



Despite its small size, the Fujitsu J-Series 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-Series is also extremely efficient, as well as simple to install and superbly reliable. The J-Series gives you a new VRF option for smaller applications – another example of how Fujitsu is working hard to make your life easier.



J-Series VRF (outdoor)



One outdoor unit can connect up to 8 indoor units

Specification			AOY54UJBMR	
Power Requirement		PH, Hz	Single-phase, 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	
	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

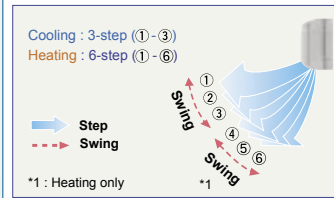
J-Series VRF (indoor)



			Compact Wall				Wall		
Model			ASY7UF	ASY9UF	ASY12UF	ASY14UF	ASY18UF	ASY24UF	ASY30UF
Power Supply	V - PH - HZ		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Cooling capacity	kW		2.15	2.80	3.50	3.80	5.40	6.90	8.00
	BTU/h		7400	9600	11900	13000	18400	23600	27300
Heating capacity	kW		2.45	3.10	4.10	4.50	5.60	7.80	8.80
	BTU/h		8400	10600	14000	15400	19100	26600	30000
Input Power	W		26	33	40	40	38	50	60
Running Current	A		0.15	0.17	0.21	0.21	0.18	0.24	0.28
Maximum Current	A		0.18	0.21	0.24	0.24	0.22	0.29	0.34
Air Circulation	High	m ³ /h	410	500	540	540	840	950	1050
	Med		370	450	510	510	700	800	940
	Low		350	410	480	480	600	670	780
Fan Motor Output	W		13	13	13	13	38	38	38
Noise Level (Sound Pressure)	High	dB(A)	30	36	39	39	42	45	48
	Med		27	33	37	37	39	41	45
	Low		26	30	34	34	35	37	41
Fan Type x Q'ty			Cross Flow x 1	Cross Flow x 1	Cross Flow x 1	Cross Flow x 1	Cross Flow x 1	Cross Flow x 1	Cross Flow x 1
Heat Exchanger			Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil
Dimensions (HxWxD)	Net	mm	257 x 808 x 187	257 x 808 x 187	257 x 808 x 187	257 x 808 x 187	320 x 1120 x 220	320 x 1120 x 220	320 x 1120 x 220
	Gross		270 x 850 x 310	270 x 850 x 310	270 x 850 x 310	270 x 850 x 310	348 x 1240 x 427	348 x 1240 x 427	348 x 1240 x 427
Weights	Net	kg	8	8	8	8	16	16	16
	Gross		10	10	10	10	22	22	22
Pipe size	Liquid	inches	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	3/8 (9.52mm)
	Gas		3/8 (9.52mm)	3/8 (9.52mm)	1/2 (12.70mm)	1/2 (12.70mm)	5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare	Flare	Flare

Auto swing louvre

The Auto Swing Louvre function ensures that the air direction corresponds to the mode selected.

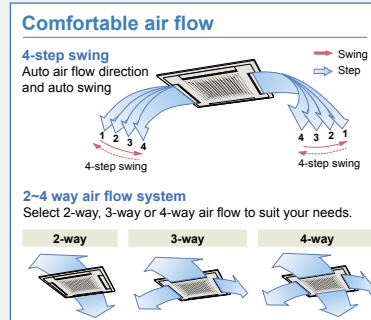




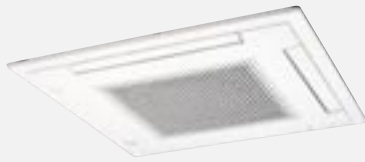
			Compact Cassette				
Model			AUY7UF	AUY9UF	AUY12UF	AUY14UF	AUY18UF
Power Supply		V - PH - HZ	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Cooling capacity		kW	2.15	2.80	3.60	4.00	5.00
		BTU/h	7400	9600	12300	13700	17100
Heating capacity		kW	2.45	3.10	4.10	4.50	5.45
		BTU/h	8400	10600	14000	15400	18600
Input Power		W	28	28	52	52	50
Running Current		A	0.13	0.13	0.23	0.23	0.22
Maximum Current		A	0.15	0.15	0.27	0.27	0.26
Air Circulation	High	m ³ /h	530	530	580	580	640
	Med		480	480	520	520	540
	Low		410	410	460	460	470
Fan Motor Output		W	9	9	10	10	15
Noise Level (Sound Pressure)	High	dB(A)	38	38	41	41	44
	Med		35	35	37	37	38
	Low		31	31	34	34	35
Fan Type x Q'ty			Turbo x 1	Turbo x 1	Turbo x 1	Turbo x 1	Turbo x 1
Heat Exchanger			Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil
Dimensions (HxWxD)	Net	mm	230 x 570 x 570	230 x 570 x 570	230 x 570 x 570	230 x 570 x 570	230 x 570 x 570
	Gross		280 x 710 x 750	280 x 710 x 750	280 x 710 x 750	280 x 710 x 750	280 x 710 x 750
Weights	Net	kg	18	18	18	18	18
	Gross		23	23	23	23	23
Pipe size	Liquid	inches	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)
	Gas		3/8 (9.52mm)	3/8 (9.52mm)	1/2 (12.70mm)	1/2 (12.70mm)	5/8 (15.88mm)
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare

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



J-Series VRF (indoor)



			Cassette					
Model			AUY20UF	AUY25UF	AUY30UF	AUY36UF	AUY45UF	AUY54UF
Power Supply	V - PH - HZ		230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Cooling capacity	kW		5.70	7.05	8.80	10.50	12.70	14.10
	BTU/h		19500	24100	30000	35800	43400	48100
Heating capacity	kW		5.80	7.85	9.10	10.70	13.70	15.80
	BTU/h		19800	26800	31100	36500	46800	53900
Input Power	W		117	129	142	175	190	219
Running Current	A		0.76	0.80	0.84	0.92	0.94	0.95
Maximum Current	A		0.91	0.96	1.00	1.10	1.12	1.14
Air Circulation	High	m ³ /h	1030	1170	1270	1500	1650	1780
	Med		850	970	1070	1300	1450	1550
	Low		680	770	880	1100	1200	1300
Fan Motor Output	W		42	42	42	90	90	90
Noise Level (Sound Pressure)	High	dB(A)	42	42	45	48	49	52
	Med		38	40	42	44	47	49
	Low		37	39	39	41	43	45
Fan Type x Q'ty			Turbo x 1	Turbo x 1	Turbo x 1	Turbo x 1	Turbo x 1	Turbo x 1
Heat Exchanger			Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil
Dimensions (HxWxD)	Net	mm	246 x 830 x 830	246 x 830 x 830	246 x 830 x 830	296 x 830 x 830	296 x 830 x 830	296 x 830 x 830
	Gross		385 x 1045 x 1015	385 x 1045 x 1015	385 x 1045 x 1015	435 x 1045 x 1015	435 x 1045 x 1015	435 x 1045 x 1015
Weights	Net	kg	34	34	34	40	40	40
	Gross		45	45	45	53	53	53
Pipe size	Liquid	inches	1/4 (6.35mm)	1/4 (6.35mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
	Gas		5/8 (15.88mm)	5/8 (15.88mm)	5/8 (15.88mm)	3/4 (19.05mm)	3/4 (19.05mm)	3/4 (19.05mm)
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare	Flare

Standard accessories

Supplied with each indoor unit



Receiver unit is supplied with all duct type units





			Compact Duct					
Model			ARY7UF	ARY9UF	ARY12UF	ARY14UF	ARY18UF	ARY22UF
Power Supply		V - PH - HZ	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Cooling capacity		kW	2.15	2.80	3.50	4.00	5.30	6.00
		BTU/h	7300	9600	11900	13700	18100	21100
Heating capacity		kW	2.45	3.10	4.10	4.80	5.60	6.30
		BTU/h	8400	10600	14000	16400	19100	21500
Input Power		W	32	32	49	49	77	77
Running Current		A	0.20	0.20	0.24	0.24	0.36	0.36
Maximum Current		A	0.24	0.24	0.29	0.29	0.40	0.40
Air Circulation		High	420	420	620	620	890	890
		Med	390	390	550	550	840	840
		Low	360	360	470	470	780	780
Fan Motor Output		W	10	10	14	14	36	36
Noise Level (Sound Pressure)		High	34	34	33	33	42	42
		Med	32	32	29	29	41	41
		Low	31	31	27	27	38	38
Fan Type x Qty			Sirocco x 1	Sirocco x 1	Sirocco x 2	Sirocco x 2	Sirocco x 2	Sirocco x 2
Heat Exchanger			Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil
Dimensions (HxWxD)		Net	217 x 663 x 595	217 x 663 x 595	217 x 953 x 595	217 x 953 x 595	217 x 953 x 595	217 x 953 x 595
		Gross	324 x 785 x 686	324 x 785 x 686	324 x 1075 x 686	324 x 1075 x 686	324 x 1075 x 686	324 x 1075 x 686
Weights		Net	18	18	25	25	25	25
		Gross	22	22	29	29	29	29
Pipe size		Liquid	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)	1/4 (6.35mm)
		Gas	3/8 (9.52mm)	3/8 (9.52mm)	1/2 (12.70mm)	1/2 (12.70mm)	5/8 (15.88mm)	5/8 (15.88mm)
Pipe Connection Method			Flare	Flare	Flare	Flare	Flare	Flare

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

Air volume of ARY7UF to ARY22UF models is given when external static pressure is 0Pa

Air volume of ARY25UF to ARY45UF models is given when external static pressure is 100Pa

For full installation details please contact your local distributor

J-Series VRF (indoor)



			Duct			
Model			ARY25UF	ARY30UF	ARY36UF	ARY45UF
Power Supply		V - PH - HZ	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
Cooling capacity		kW	7.05	8.80	10.50	12.70
		BTU/h	24100	30000	36000	43500
Heating capacity		kW	7.85	9.10	10.70	13.70
		BTU/h	26800	31000	36500	47000
Input Power		W	155	155	315	315
Running Current		A	0.68	0.68	1.44	1.44
Maximum Current		A	0.84	0.84	1.84	1.84
Air Circulation		High	1200	1200	2200	2200
		Med	1100	1100	2000	2000
		Low	1000	1000	1800	1800
Fan Motor Output		W	77	77	275	275
Noise Level (Sound Pressure)		High	44	44	49	49
		Med	42	42	47	47
		Low	40	40	45	45
Fan Type x Qty			Sirocco x 2	Sirocco x 2	Sirocco x 2	Sirocco x 2
Heat Exchanger			Plate Fin Coil	Plate Fin Coil	Plate Fin Coil	Plate Fin Coil
Dimensions (HxWxD)		Net	270 x 1210 x 700	270 x 1210 x 700	270 x 1210 x 700	270 x 1210 x 700
		Gross	330 x 1300 x 790	330 x 1300 x 790	330 x 1300 x 790	330 x 1300 x 790
Weights		Net	43	43	45	45
		Gross	53	53	55	55
Pipe size		Liquid	1/4 (6.35mm)	3/8 (9.52mm)	3/8 (9.52mm)	3/8 (9.52mm)
		Gas	5/8 (15.88mm)	5/8 (15.88mm)	3/4 (19.05mm)	3/4 (19.05mm)
Pipe Connection Method			Flare	Flare	Flare	Flare

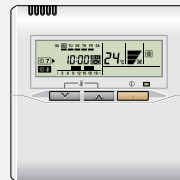
Optional controllers



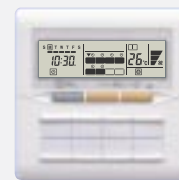
Simple remote controller w/o mode control



Simple remote controller



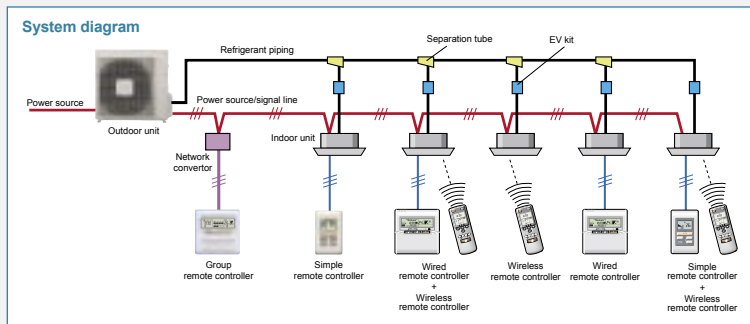
Wired remote controller



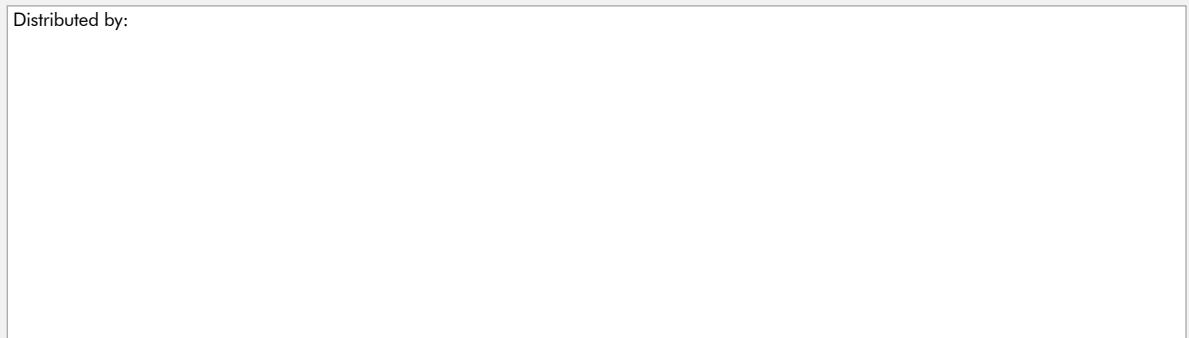
Group remote controller

J-SERIES VRF ACCESSORIES	
Description	Part Number
Wired Remote Controller	UTB-YUB
Simple Wired Remote Controller (with Mode Control)	UTB-YPB
Simple Wired Remote Controller (without Mode Control)	UTB-YRA
Group Remote Controller (Requires Network Converter)	UTB-YDB
Network Converter (Required for Group Remote Controller)	UTR-YGCA
External Switch Controller	UTR-YESA
Separation Tube	UTR-BP54U
EV Kit (2)	UTR-EV2A
EV Kit (3)	UTR-EV3
Header	UTR-HD546U
Remote Sensor	UTD-RS100
Filter for ARY25 to ARY45	UTD-LF270
Round Outlet Flange for ARY25 to ARY45	UTD-RF204

All indoor units are delivered complete with a wireless remote controller.
 All ducted units are delivered complete with a remote receiver use for use with wireless remote controller.
 Note each indoor unit requires an EV Kit: UTR-EV2A required if indoor model code number is less than 30
 UTR-EV3 required if indoor model code number is equal to or greater than 30



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