

Specifications

Maldives

- 3-Care Filter



Model Name				AR07NXFPEWQNEU	AR09NXFPEWQNEU	AR12NXFPEWQNEU	AR18NSFPEWQNEU	AR24NSFPEWQNEU
Power Supply	Φ, #, V, Hz			1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2	2,75	3,5	5,0	6,8
		Heating		2,2	3,2	3,5	6,0	7,8
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type	-		Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity	EA		1	1	1	1	1
	Airflow Rate	m³/min		8	9	10	14.2 / 12.3 / 11.2	17.8 / 14.3 / 10.6
		l/s		133,3	150	166,7	237 / 205 / 187	297 / 238 / 177
Fan Motor	Type	-		BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n	W		27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe	Type		Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
		Φ, mm (inch)		9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe	Φ,mm		ID 18mm Hose	ID 18mm Hose	ID 18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica- tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type	-		R32	R32	R32	R410A	R410A
	Electronic Expansion Valve	-		EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	38 / 28 / 21	38 / 28 / 21	42 / 33 / 23	42 / 34 / 25	45 / 35 / 29
	Sound Power	Cooling		56	56	59	58	63
Dimensions	Net Weight	kg		8,0	8,0	8,0	11,6	11,6
	Net Dimensions (WxHxD)	mm		820 x 285 x 215	820 x 285 x 215	820 x 285 x 215	1,065 x 298 x 230	1,065 x 298 x 230

Accessory
Included

Wireless Remote Controller

Specifications

Outdoor Units (R410A)



Model Name				AJ040MCJ2EH/EU	AJ050MCJ2EH/EU	AJ052MCJ3EH/EU
Power Supply	Φ, #, V, Hz			1,2,220~240,50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	4	5	5,2
		Heating		4,4	5,7	6,3
Power	Maximum number of connectable Indoor Units		EA	2	2	3
	Power Input	Cooling	kW	1,02	1,32	1,35
		Heating		0,99	1,35	1,4
	Current Input	Cooling	A	4,7	6	6,2
		Heating		4,5	6,2	6,4
	Current	MCA	A	9,8	11,8	12,2
		MFA	A	11,25	13,75	13,75
COP	Cooling		W/W	3,92	3,79	3,85
	Heating		W/W	4,44	4,22	4,5
	SEER (Grade)		W/W	6,8	6,4	6,4
	SCOP (Grade)		W/W	4,3	4,01	4
Compressor	Type		-	Single BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
	Output		kW x n	2.696 x 1	4.572 x 1	4.572 x 1
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	320	500	500
Fan	Type		-	Propeller Fan	Propeller Fan	Propeller Fan
	Discharge direction		-	Horizontal	Horizontal	Horizontal
	Quantity		EA	1	1	1
	Airflow Rate		CMM	29,7	33,1	38
Fan Motor			l/s	494	551	633
	Model		-	BLDC	BLDC	BLDC
Piping Connections	Output x n		W	40 x 1	40 x 1	40 x 1
	Liquid Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm x EA		6.35 x 2	6.35 x 2	6.35 x 3
		Φ, inch x EA		1/4" x 2	1/4" x 2	1/4" x 3
	Gas Pipe	Type		Flare connection	Flare connection	Flare connection
		Φ, mm x EA		9.52 x 2	9.52 x 1 + 12.7 x 1	9.52 x 2 + 12.7 x 1
		Φ, inch x EA		3/8" x 2	3/8" x 1 + 1/2" x 1	3/8" x 2 + 1/2" x 1
	Installation Limitations	Max. Length	Total	30	30	50
			OD-ID	20	20	20
		Max. Height	OD-ID	15	15	15
			ID-ID	7,5	7,5	7,5
Wiring Connections	Communication	Minimum	mm2	0,75	0,75	0,75
		Remark	-	F1,F2	F1,F2	F1,F2
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	1,2	1,6	1,9
			tCO2e	2,51	3,34	3,97
Sound	Sound Pressure	Cooling		45	46	46
		Heating		47	47	47
	Sound Power		dB(A)	61	61	61
External Dimension	Net Weight		kg	31	36,4	44
	Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Operating Temp. Range	Cooling		°C	-5 ~ 46	-5 ~ 46	-5 ~ 46
	Heating		°C	-15 ~ 24	-15 ~ 24	-15 ~ 24



AJ068MCJ3EH/EU	AJ070MCJ4EH/EU	AJ080MCJ4EH/EU	AJ100MCJ5EH/EU
1,2,220~240,50	1,2,220~240,50	1,2,220~240,50	1,2,220~240,50
6,8	7	8	10
8	8,6	9,3	12
3	4	4	5
2	1,9	2,3	2,9
1,91	2	2,2	2,93
9,2	8,7	10,5	13,3
8,7	9,2	10,1	13,4
15,5	18,7	18,7	26,2
17,5	20,75	20,75	28,8
3,4	3,68	3,68	3,45
4,19	4,3	4,3	4,1
6,1	5,6	5,3	6,1
4	3,8	3,8	4
Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
5.919 x1	7.766 x1	7.766 x1	9.171 x1
POE	POE	POE	PVE
650	650	700	1200
Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
Horizontal	Horizontal	Horizontal	Horizontal
1	1	1	1
47,5	44,8	45,4	70,6
792	747	757	1176
BLDC	BLDC	BLDC	BLDC
124 x1	124 x1	124 x1	125 x1
Flare connection	Flare connection	Flare connection	Flare connection
6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5
1/4" x 3	1/4" x 4	1/4" x 4	1/4" x 5
Flare connection	Flare connection	Flare connection	Flare connection
9.52 x 1 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 3
3/8" x 1 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3
50	70	70	80
20	25	25	25
15	15	15	15
7,5	7,5	7,5	7,5
0,75	0,75	0,75	0,75
F1,F2	F1,F2	F1,F2	F1,F2
R410A	R410A	R410A	R410A
2,2	2,8	2,8	3,3
4,59	5,85	5,85	6,89
48	48	49	54
49	49	50	56
64	64	64	70
55,6	62	62	77
880 x 793 x 310	880 x 793 x 310	880 x 793 x 310	940 x 998 x 330
-5 ~ 46	-5 ~ 46	-5 ~ 46	-10 ~ 46
-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24