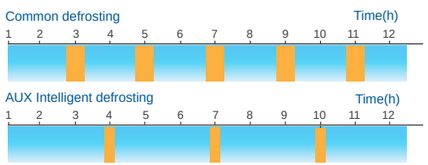
▶ Intelligent Defrosting

intelligent defrosting technique extend the heating operation and decrease the frequency of defrosting. Result in stable room temperature, offer comfort life.



▶ Refrigerant PCB Cooling System

The PCB is well cooled by the refrigerant, ensuring the system operate steadily .

▶ NEW type Intergraded PCB design(2→1)

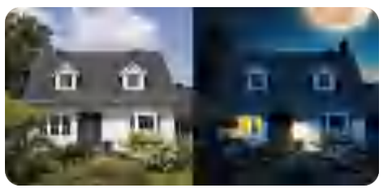
The main control, drive and filter boards are all centralized in one control board, making maintenance more convenient.

▶ Automatic address setting

Indoor units IP address can be auto setting during commissioning.

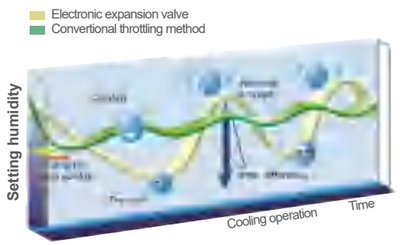
▶ Silent mode

About 3 dB reduce than normal mode , Little influence with your neighbors.



▶ Accurate Temperature Control

According to change trend of indoor ambient temperature, the unit can use PI algorithm to calculate capacity demand percentage of indoor unit, control operating frequency of compressor in real time and achieve accurate control room temperature.



▶ Fast Warm Up And Cool Down

The DC Inverter Compressor system reaches full load rapidly providing less temperature fluctuation and an improved living environment, bringing great user experience.

ARV Mini Series

ARV MIN 50/60Hz Three-Phase

Model			ARV-H120/SR1DCS7	ARV-H140/SR1DCS7	ARV-H160/SR1DCS7	ARV-H220/SR1DCS7	ARV-H260/SR1DCS7
Capacity	Cooling	kW	12.30	14.00	16.00	22.40	26.00
	Heating	kW	14.00	16.00	18.00	24.50	28.50
Electric Data	Power Supply	V~,Hz,Ph	380~415,50/60,3	380~415,50/60,3	380~415,50/60,3	380~415,50/60,3	380~415,50/60,3
	Cooling Power Input	kW	3.25	4.11	4.66	6.80	7.60
	Heating Power Input	kW	3.41	4.10	5.05	5.90	6.80
	Cooling Current	A	5.09	6.44	7.30	11.10	12.40
	Heating Current	A	5.34	6.42	7.91	9.60	11.10
	EER		3.78	3.41	3.43	3.29	3.42
	COP		4.11	3.90	3.56	4.15	4.19
Performance	Air Flow Volume	m^3/h	7200	7200	7200	11000	11000
	Noise Level	dB(A)	56	57	57	62	62
Piping Limite	Level difference between IDU and ODU	m	50	50	50	50	50
	Level difference between IDU and IDU	m	15	15	15	15	15
	Between the first brance and the Farthest IDU	m	40	40	40	40	40
	Total Pipe length	m	150	150	150	250	250
Connection Ratio		%	50~130	50~130	50~130	50~130	50~130
Dimension (WxDxH)	Net	mm	940×340×1320	940×340×1320	940×340×1320	1120×400×1540	1120×400×1540
	Packing	mm	1080×430×1440	1080×430×1440	1080×430×1440	1270×560×1710	1270×560×1710
Weight	Net	kg	101	103	103	160	160
	Gross	kg	111	113	113	175	175
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)	19.05(3/4)	19.05(3/4)	19.05(3/4)	22.2(7/8)	22.2(7/8)
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	27/55/55	27/55/55	27/55/55	17/37/37	17/37/37

Specification-ARV Mini Series 50Hz

Model			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
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

Notes:
1.Cooling Capacity: Indoor temperature 27°C DB/ 19°C WB; Outdoor temperature:35°C DB/ 24°C WB.
2.Cooling Capacity (Tropical): Indoor temperature 27°C DB/19°C WB;Outdoor temperature:46.1°C DB.
3.Heating Capacity: Indoor temperature 20°C DB; Outdoor temperature: 7°C DB/ 6°C WB.
4.Piping Length: Equivalent piping length: 7.5m, level difference: 0m.
5.Anechoic chamber conversion value, measured in test room. During actual operation. These values are normally somewhat higher as a result of ambient c onditions.
6.The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.