

Outdoor Units With Front Discharge

MRV7 S



4-5-6 HP
Single Phase
 AU042FCFRA
 AU052FCFRA
 AU062FCFRA

Model			AU042FCFRA	AU052FCFRA	AU062FCFRA
Capacity ^[1]	Power Class	HP	4	5	6
	Cooling	kW	12,10	14,00	15,50
	Heating	kW	12,10	14,00	15,50
Electrical parameters	Power supply	Ph/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
	Absorbed power - Cooling	kW	3,44	4,12	4,80
	Max. Power Input - Cooling	kW	7,10	7,40	7,70
	Absorbed power - Heating	kW	2,72	3,50	4,08
	Max. Power Input - Heating	kW	6,80	7,10	7,40
	EER energy class	/	3,52	3,40	3,23
	COP energy class	/	4,45	4,00	3,80
	SEER energy class (T1)	/	8,09	7,85	7,62
	SCOP energy class (T1)	/	4,88	4,75	4,71
	Max. external static pressure	Pa	35	35	35
	η _{s,hs,c} %	%	321	311	302
	η _{s,hs,h} %	%	192	187	185
Fan	Air flow (High)	m ³ /h	5800	5800	5800
Pressure sound level	Sound pressure level (Cooling)	dB(A)	54	55	56
	Sound pressure level (Heating)	dB(A)	56	57	58
Dimensions	Unit Dimensions WxDxH	mm	1050x400x840	1050x400x840	1050x400x840
	Packaged unit dimensions WxDxH	mm	1160x520x1015	1160x520x1015	1160x520x1015
Weight	Net/Shipping weight	kg	96	96	96
Compressor	Compressor type	/	Inverter twin rotary	Inverter twin rotary	Inverter twin rotary
	Motor Power	W	4150	4150	4150
	Compressor quantity	/	1	1	1
Refrigerant	Refrigerant type	/	R32	R32	R32
	Pre-charged refrigerant qty.	kg	3,00	3,00	3,00
Piping	Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	19,05 (3/4)	19,05 (3/4)
	Maximum piping length	m	300	300	300
	Max linear piping length (Equivalent/Real)	m	120	120	120
	Std. drop between IU and OU	m	50/40	50/40	50/40
	Max. drop between IU	m	15	15	15
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50%-150%	50%-150%	50%-150%
	Maximum number of connectable IUs	/	13	16	18
Working temp.	Cooling	°C	-5~-52	-5~-52	-5~-52
	Heating	°C	-25~-21	-25~-21	-25~-21

Indoor temperature (cooling): 27°C DB / 19°C WB, indoor temperature (heating): 20°C DB / 14.5°C WB
 Outdoor temperature (cooling): 35°C DB / 24°C WB, outdoor temperature (heating): 7°C DB / 6°C WB

Outdoor Units With Front Discharge

MRV7 S

4-5-6 HP
Three Phase
AU04IFCFRA
AU05IFCFRA
AU06IFCFRA



Model			AU04IFCFRA	AU05IFCFRA	AU06IFCFRA
Capacity ^[1]	Power Class	HP	4	5	6
	Cooling	kW	12,10	14,00	15,50
	Heating	kW	12,10	14,00	15,50
Electrical parameters	Power supply	Ph/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
	Absorbed power - Cooling	kW	3,44	4,12	4,80
	Max, Power Input - Cooling	kW	7,10	7,40	7,70
	Absorbed power - Heating	kW	2,72	3,50	4,08
	Max, Power Input - Heating	kW	6,80	7,10	7,40
	EER energy class	/	3,52	3,40	3,23
	COP energy class	/	4,45	4,00	3,80
	SEER energy class (T1)	/	8,09	7,85	7,62
	SCOP energy class (T1)	/	4,88	4,75	4,71
	Max, external static pressure	Pa	35	35	35
	ηs,hs,c %	%	321	311	302
	ηs,hs,h %	%	192	187	185
Fan	Air flow (High)	m ³ /h	5800	5800	5800
Pressure sound level	Sound pressure level (Cooling)	dB(A)	54	55	56
	Sound pressure level (Heating)	dB(A)	56	57	58
Dimensions	Unit Dimensions WxDxH	mm	1050x400x840	1050x400x840	1050x400x840
	Packaged unit dimensions WxDxH	mm	1160x520x1015	1160x520x1015	1160x520x1015
Weight	Net/Shipping weight	kg	106	106	106
Compressor	Compressor type	/	Inverter twin rotary	Inverter twin rotary	Inverter twin rotary
	Motor Power	W	4165	4165	4165
	Compressor quantity	/	1	1	1
Refrigerant	Refrigerant type	/	R32	R32	R32
	Pre-charged refrigerant qty.	kg	3,00	3,00	3,00
Piping	Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	19,05 (3/4)	19,05 (3/4)
	Maximum piping length	m	300	300	300
	Max linear piping length (Equivalent/Real)	m	120	120	120
	Std, drop between IU and OU	m	50/40	50/40	50/40
	Max, drop between IU	m	15	15	15
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50%-150%	50%-150%	50%-150%
	Maximum number of connectable IUs	/	13	16	18
Working temp,	Cooling	°C	-5~52	-5~52	-5~52
	Heating	°C	-25~21	-25~21	-25~21

Indoor temperature (cooling): 27°C DB / 19°C WB, indoor temperature (heating): 20°C DB / 14.5°C WB
Outdoor temperature (cooling): 35°C DB / 24°C WB, outdoor temperature (heating): 7°C DB / 6°C WB

Outdoor Units With Front Discharge

MRV7 S



8-10-12 HP

Three Phase

AU08NFAFRA

AU10NFAFRA

AU12NFAFRA

Model			AU08NFAFRA	AU10NFAFRA	AU12NFAFRA
Capacity ⁽¹⁾	Power Class	HP	8	10	12
	Cooling	kW	22,60	28,00	31,50
	Heating	kW	22,60	28,00	31,50
Electrical parameters	Power supply	Ph/V/Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
	Absorbed power - Cooling	kW	6,95	8,67	11,54
	Max. Power Input - Cooling	kW	11,40	14,30	15,30
	Absorbed power - Heating	kW	5,79	7,37	8,49
	Max. Power Input - Heating	kW	10,80	13,60	14,50
	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	7,50
	SCOP energy class (T1)	/	4,65	4,60	4,55
	Max. external static pressure	Pa	45	45	45
	η _{s,hs,c} %	%	303,8	303,0	297,0
	η _{s,hs,h} %	%	183	181	179
Fan	Air flow (High)	m³/h	12500	12500	12500
Pressure sound level	Sound pressure level (Cooling)	dB(A)	57	59	61
	Sound pressure level (Heating)	dB(A)	60	62	64
Dimensions	Unit Dimensions WxDxH	mm	1050x400x1635	1050x400x1635	1050x400x1635
	Packaged unit dimensions WxDxH	mm	1160x520x1805	1160x520x1805	1160x520x1805
Weight	Net/Shipping weight	kg	165,5	165,5	165,5
Compressor	Compressor type	/	Inverter twin rotary	Inverter twin rotary	Inverter twin rotary
	Motor Power	W	6890	6890	6890
	Compressor quantity	/	1	1	1
Refrigerant	Refrigerant type	/	R32	R32	R32
	Pre-charged refrigerant qty.	kg	6,50	6,50	6,50
Piping	Ø Liquid side refrigerant pipe	mm (inch)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)
	Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	19,05 (3/4)	19,05 (3/4)
	Maximum piping length	m	400	400	400
	Max linear piping length (Equivalent/Real))	m	150	150	150
	Std. drop between IU and OU	m	50/40	50/40	50/40
	Max. drop between IU	m	15	15	15
Connection ratio	Indoor / Outdoor Capacity Ratio	%	50%~150%	50%~150%	50%~150%
	Maximum number of connectable IUs	/	20	25	30
Working temp.	Cooling	°C	-5~52	-5~52	-5~52
	Heating	°C	-25~21	-25~21	-25~21

Indoor temperature (cooling): 27°C DB / 19°C WB, indoor temperature (heating): 20°C DB / 14.5°C WB
 Outdoor temperature (cooling): 35°C DB / 24°C WB, outdoor temperature (heating): 7°C DB / 6°C WB