

J-IIS 2 pipe mini vrf



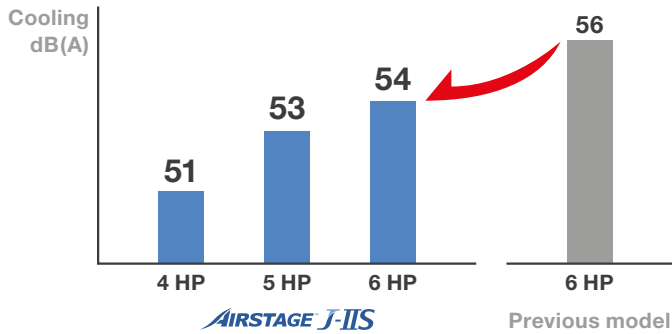
Despite its small size, the new J-IIS is not short on power. The single outdoor unit is powerful enough to feed eight indoor units, yet small enough to fit virtually anywhere. With a high-performance DC inverter, the J-IIS is also extremely efficient, as well as simple to install and reliable. The J-IIS gives you a new VRF option for smaller applications - another example of how Fujitsu is working hard to make your life easier.

- Compact and light weight
- Quiet operation
- Connectable up to 8 indoor units
- Single fan operation
- Total pipe length 80m max

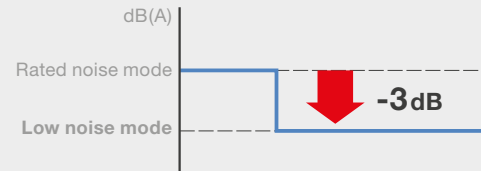
Features

Low sound level design

Significantly low sound level is improved by using DC twin rotary compressor, inverter technology, and advanced airflow structure design.



Lower noise operation is possible by low noise mode than rated noise level.



Advanced high efficiency technology



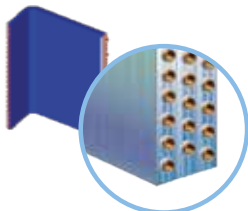
Large propeller fan

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.

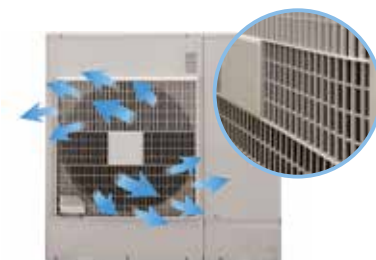


High heat transfer copper tube (Improved lead angle)



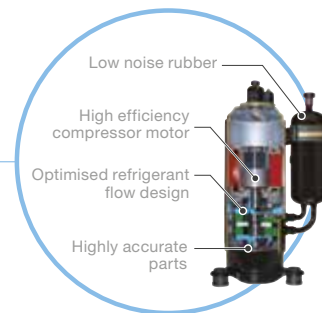
Aerodynamic grille design

This grille was aerodynamically designed for good efficiency with little blow loss.



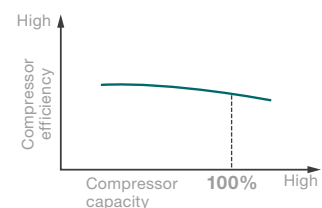
DC inverter control

Efficiency is improved by mounting of new active filter module.



Compact and high performance 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-IIS series
Heat Pump type



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

Connectable indoor
unit number
up to 8

*1. Conditions of maximum connectable indoor unit capacity ratio is as the chart below.
*2. Only 4HP is 46%

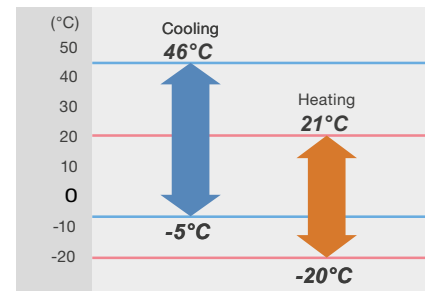
Outdoor unit capacity	Maximum connectable indoor capacity ratio	
	Without 1.1 kW models	With 1.1 kW models *3
4HP-6HP *2	130%	117% (JIS), 120% (JI)

*3. 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%.

Wide operating range

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

Airstage™ J-IIS series Heat Pump type



Design for Easy Maintenance

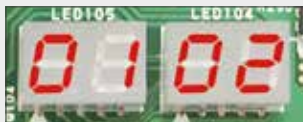


Moveable PCB panel
Easier for maintenance work
behind the PCB



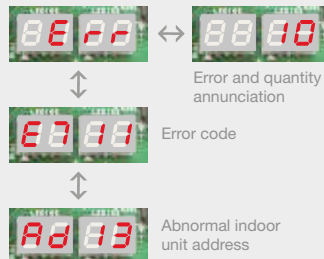
Easy to read 7-segment LED:

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

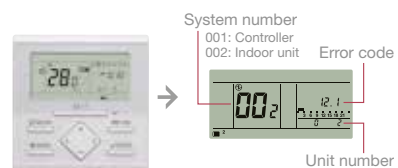


- Error status can be checked easily by outdoor unit display

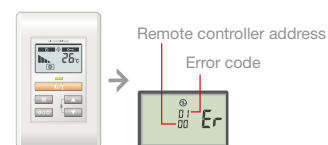
Error status can be checked easily via the indoor unit wired controller

An error code is displayed on a liquid crystal screen.

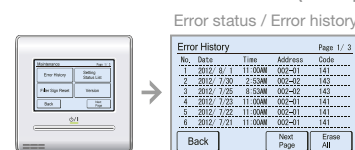
Wired Remote Controller



Simple Remote Controller



Wired Remote Controller (Touch panel)



Comprehensive range of indoor units

The J-IIS Mini VRF system can serve up to 8 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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 ISO 14001:2004 Certified (UK) 020 8731 3450 Fujitsu General (Thailand) Co., Ltd.
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 ISO 14001:2004 Certified (China) 020 8731 3450 Fujitsu General (Shanghai) Co., Ltd.

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.