

Outdoor Units with Frontal Discharge

MRV S II



4-6HP

AU042FPERA
AU052FPERA
AU062FPERA
AU041FPERA
AU051FPERA
AU061FPERA

Model			AU042FPERA	AU052FPERA	AU062FPERA	AU041FPERA	AU051FPERA	AU061FPERA
Capacity ^[1]	Power Class	HP	4	5	6	4	5	6
	Cooling	kW	12,10	14,00	15,50	12,10	14,00	15,50
	Heating	kW	12,10	14,00	15,50	12,10	14,00	15,50
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60	3/380-415/50/60
	Absorbed power - Cooling	kW	3,61	4,33	5,17	3,61	4,33	5,17
	Max absorbed current - Cooling	A	34,10	35,50	36,90	11,40	11,90	12,90
	Absorbed power - Heating	kW	3,23	3,76	5,00	3,23	3,76	5,00
	Max absorbed current - Heating	A	32,70	34,10	35,50	10,90	11,40	11,90
	EER energy class	/	3,35	3,23	3,00	3,35	3,23	3,00
	COP energy class	/	3,75	3,72	3,10	3,75	3,72	3,10
	SEER energy class (T1)	/	6,82	6,65	6,80	6,82	6,65	6,80
	SCOP energy class (T1)	/	4,05	4,11	4,05	4,05	4,11	4,05
	ηs,h %	%	270	263	269	270	263	269
ηs,h %	%	159	161	159	159	161	159	
Fan	Air flow (High)	m ³ /h	7200	7200	7200	7200	7200	7200
Pressure sound level	Sound pressure level (Cooling)	dB(A)	57	58	59	57	58	59
	Sound pressure level (Heating)	dB(A)	57	58	59	57	58	59
Dimensions	Unit Dimensions WxDxH	mm	950x370x1350	950x370x1350	950x370x1350	950x370x1350	950x370x1350	950x370x1350
	Packaged unit dimensions WxDxH	mm	1023x471x1420	1023x471x1420	1023x471x1420	1023x471x1420	1023x471x1420	1023x471x1420
Weight	Net/Shipping weight	kg	108/123	108/123	108/123	108/123	108/123	108/123
	Compressor type	/	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Compressor	Motor Power	W	4130	4130	4130	4060	4060	4060
	Compressor quantity	/	1	1	1	1	1	1
Refrigerant	Refrigerant type	/	R410A	R410A	R410A	R410A	R410A	R410A
	Pre-charged refrigerant qty.	kg	4,00	4,00	4,00	4,00	4,00	4,00
Piping	Ø Liquid side refrigerant pipe	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)
	Ø Gas side refrigerant pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
	Maximum piping length	m	300	300	300	300	300	300
	Max linear piping length (Equivalent/Real)	m	175/150	175/150	175/150	175/150	175/150	175/150
	Std. drop between IU and OU	m	50	50	50	50	50	50
	Max. drop between IU *3	m	15	15	15	15	15	15
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50-130	50-130	50-130	50-130	50-130	50-130
	Maximum number of connectable IUs	/	8	10	13	8	10	13
Working temp.	Cooling	°C	-5~50	-5~50	-5~50	-5~50	-5~50	-5~50
	Heating	°C	-20~27	-20~27	-20~27	-20~27	-20~27	-20~27

(*) The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

(a) With solder reduced from 22,22 to 19,05 for connecting the pipe to the unit valve accessory accompanying the product.

(b) The unit also works regularly with 9,52 diameter pipe. Requires 9,52>12,7 adapter to connect to the machine (not provided by Haier).