



ARV Mini Series

ARV MINI 50/60Hz Single-Phase

Model			ARV-H80/ NR1A	ARV-H100/ NR1A	ARV-H120/ NR1A	ARV-H140/ NR1A	ARV-H160/ NR1A	ARVT-H180/ NR1A-I	ARVT-H200/ NR1A-I
Capacity	Cooling	kW	8.0	10.0	12.1	14.0	15.5	18.0	20.0
	Heating	kW	9.00	12.00	14.00	16.00	18.00	20.00	22.40
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	220~240,50/60,1	220~240,50/60,1
	Cooling Power Input	kW	2.00	2.55	3.20	3.75	4.80	5.20	5.90
	Heating Power Input	kW	1.95	2.97	3.45	3.85	4.60	5.20	6.20
	Cooling Current	A	9.10	11.60	14.50	17.00	21.80	24.10	27.36
	Heating Current	A	8.90	13.50	15.70	17.50	20.90	24.10	28.76
	EER		4.00	3.92	3.78	3.73	3.23	3.46	3.39
Performance	COP		4.62	4.04	4.06	4.16	3.91	3.85	3.61
	Air Flow Volume	m ³ /h	4100	4100	4890	5100	5100	6700	6700
	Noise Level	dB(A)	54	54	56	56	56	57	57
Piping Limite	Level difference between IDU and ODU	m	20	20	20	30	30	50	50
	Level difference between IDU and IDU	m	8	8	8	8	8	15	15
	Between the first brance and the Farthest IDU	m	20	20	20	20	20	40	40
	Total Pipe length	m	40	40	40	100	100	150	150
Connection Ratio	%	50~130	50~130	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	940×340×1320	940×340×1320
	Packing	mm	1105×495×890	1105×495×890	1105×495×890	1100×545×980	1100×545×980	1080×430×1440	1080×430×1440
Weight	Net	kg	60	60	70	80	80	90	90
	Gross	kg	64.5	64.5	75	91	91	100	100
Refrigerant Type			R410a	R410a	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)	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)	19.05(6/8)	19.05(6/8)
Operation Range	Cooling	°C	-15~49	-15~49	-15~49	-15~49	-15~49	-15~55	-15~55
	Heating	°C	-15~27	-15~27	-15~27	-15~27	-15~27	-20~24	-20~24
Stuffing Quantity	20/40/40H	unit	44/92/138	44/92/138	44/92/138	40/84/84	40/84/84	27/55/54	27/55/54

MODULAR ARV MINI 50/60Hz Three-Phase

Model			ARV-H252/SR1DCMA-I	ARV-H280/SR1DCMA-I	ARV-H335/SR1DCMA-I
Power Supply		V~,Hz,Ph	380~415,50/60,3	380~415,50/60,3	380~415,50/60,3
Cooling	Capacity	kW	25.2	28.5	33.5
	Input	kW	5.75	7.50	7.95
	Rated current	A	9.37	12.60	13.40
Heating	Capacity	kW	27.00	31.5	37.50
	Input	kW	5.65	6.70	7.85
	Rated current	A	9.50	11.40	13.30
performance	EER	w/w	4.38	3.80	4.21
	COP	w/w	4.78	4.70	4.78
Air Flow Volume		CFM	6474	6474	9000
		m ³ /h	11000	11000	15300
Noise Level		dB(A)	43-57	43-57	43-58
Dimension (WxDxH)	Net	mm	1120×400×1540	1120×400×1540	1120×400×1540
	Packing	mm	1270×560×1710	1270×560×1710	1270×560×1710
Weight	Net	kg	145	145	152
	Gross	kg	155	155	162
Refrigerant type	Type	/	R410A	R410A	R410A
	Quantity	kg	7	7	8.5
Refrigerant Piping	Liquid Side	mm	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Gas Side	mm	22.22(7/8)	22.22(7/8)	22.22(7/8)
	Max. Length	m	560	560	560
	Max. Heigh	m	50	50	50
Ambient Temperature Range(Cooling/Heating)	°C		-15~55/-20~24	-15~55/-20~24	-15~55/-20~24
Stuffing Quantity	20/40/40H	Unit	17/37/37	17/37/37	17/37/37

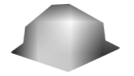
Indoor Units



Compact Cassette



Cassette



Wall-mounted



Slim Duct



Mid ESP Duct



High ESP Duct



Fresh Air Processing Unit



Ceiling&Floor

