



ARV Mini Series

Specification-ARV Mini Series 50Hz

Model	Outdoor		ARV-H220/5R1A	ARV-H280/5R1A
Capacity	Cooling	kW	22.40	26.00
	Heating	kW	24.50	28.50
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3
	Cooling Power Input	kW	7.20	8.40
	Heating Power Input	kW	6.70	7.90
	Cooling Current	A	11.60	13.50
	Heating Current	A	11.00	13.00
	EER		3.11	3.10
	COP		3.67	3.61
Performance	Air Flow Volume	m ³ /h	15300	15300
	Noise Level	dB(A)	60	60
Piping Limite	Level difference between IDU and ODU	m	50	50
	Level difference between IDU and IDU	m	15	15
	Between the first brance and the Farthest IDU	m	40	40
	Total Pipe length	m	250	250
Max. No. of Indoor Units		unit	13	15
Connection Ratio		%	50~130	50~130
Dimension (WxDxH)	Net	mm	1120×400×1540	1120×400×1540
	Packing	mm	1270×560×1710	1270×560×1710
Weight	Net	kg	150	150
	Gross	kg	170	170
Refrigerant Type			R410a	R410a
Pipe Diameter	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	22.22(7/8)	22.22(7/8)
Operation Range	Cooling	°C	-5~49	-5~49
	Heating	°C	-15~24	-15~24
Stuffing Quantity	20/40/40H	unit	17/37/37	17/37/37

ARV MINI 50/60Hz Single-Phase

Model	Outdoor		ARV-H80/NR1A	ARV-H100/NR1A	ARV-H120/NR1A	ARV-H140/NR1A	ARV-H160/NR1A
Capacity	Cooling	kW	8.0	10.0	12.1	14.0	15.5
	Heating	kW	9.00	12.00	14.00	16.00	18.00
Electric Data	Power Supply	V~,Hz,Ph	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
	Cooling Power Input	kW	2.00	2.55	3.20	3.75	4.80
	Heating Power Input	kW	1.95	2.97	3.45	3.85	4.60
	Cooling Current	A	9.10	11.60	14.50	17.00	21.80
	Heating Current	A	8.90	13.50	15.70	17.50	20.90
	EER		4.00	3.92	3.78	3.73	3.23
	COP		4.62	4.04	4.06	4.16	3.91
	SEER		6.00	6.05	6.82	6.85	6.80
	SCOP		3.80	3.80	3.75	4.84	4.30
Performance	Air Flow Volume	m ³ /h	4100	4100	4890	5100	5100
	Noise Level	dB(A)	54	54	56	56	56
Piping Limite	Level difference between IDU and ODU	m	50	50	50	50	50
	Level difference between IDU and IDU	m	10	10	15	15	15
	Between the first brance and the Farthest IDU	m	20	20	40	40	40
	Total Pipe length	m	100	100	150	150	150
Max. No. of Indoor Units		unit	4	5	7	8	9
Connection Ratio		%	50~130	50~130	50~130	50~130	50~130
Dimension (WxDxH)	Net	mm	970×370×800	970×370×800	970×370×800	990×420×860	990×420×860
	Packing	mm	1105×495×890	1105×495×890	1105×495×890	1100×545×980	1100×545×980
Weight	Net	kg	60	60	70	80	80
	Gross	kg	64.5	64.5	75	91	91
Refrigerant Type			R410a	R410a	R410a	R410a	R410a
Pipe Diameter	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
Operation Range	Cooling	°C	-15~49	-15~49	-15~49	-15~49	-15~49
	Heating	°C	-15~27	-15~27	-15~27	-15~27	-15~27
Stuffing Quantity	20/40/40H	unit	44/92/138	44/92/138	44/92/138	40/84/84	40/84/84