FUJITSU AIRSTAGE™

Refrigerant R410A INVERTER

VRF system

AIRSTAGE™ J-IIS series

Backed by advanced air conditioning technology, this compact single-phase VRF System was developed to meet three key requirements:

Energy Efficient | **Easy Install** | **Optimum Comfort**

Single phase 208-230 VAC, 60 Hz

Models

AOU36RLAVS 3Ton

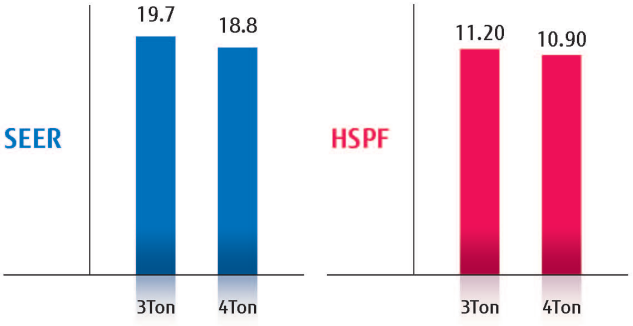
AOU48RLAVS 4Ton

A compact high-efficiency VRF System that responds to the needs of each building

Features

Energy Efficiency

The J-IIS provides the highest efficiency for any single-phased VRF.
Figures below based on non-ducted models.

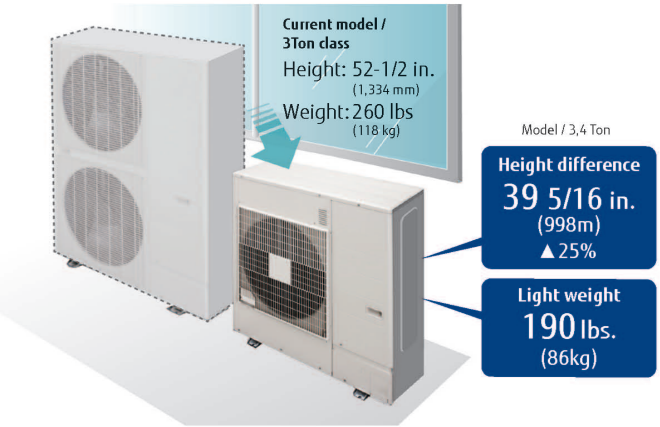


Large Heat Exchanger
Heat exchange performance is substantially improved by by adding a 3rd row to the heat exchanger...

High Efficiency DC Fan Motor
Using low noise dual DC fan motors offers better control and efficiency.

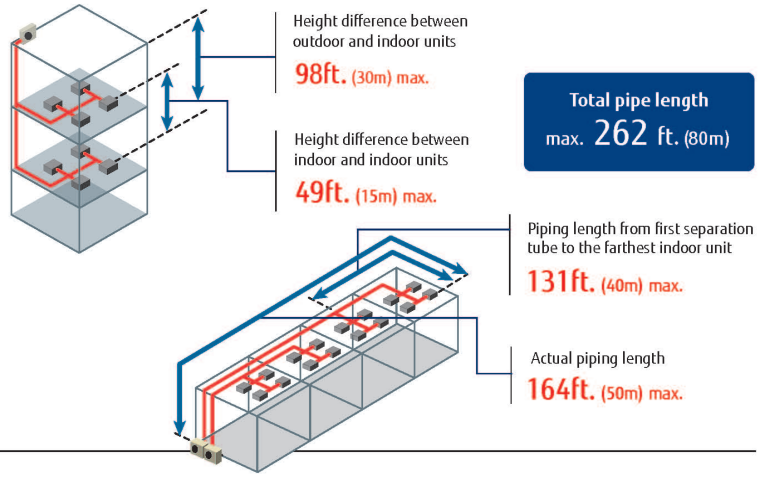
High Efficiency DC Twin Rotary Compressor
DC twin rotary compressor provides great performance under all load conditions. Its performance is optimized for part-load operation.

Easy Install and Design



Long Piping Length

Broad range of installation by long piping capability.



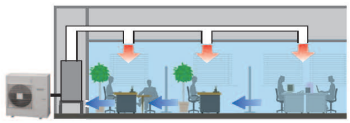
Flexible Design

Number of connectable indoor units
3Ton : 1 to 6 units
4Ton : 1 to 8 units

Connectable indoor unit capacity range
50 % to 130 %

Compatible indoor unit
11 Types of Airstage indoor units
Ranging in size from
7 kBTU to 48 kBTU

Duct system



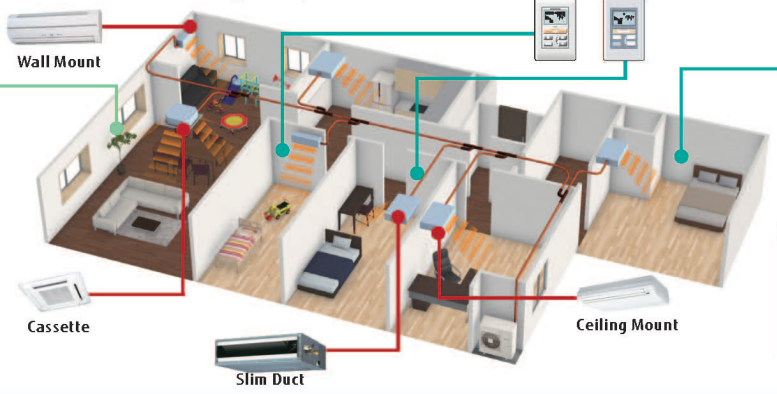
Easily retrofits existing ducts.

Optimum Comfort

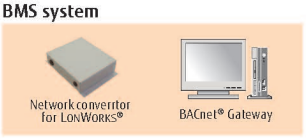
Individual control of each rooms' climate provides better control and reduces energy consumption.

Central Controller

- Central Remote Controller
- or
- Touch Panel Controller
- or
- System Controller



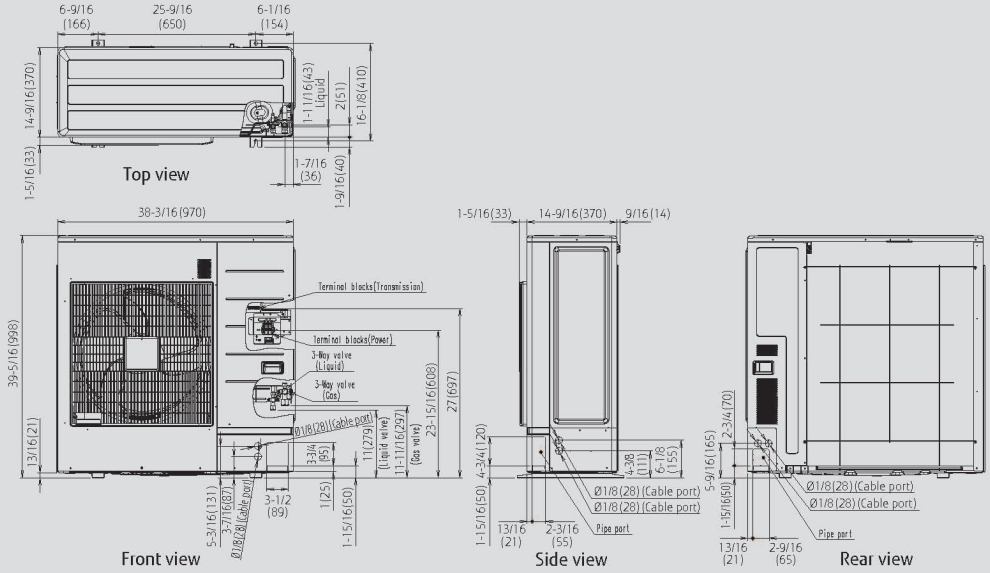
BMS system



Dimensions

Models :
AOU36RLAVS
AOU48RLAVS

(Unit : in. (mm))



Specifications

(TENTATIVE)

Nominal system capacity		Ton	3	4
Model name			AOU36RLAVS	AOU48RLAVS
Indoor unit connectable capacity ratio			50% to 130%	50% to 130%
Maximum connectable indoor unit			1-6	1-8
Power source		V/Ø/Hz	1-Phase, 208 / 230V, 60Hz	1-Phase, 208 / 230V, 60Hz
Capacity (Non-Ducted/Ducted)	Capacity	Btu/h	36,000	48,000
	EER	Btu/h/W	11.8 / 11.2	9.6 / 9.1
	SEER	Btu/h/W	19.7 / 17.4	18.8 / 16.9
Capacity (Non-Ducted/Ducted)	Capacity	Btu/h	42,000	54,000
	COP	W/W	3.74 / 3.56	3.54 / 3.36
	HSPF	W/W	11.2 / 10.3	10.9 / 10.1
Airflow rate		CFM (m3/h)	2,378 (4,040)	2,472 (4,200)
Sound pressure level	Cooling/Heating	dB(A)	52 / 54	53 / 55
Dimensions	Height	in.(mm)	39-5/16 (998)	
	Width		38-3/16 (970)	
	Depth		14-9/16 (370)	
Weight		lbs.(kg)	190 (86)	
Connection pipe diameter	Liquid	in.(mm)	3/8 (9.52)	
	Gas		5/8 (15.88)	
Max.Total pipe length		ft.(m)	262 (80)	
Max.height difference (Outdoor Unit: Upper/Lower)		ft.(m)	98/98 (30/30)	
Operation range	Cooling	°F(°C)	23 to 115 (-5 to 46)	
	Heating		-4 to 70 (-20 to 21)	
Refrigerant type			R410A	

Note : Specifications are based on the following conditions.
Cooling : Indoor temperature of 80°F (26.7°C)DB / 67°F (19.4°C)WB, and outdoor temperature of 95°F (35°C)DB / 75°F (23.9°C)WB.
Heating : Indoor temperature of 70°F (21.1°C)DB / 60°F (15.6°C)WB, and outdoor temperature of 47°F (8.3°C)DB / 43°F (6.1°C)WB.
Pipe length : 25ft. (7.5m),
Height difference : 0ft. (0m). (0utdoor unit - indoor unit)

* See warranty statement for details.

•Specifications and design are subject to change without notice for further improvement.
•Actual products' colors may be different from the colors shown in this printed material.

Part # 6-26-FG2076

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