J-Series VRF (outdoor)



One outdoor unit can connect up to 8 indoor units



Specification				AOY54UJBMR
Power Requirement			PH, Hz	Singlephase, 50Hz
			V	220 - 240
Total Capacity		Cooling	kW	15.2
		Heating		16.6
Total Input Power		Cooling	kW	4.75
		Heating		4.88
Total Current		Cooling	A	20.2
		Heating		20.7
Starting Current			A	18.5
E.E.R.		Cooling		3.20
		Heating		3.40
Air Volume		High	m^3/h	5250
Heat Exchanger				Plate Fin Coil
Fan Type x Qty				Propeller x 1
Fan Motor Output			W	150
Compressor	Motor Output		W	3000
	Type			Scroll
	Driving Method			DC Inverter
	Protection			Fan Motor Thermal Protector, HP Switch, LP Switch, Fuse
Dimensions (HxWxD)	Net		mm	900x900x370
	Gross			1021x1026x436
Weights	Net		kg	97
	Gross			112
Noise Level (Sound Pressure)			dB(A)	56
Conditions	Indoor Air Temp.	Cooling	DB/WB	27°C/19°C
		Heating		20°C/(15°C)
	Outdoor Air Temp.	Cooling	DB/WB	35°C/24°C
		Heating		7°C/6°C
Refrigerant		Type		R410A
Refrigerant Oil		Type		Synthetic Oil (POE Oil)
Pipe	Size	Liquid	inches	3/8 (9.52mm)
		Gas		3/4 (19.05mm)
	Max Length		m	70
	Max Height			30
Operation Range (Outdoor)	Cooling		°C	-5 ~ 43
	Heating			-20 ~ 21
Connectable Indoor Unit				8 Maximum
Connectable Indoor Unit Capacity				50% to 150%

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

For full installation details please contact your local distributor

FUJITSU

cassette

www.fujitsugeneral.co.uk

		Inverter Heat Pump - R410A				
	Indoor	AUY24L	AUY30L	AUY36L	AUY45L	AUY54L
	Outdoor	AOY24I	AOY30I	AOY36I	AOY45I	AOY54I
Up/Down Swing Flaps		✓	✓	✓	✓	✓
Auto Flaps		✓	✓	✓	✓	✓
Auto Shut Flaps		✓	✓	✓	✓	✓
Auto Air Flow Adjustment		✓	✓	✓	✓	✓
Auto Restart		✓	✓	✓	✓	✓
Program Timer		✓	✓	✓	✓	✓
Auto-Changeover		✓	✓	✓	✓	✓
Weekly Timer		✓	✓	✓	✓	✓
Weekly + Setback Timer		✓	✓	✓	✓	✓
Connectable Distributing Duct		✓	✓	✓	✓	✓
Connectable Fresh Air Duct		✓	✓	✓	✓	✓
Washable Panel		✓	✓	✓	✓	✓
Nominal Capacity (kW)	Cooling	7.10	8.50	10.00	12.50	13.30
	Heating	7.80	10.00	11.20	14.00	16.00
Moisture Removal	l/h	2.00	3.00	4.00	4.50	5.00
Dimensions (HxWxD) mm	Inner (Ex. Grille)*	246x830x830	296x830x830	296x830x830	296x830x830	296x830x830
	Outer	650x830x320	830x900x330	830x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner (Inc. Grille)	34	37	37	40	40
	Outer	54	64	64	105	105
Room Air Circulation (high) m^3/h	Inner	1250	1550	1550	1700	1700
	Outer	3200	3600	3800	6600	6600
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	11.10	12.50	17.60	19.50	23.80
	Heating	10.50	12.40	15.20	17.30	21.60
Starting Current	A	10	15	15	15	15
Fuse Rating	A	25	30	30	30	30
Power Consumption (kW)	Cooling	2.53	2.86	4.01	4.45	5.45
	Heating	2.40	2.84	3.49	3.95	4.95
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wired	Wired	Wired	Wired	Wired
Noise Levels (dB(A))	Indoor L/M/H	39 / 44 / 46	41 / 44 / 48	41 / 44 / 48	45 / 48 / 50	46 / 49 / 51
	Outdoor	52	53	53	54	54
Max Pipe Length	m	25	50	50	70	70
Max Height Difference	m	15	30	30	30	30
Refrigerant Charge	m	10	15	15	20	20
Pipe Size (inches)	Gas	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)
	Liquid	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
Operating Range (°C)	Cooling	0 ~ 43	-10 ~ 43	-10 ~ 43	-15 ~ 43	-15 ~ 43
	Heating	-10 ~ 24	-10 ~ 24	-10 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A	R410A

*Exclude Grille. Grille dimensions = 35x940x940mm

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 (circuit breaker) should be sized in accordance with I.E.E. regulations.

For full installation details please contact your local distributor

Distributed by:

PLANNING
ACKD
REPLIED
RECD 16 JUN 2008
INT REC'D | DATE

The company reserves the right to make any variation in specification to the equipment described or to withdraw or replace products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form any part of any contract. For full installation details please contact your local distributor.

Fujitsu General (U.K.) Co. Limited, Unit 150, Centennial Park, Hemel Hempstead, HP3 9XG Tel 020 8731 3450 Fax 020 8731 3451

August 2006

FUJITSU

cassette

www.fujitsugeneral.co.uk

		Inverter Heat Pump - R410A				
	Indoor	AUY24L	AUY30L	AUY36L	AUY45L	AUY54L
	Outdoor	AOY24L	AOY30L	AOY36L	AOY45L	AOY54L
Up/Down Swing Flaps		✓	✓	✓	✓	✓
Auto Flaps		✓	✓	✓	✓	✓
Auto Shut Flaps		✓	✓	✓	✓	✓
Auto Air Flow Adjustment		✓	✓	✓	✓	✓
Auto Restart		✓	✓	✓	✓	✓
Program Timer		✓	✓	✓	✓	✓
Auto-Changeover		✓	✓	✓	✓	✓
Weekly Timer		✓	✓	✓	✓	✓
Weekly + Setback Timer		✓	✓	✓	✓	✓
Connectable Distributing Duct		✓	✓	✓	✓	✓
Connectable Fresh Air Duct		✓	✓	✓	✓	✓
Washable Panel		✓	✓	✓	✓	✓
Nominal Capacity (kW)	Cooling	7.10	8.50	10.00	12.50	13.30
	Heating	7.80	10.00	11.20	14.00	16.00
Moisture Removal	l/h	2.00	3.00	4.00	4.50	5.00
Dimensions (HxWxD) mm	Inner (Ex. Grille)*	246x830x830	296x830x830	296x830x830	296x830x830	296x830x830
	Outer	650x830x320	830x900x330	830x900x330	1290x900x330	1290x900x330
Net Weight (kg)	Inner (Inc. Grille)	34	37	37	40	40
	Outer	54	64	64	105	105
Room Air Circulation (high) m³/h	Inner	1250	1550	1550	1700	1700
	Outer	3200	3600	3800	6600	6600
Power Supply	V-PH-Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50
Power Supply To		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Running Current (A)	Cooling	11.10	12.50	17.60	19.50	23.80
	Heating	10.50	12.40	15.20	17.30	21.60
Starting Current	A	10	15	15	15	15
Fuse Rating	A	25	30	30	30	30
Power Consumption (kW)	Cooling	2.53	2.86	4.01	4.45	5.45
	Heating	2.40	2.84	3.49	3.95	4.95
Interconnecting Cable		3 + E	3 + E	3 + E	3 + E	3 + E
Remote Control Type		Wired	Wired	Wired	Wired	Wired
Noise Levels (dB(A))	Indoor L/M/H	39 / 44 / 46	41 / 44 / 48	41 / 44 / 48	45 / 48 / 50	46 / 49 / 51
	Outdoor	52	53	53	54	54
Max Pipe Length	m	25	50	50	70	70
Max Height Difference	m	15	30	30	30	30
Refrigerant Charge	m	10	15	15	20	20
Pipe Size (inches)	Gas	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)
	Liquid	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
Operating Range (°C)	Cooling	0 ~ 43	-10 ~ 43	-10 ~ 43	-15 ~ 43	-15 ~ 43
	Heating	-10 ~ 24	-10 ~ 24	-10 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant		R410A	R410A	R410A	R410A	R410A

*Includes Grille. Grille dimensions = 35x950x950mm

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 installation are should be sized in accordance with IEE regulations.

For full installation details please contact your local distributor

Distributed by:

PLANNING
RECD
SUED
16 JUN 2008

CE

Fujitsu reserves the right to make any variations in specification to the equipment described or to withdraw or replace products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form any part of any contract. For full installation details please contact your local dealership.

Fujitsu General (U.K.) Co. Limited, Unit 1.50, Centennial Park, Elstree, Herts WD6 3SG Tel 020 8731 3450 Fax 020 8731 3451

August 2006