.

- Ideal for large homes to medium sized offices
- Quiet operation
- Connectable up to 9 indoor units
- Twin fan operation
- Total pipe length 180m max.

## Features

### Powerful Heating

Heating capacity is improved at low outdoor temperature by our advanced technology.



### Advanced high efficiency technology



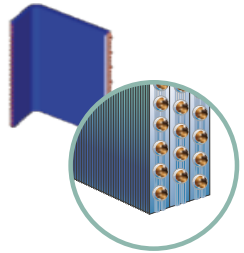
#### Large propeller fan

High performance and low noise realised by large propeller and optimisation of angle.



#### DC fan motor

Miniaturised, low noise, high efficiency, multi-stage DC fan motor is mounted.



#### Large heat exchanger

Heat exchange performance is substantially improved by mounting of 3-row large heat exchanger.



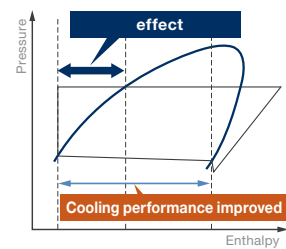
#### DC inverter control

Efficiency is improved by mounting of new active filter module.



#### Subcool heat exchanger

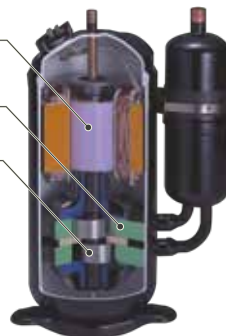
Cooling performance is improved by mounting of dual tube heat exchanger.



#### High efficiency compressor motor

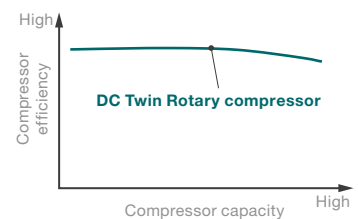
#### Optimised refrigerant flow design

#### Highly accurate parts



#### DC twin rotary compressor

Efficiency in all load regions is good. Especially good performance from low to medium at normal operation.



## Features

### Design Flexibility

#### High capacity connection

#### 4HP-6HP

AIRSTAGE™ J-II series  
Heat Pump type



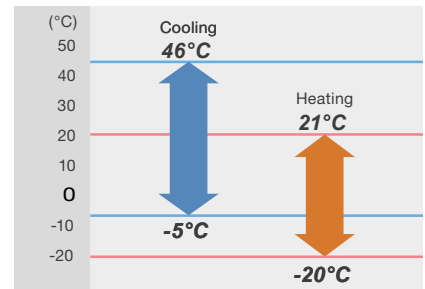
Connectable indoor unit  
capacity range  
**50%\*2 to 130%\*1**

Connectable indoor  
unit number  
**up to 9**

#### Wide operating range

Installation in extreme temperature conditions is possible due to an increase in operational range.

#### Airstage™ J-II series Heat Pump type



\*1. Conditions of maximum connectable indoor unit capacity ratio is as the chart below.

Outdoor unit capacity	Maximum connectable indoor capacity ratio	
	Without 1.1 kW models	With 1.1 kW models *2
8HP-48HP	150%	130%

\*2. In the case of connectable indoor units, 1.1 kW models and Cassette and/or Duct type of 9.0 kW class or more, maximum connectable indoor unit capacity ratio is 110%.

### Design for Easy Maintenance



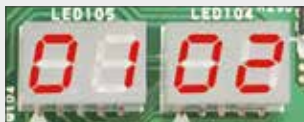
#### Moveable PCB panel

Easier for maintenance work  
behind the PCB



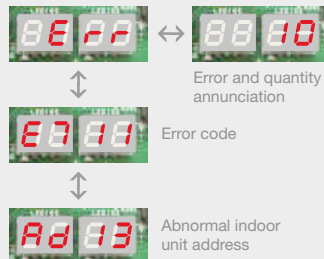
#### Easy to read 7-segment LED:

Confirm detailed operational and error status without using any specific equipment.



#### 7-segment LED

- Operation mode status
- Discharge temperature / Pressure status
- Compressor operation indication
- Address / type / number of outdoor unit

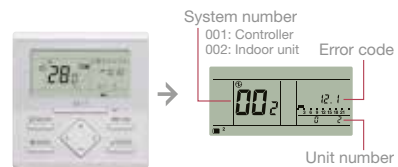


- Error status can be checked easily by outdoor unit display

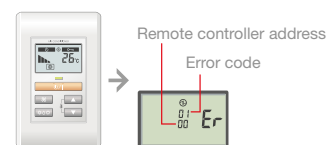
#### Error status can be checked easily via the indoor unit wired controller

An error code is displayed on a liquid crystal screen.

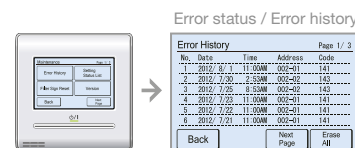
#### Wired Remote Controller



#### Simple Remote Controller

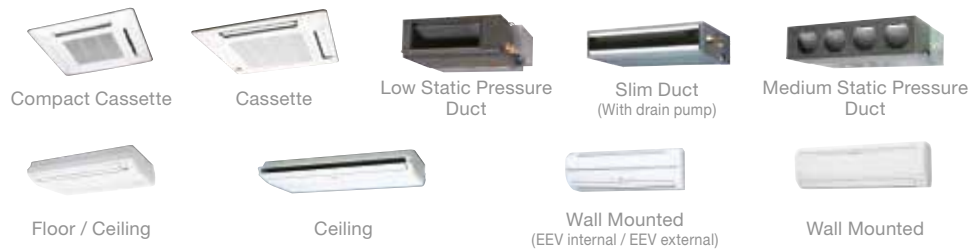


#### Wired Remote Controller (Touch panel)



### Comprehensive range of indoor units

The J-II Mini VRF system can serve up to 9 indoor units with 50-130% connectable indoor unit capacity, providing simultaneous heating or cooling in different rooms within the building. There are 12 different types of indoor unit available with over 55 models ranging from 1.1 to 25kW.



### Smart and user-friendly controller

There is a full range of easy-to-use controllers available, from wireless remote controls to a PC-based control software. The installation can also be linked to a building management system.

The touch panel LCD wired controller has a large clear screen for ease of use and allows service engineers to interrogate indoor and outdoor units to diagnose the system.



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All prices shown exclude VAT.



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Fujitsu air conditioning products are available from FG Eurofred and local distributors.



Cooling & Heating capacities are based on the following conditions:

**Cooling:** Indoor Temp.: 27°C DB/19°C WB, Outdoor Temp.: 35°C DB/24°C WB

**Heating:** Indoor Temp.: 20°C DB, Outdoor Temp.: 7°C DB

**Note:** Fuse ratings shown are only for information. Any fuses or MCB's installed onsite should be sized in accordance with I.E.E. regulations.

**For full installation details contact FG Eurofred or your local distributor.**