

Specifications

Max Wall-Mounted R32

- Full HD Filter.
- Wi-Fi kit (optional)



Indoor Unit		AC100RNTDKG/EU	
Outdoor Unit - Mono-Phase		AC100RXADKG/EU	
Outdoor Unit - Tri-Phase		AC100RXADNG/EU	
Capacity			
Cooling (Min/Nominal/Max)	kW	3.0/9.5/11.0	
Heating @ +7 °C (Min/Nominal/Max)	kW	2.2/10.8/15.5	
Heating @ -5 °C	kW	10.6	
Heating @ -15 °C	kW	9.4	
Performance			
Energy Efficiency Cooling	SEER ¹	W/W	5.9/ A+
	Power Consumption	kWh/a	564
	Pdesignc	kW	9.5
	EER	W/W	2.53
Energy Efficiency Heating	SCOP ¹	W/W	4.0/ A+
	Power Consumption	kWh/a	1,960
	Pdesignh (average)	kW	5.6
	COP ¹	W/W	2.82
Airflow Rate	Indoor Unit (H/M/L)	m ³ /min	22.7/19.8/17.8
Sound Power	Indoor Unit	dB(A)	65
	Outdoor Unit	dB(A)	69
Sound Pressure	Indoor Unit (H/M/L/Silent)	dB(A)	49/46/43/37
	Outdoor Unit (H/L)	dB(A)	54/52
Fan/Outdoor Unit	Type	Crossflow Fan	
	Power	W	58
	Number of Fans	-	2
Operating Temperature Range	Cooling	°C	-15-50
	Heating	°C	-20.0-24.0

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Outdoor Unit - Tri-Phase		AC100RXADNG/EU	
Electrical Data			
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	3Φ, 4, 380-415 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.60/3.75/5.10
	Heating	kW	0.46/3.82/5.40
Current Input	Cooling (Min/Std/Max)	A	3.0/16.3/22.5
	Heating (Min/Std/Max)	A	2.5/16.7/23.0
	Cooling - Tri-Phase (Min/Std/Max)	A	1.5/5.7/7.7
	Heating - Tri-Phase (Min/Std/Max)	A	1.2/5.7/8.4
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	1,280 x 345 x 253
	Outdoor Unit	mm	940 x 998 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	75.0
Refrigerant			
Refrigerant	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)	
	Factory Charging	kg	2.7/30 m
	Charging Ton equivalent CO ₂	tCO ₂ e	1.82
	Additional Refrigerant Charging	g/m	50
Piping Connections	Liquid Pipe	ø, inch	3/8
	Gas Pipe	ø, inch	5/8
Piping Length	Min/Max	m	3/50
Piping Height	Max	m	30
Piping Connections	Drain Pipe	ø, mm	VP25 (OD 32, ID 25)

Accessories



Touch Controller

Advanced Wired Remote Controller

Touch Centralised Controller

Wi-Fi Kit

MWR-SH11N

MWR-WG00JN/MWR-WG00KN

MCM-A300N

MIM-H04EN



External Thermostat

DMS 2.5

BACnet/Lonworks/PIM

ON/OFF Controller

MRW-TA

MIM-D01AN

MIM-B17BN/B18BN/B16N

MCM-A202DN

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Dimensional drawings

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AC100*NTD**/EU

