

Outdoor Units with Front Discharge

MRV S II



4-5 HP
AU042FNERA
AU052FNERA

Model			AU042FNERA	AU052FNERA
Capacity ⁽¹⁾	Power Class	HP	4	5
	Cooling	kW	12,10	14,00
	Heating	kW	12,10	14,00
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60
	Absorbed power - Cooling	kW	4,25	4,83
	Max absorbed current - Cooling	A	28,30	29,30
	Absorbed power - Heating	kW	4,10	5,00
	Max absorbed current - Heating	A	27,90	29,30
	EER energy class	/	2,85	2,80
	COP energy class	/	2,95	2,90
	SEER energy class (T1)	/	4,90	4,85
	SCOP energy class (T1)	/	3,50	3,55
	ηs,hs,c %	%	193	191
	ηs,hs,h %	%	137	139
Fan	Air flow (High)	m ³ /h	5400	5400
Pressure sound level	Sound pressure level (Cooling)	dB(A)	58	60
	Sound pressure level (Heating)	dB(A)	60	62
Dimensions	Unit Dimensions WxDxH	mm	950x370x965	950x370x965
	Packaged unit dimensions WxDxH	mm	1010x458x990	1010x458x990
Weight	Net/Shipping weight	kg	90/102	90/102
Compressor	Compressor type	/	Rotary Inverter	Rotary Inverter
	Motor Power	W	4130	4130
	Compressor quantity	/	1	1
Refrigerant	Refrigerant type	/	R410A	R410A
	Pre-charged refrigerant qty.	kg	3,30	3,30
Piping	Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)
	Ø Gas side refrigerant pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)
	Maximum piping length	m	120	120
	Max linear piping length (Equivalent/ Real))	m	70/60	70/60
	Std. drop between IU and OU	m	30/20	30/20
	Max. drop between IU *3	m	10	10
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50~130	50~130
	Maximum number of connectable IUs	/	7	8
Working temp.	Cooling	°C	-5~50	-5~50
	Heating	°C	-15~21	-15~21

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

Outdoor Units with Front Discharge

MRV S II

Haier



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	Compressor type	/	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	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 DB / 19°C WB and Outdoor temperature of 35°C DB / 24°C WB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C DB / 6°C WB

(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).

Outdoor Units with Front Discharge

MRV S II



8-12HP

AU08NFKERA
AU10NFKERA
AU12NFKERA

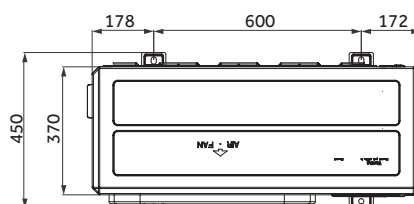
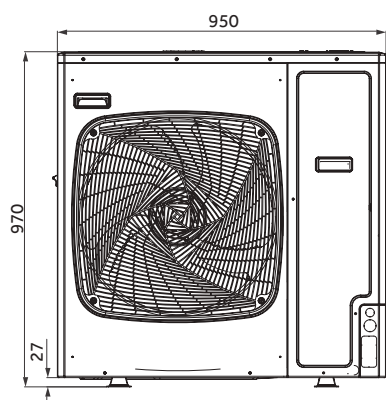
Model			AU08NFKERA	AU10NFKERA	AU12NFKERA
Capacity ^[1]	Power Class	HP	8	10	12
	Cooling	kW	22,60	28,00	31,50
	Heating	kW	22,60	30,50	31,50
Electrical parameters	Power supply	Ph/V/Hz	3/380-415/50/60	3/380-415/50/60	3/380-415/50/60
	Absorbed power - Cooling	kW	6,95	8,67	11,54
	Max absorbed current - Cooling	A	19,00	23,80	25,40
	Absorbed power - Heating	kW	5,79	8,03	8,49
	Max absorbed current - Heating	A	18,00	22,60	24,20
	EER energy class	/	3,25	3,23	2,73
	COP energy class	/	3,90	3,80	3,71
	SEER energy class (T1)	/	7,67	7,65	7,47
	SCOP energy class (T1)	/	4,05	4,16	4,21
	ηs,h %	%	304	303	296
	ηs,h %	%	159	163	165
Fan	Air flow (High)	m ³ /h	10000	10000	10000
Pressure sound level	Sound pressure level (Cooling)	dB(A)	63	64	65
	Sound pressure level (Heating)	dB(A)	65	66	67
Dimensions	Unit Dimensions WxDxH	mm	1050x400x1636	1050x400x1636	1050x400x1636
	Packaged unit dimensions WxDxH	mm	1150x510x1790	1150x510x1790	1150x510x1790
Weight	Net/Shipping weight	kg	149/168	149/168	149/168
Compressor	Compressor type	/	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter
	Motor Power	W	6270	6270	6270
	Compressor quantity	/	1	1	1
Refrigerant	Refrigerant type	/	R410A	R410A	R410A
	Pre-charged refrigerant qty.	kg	5,10	5,10	5,10
Piping	Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)
	Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	22,22 (7/8)	25,40 (1)
	MaMaximum piping length	m	300	300	300
	Max linear piping length (Equivalent/Real)	m	175/150	175/150	175/150
	Std. drop between IU and OU	m	50	50	50
	StMax. drop between IU *3	m	15	15	15
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50-130	50-130	50-130
	Maximum number of connectable IUs	/	13	16	19
Working temp.	Cooling	°C	-5~48	-5~48	-5~48
	Heating	°C	-20~27	-20~27	-20~27

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

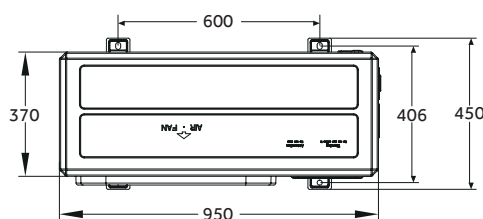
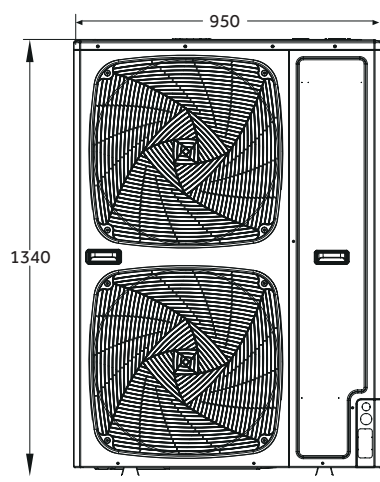
Outdoor Units with Front Discharge

MRV S II

AU042FNERA AU052FNERA



AU042FPERA AU052FPERA AU062FPERA AU04IFPERA AU05IFPERA AU06IFPERA



AU08NFKERA AU10NFKERA AU12NFKERA

