

MULTISPLIT MINI VRF (ARV) PRESTAZIONI IN RAFFRESCAMENTO / RISCALDAMENTO



MODELLO			ARV-H080/NR1	ARV-H100/NR1	ARV-H120/NR1	ARV-H140/NR1	ARV-H160/NR1	ARV-H120/SR1DCS7	ARV-H140/SR1DCS7	ARV-H160/SR1DCS7	ARV-H220/SR1DCS7	ARV-H260/SR1DCS7	
Power Supply			220~240, 50/60, 1	220~240, 50/60, 1	220~240, 50/60, 1	220~240, 50/60, 1	220~240, 50/60, 1	380~415, 3N~50/60	380~415, 3N~50/60	380~415, 3N~50/60	380~415, 3N~50/60	380~415, 3N~50/60	
RAFFRESCAMENTO	Capacity	kW	8,0	10,0	12,3	14,0	16,0	12,3	14,0	16,0	22,4	26,0	
	Input	kW	2,30	3,00	3,25	3,95	4,80	3,25	4,11	4,66	6,80	7,60	
	EER	W/W	3,48	3,33	3,78	3,54	3,33	3,78	3,41	3,43	3,29	3,42	
	SEER	W/W	6,20	6,10	6,10	6,10	6,10	6,10	6,10	6,10	6,10	5,90	5,50
	Rated current	A	10,10	13,20	14,30	17,30	21,10	5,09	6,44	7,30	11,10	12,40	
RISCALDAMENTO	Capacity	kW	9	11,5	13,2	16,0	18,0	14,0	16,0	18,0	24,5	28,5	
	COP	W/W	3,75	3,59	3,87	3,95	3,75	4,11	3,90	3,56	4,15	4,19	
	SCOP	W/W	4,20	4,10	4,10	4,00	4,00	4,10	4,00	4,00	3,80	3,75	
	Input	kW	2,40	3,20	3,41	4,05	4,80	3,41	4,10	5,05	5,90	6,80	
	Rated current	A	10,50	14,00	15,00	17,80	21,10	5,34	6,42	7,91	9,60	11,10	
Max. Input Consumption		KW	3,90	4,40	5,10	5,20	7,05	5,20	7,05	7,05	11,0	12,0	
Max. Current		A	18,00	20,00	24,00	24,00	32,00	9,80	11,30	11,30	18,0	21,0	
DC Inv. Compressor	Model	/	ATF250D22UMT	ATF250D22UMT	QXAS-D32zX090B	QXAS-D32zX090B	QXAS-F428zX450L	KTF310D43UMT	KTF400D66UMVA	KTF400D66UMVA	LNB65FAEMC	LNB65FAEMC	
	Type	/	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Brand	/	GMCC	GMCC	GREE	GREE	GREE	GMCC	GMCC	GMCC	Mitsubishi	Mitsubishi	
	Capacity	W	7645	7645	10060	10060	13500	10010	12345	12345	20100	20100	
	Input	W	2080	2080	3360	3360	4580	2765	3380	3380	6270	6270	
	Refrigerant Oil	ml	670 (VG74)	670 (VG74)	950 (FV50S)	950 (FV50S)	1350 (FV50S)	1000 (VG74)	1000 (VG74)	1000 (VG74)	2300 (FV50S)	2300 (FV50S)	
	Quantity	/	1	1	1	1	1	1	1	1	1	1	
	Power Supply	Ph-V-Hz	220, 50, 1	220, 50, 1	220, 50, 1	220, 50, 1	220, 50, 1	3, 380, 50/60	3, 380, 50/60	3, 380, 50/60	3, 380, 50/60	3, 380, 50/60	
	Operating Frequency	Hz	12~120	12~120	15~120	15~120	15~120	12~120	12~120	12~120	10~120	10~120	
	Add oil	/	/	/	/	/	/	VG74 600ml	VG74 600ml	VG74 600ml	FV50S(SY) 1000ml	FV50S(SY) 1000ml	
Outdoor Fan Motor	Model	/	D-310-120-8	D-310-120-8	D-310-69-8	D-310-69-8	D-310-69-8	CW100A-ZL	CW100A-ZL	CW100A-ZL	CW170A-ZL	CW170A-ZL	
	Type	/	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	DC Inv	
	Quantities	/	1	1	2	2	2	2	2	2	2	2	
	Insulation Class	/	E	E	E	E	E	E	E	E	E	E	
	Safe Class	/	IP24	IP24	IP24	IP24	IP24	IP23	IP23	IP23	IP24	IP24	
	Input Power	W	150	150	96	96	96	170	170	170	170	170	
	Output Power	W	120	120	69	69	69	100	100	100	100	100	
	Rated Current	A	0,9	0,9	0,28	0,28	0,28	1,73	1,73	1,73	1,73	1,73	
	Brand	/	WOLONG ELECTRIC GROUP CO.,LTD.	WOLONG ELECTRIC GROUP CO.,LTD.	WELLING ELECTRONIC	WELLING ELECTRONIC	WELLING ELECTRONIC	Panasonic	Panasonic	Panasonic	WOLONG ELECTRIC GROUP CO.,LTD.	WOLONG ELECTRIC GROUP CO.,LTD.	
	Capacitor	uF	/	/	/	/	/	/	/	/	/	/	
Speed	r/min	900	900	820	820	820	760	760	760	870	870		
Outdoor Fan	Material	/	wolong	wolong	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	
	Type	/	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	
	Fan Quantity	/	1	1	2	2	2	2	2	2	2	2	
Outdoor Coil	a. Number Of Row	/	2	2	2	2	2	2	2	2	2,5	2,5	
	b. Tube Pitch(a) x Row Pitch(b)	mm	22x19.05	22x19.05	22x19.05	22x19.05	22x19.05	22x19.05	22x19.05	22x19.05	22.2x19.05	22.2x19.05	
	c. Fin Pitch	mm	1,5	1,5	1,6	1,6	1,6	1,6	1,6	1,6	1,4	1,4	
	d. Fin Material	/	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	Hydrophilic aluminum fin	
	e. Tube Outside Dia. And Material	mm	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	φ7, Inner grooved	
	f. Coil Length x Height x Width	mm	983x748x38.1	983x748x38.1	918.5x1276x38.1	918.5x1276x38.1	918.5x1276x38.1	918.5x1276x38.1	918.5x1276x38.1	918.5x1276x38.1	1068x1496x38.1	1068x1496x38.1	
	g. Heat Exchanging Area	m ²	32,30	32,30	51,45	51,45	51,45	51,45	51,45	51,45	109,68	109,68	
Air Flow Volume	CFM		3230	3230	4235	4235	4235	4235	4235	4235	6474	6474	
	m ³ /h		4154	4154	7200	7200	7200	7200	7200	7200	11000	11000	
Noise Level	dB(A)		56	56	57	57	57	56	57	57	62	62	
Dimension(WxDxH)	Net	mm	970x800x370	970x800x370	940x340x1320	940x340x1320	940x340x1320	940x340x1320	940x340x1320	940x340x1320	1120x400x1540	1120x400x1540	
	Packing	mm	1105x495x890	1105x495x890	1080x430x1440	1080x430x1440	1080x430x1440	1080x430x1440	1080x430x1440	1080x430x1440	1270x560x1710	1270x560x1710	
Weight	Net	kg	66	66	92	92	92	101	103	103	160	160	
	Gross	kg	71	71	102	102	106	111	113	113	175	175	
Refrigerant type/Quantity	Type	/	R410a	R410a	R410a	R410a	R410a	R410A	R410a	R410a	R410A	R410A	
	REFRIGERANTE PRE-CARICATO	kg	2,65	2,65	3,60	3,60	3,60	3,60	4,10	4,10	6,50	6,50	
Design Pressure	MPa		4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2	
COLLEGAMENTI FRIGORIFERI	Liquid Side	mm	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	
	Gas Side	mm	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	19.05 (3/4)	19.05 (3/4)	19.05 (3/4)	19.05 (3/4)	22.22 (7/8)	22.22 (7/8)	
	Max. LUNGHEZZA	m	100	100	150	150	150	150	150	150	250	250	
	Max. DISLIVELLO	m	50	50	50	50	50	50	50	50	50	50	
Ambient Temperature Range (Cooling/Heating)	°C		-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	-15~49/-15~27	
CABLAGGI ELETTRICI	LINEA POTENZA (UNITA' ESTERNA)	mm ²	3x4	3x4	3x6	3x6	3x6	5x1.5	5x1.5	5x1.5	5x6	5x6	
	A. B CAVO SEGNALE (ALLE INTERNE)	mm ²	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	2x0.2	