

Specifications

Mono **R32**

- Intuitive, colour screen touch controller in multiple languages
- Energy monitoring through touch controller
- 2-zone control, suitable for floor heating and radiators
- SmartThings compatible with optional Wi-Fi Kit



		Outdoor Unit		Control Kit		AE050RXYDEG/EU	AE080RXYDEG/EU	AE120RXYDEG/EU	
						MIM-E03CN	MIM-E03CN	MIM-E03CN	
System	Operation	Nominal Capacity	Heating A7/W35 ¹	W		5.000	8.000	12.000	
			Cooling A35/W18 ¹	W		5.000	7.500	12.000	
		Power Input (Nominal)	Heating A7/W35 ¹	W		1.030	1.770	2.650	
			Cooling A35/W18 ¹	W		1.140	1.900	2.770	
		COP (Nominal Heating) A7/W35 ¹		W/W		4,85	4,52	4,53	
		EER (Nominal Cooling) A35/W18 ¹		W/W		4,39	3,95	4,33	
		Leaving Water Temperature ²	Heating	°C		15-65	15-65	15-65	
			Cooling	°C		5-25	5-25	5-25	
		Ambient Temperature	Heating	°C		-25-35	-25-35	-25-35	
			Cooling	°C		10-46	10-46	10-46	
			DHW	°C		-25-43	-25-43	-25-43	
		Functions	2-Zone Control ³			•	•	•	
		Outdoor Unit	Power Supply	Φ, V, Hz			1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz
Compressor	Type				BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary		
Base Heater				-	•	•			
Sound	Sound Pressure ⁴		Heating Std	dB(A)		45	48	50	
			Cooling Std	dB(A)		45	48	50	
	Sound Power		Heating Std	dB(A)		61	63	64	
			Cooling Std	dB(A)		62	64	65	
Dimensions	Net Weight		kg		58,5	76,0	110,0		
	Net Dimensions (WxHxD)		mm		880 x 798 x 310	940 x 998 x 330	940 x 1,420 x 330		
Refrigerant	Type				R32	R32	R32		
	These products contain R32 (GWP=675) which is fluorinated greenhouse gas.								
	Factory Charging		tCO ₂ e		0,68	0,78	1,49		
			kg		1,00	1,15	2,20		

Accessories



Touch Controller	Wi-Fi Kit	External Thermostat
MWR-WW10N	MIM-H04EN	MRW-TA



AE160RXYDEG/EU	AE080RXYDGG/EU	AE120RXYDGG/EU	AE160RXYDGG/EU
MIM-E03CN	MIM-E03CN	MIM-E03CN	MIM-E03CN
16.000	8.000	12.000	16.000
14.000	7.500	12.000	14.000
3.620	1.770	2.650	3.620
3.280	1.900	2.770	3.280
4,42	4,52	4,53	4,42
4,27	3,95	4,33	4,27
15-65	15-65	15-65	15-65
5-25	5-25	5-25	5-25
-25-35	-25-35	-25-35	-25-35
10-46	10-46	10-46	10-46
-25-43	-25-43	-25-43	-25-43
•	•	•	•
1Φ, 220-240V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz
BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary
•	-	•	•
52	48	50	52
54	48	50	54
66	63	64	66
68	64	65	68
110,0	75,0	111,0	111,0
940 x 1,420 x 330	940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330
R32	R32	R32	R32
These products contain R32 (GWP=675) which is fluorinated greenhouse gas.			
1,49	0,78	1,49	1,49
2,20	1,15	2,20	2,20



¹A2W Conditions : (Heating) Water In/Out 30°C/35°C, Outdoor Air °C[DB]/6°C[WB]; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°C[DB].

²65°C down to +10°C (max. 60°C down to -5°C)

³When combined with external thermostat.

⁴Sound pressure level is obtained in an anechoic room. Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound pressure level may differ depending on operation conditions.