

Specifications

Max Wall-Mounted HEE R32

- Full HD Filter
- Wi-Fi kit (optional)
- Operation range from -25°C until 52°C
- 100% heating capacity at -15°C
- Base heater as standard
- Inverter PBA self-diagnosis



Indoor Unit	AC100BNTPKG/EU
Outdoor Unit - Mono-Phase	AC100BXAPKG/EU
Outdoor Unit - Tri-Phase	AC100BXAPNG/EU

Capacity			
Cooling (Min/Nominal/Max)	kW	3.60 / 9.50 / 12.10	
Heating @ +7°C (Min/Nominal/Max)	kW	2.90 / 10.80 / 16.20	
Heating @ -5°C	kW	13.50	
Heating @ -15°C	kW	12.50	

Performance			
Energy Efficiency Cooling	SEER ¹	W/W	6.9 A++
	Power Consumption	kWh/a	482
	Pdesignc	kW	9.5
	EER	W/W	3.47

Energy Efficiency Heating			
	SCOP ¹	W/W	4.1 A+
	Power Consumption	kWh/a	2220
	Pdesignh (average)	kW	6.5
	COP ¹	W/W	3.33

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)	66	

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		BLOC	
Power	W	125	
Number of Fans	-	1	

Operating Temperature Range			
Cooling	°C	-20-52	
Heating	°C	-25.0-24.0	

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Outdoor Unit - Tri-Phase	AC100BXAPNG/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 BLOC Rotary
	Power (Min/Nominal/Max)	Cooling	kW
Heating		kW	0.65 / 3.45 / 6.40
Current Input	Cooling (Min/Std/Max)	A	4.0 / 12.3 / 18.3
	Heating (Min/Std/Max)	A	4.0 / 15.3 / 27.9
	Cooling - Tri-Phase (Min/Std/Max)	A	1.5 / 4.6 / 6.7
	Heating - Tri-Phase (Min/Std/Max)	A	1.3 / 5.6 / 9.3

Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	1,280 x 345 x 253
	Outdoor Unit	mm	940 x 1,420 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	100

Refrigerant			
Type			R32 (contains fluorinated greenhouse gases, GWP = 675)
Factory Charging	kg		3.5/30 m
Charging Ton equivalent CO ₂	tCO ₂ e		2.36
Additional Refrigerant Charging	g/m		
Piping Connections	Liquid Pipe	ø, inch	3/8
	Gas Pipe	ø, inch	5/8
Piping Length	Min/Max	m	5/85
Piping Height	Max	m	30
Piping Connections	Drain Pipe	ø, mm	Ø18

Accessories



Touch Controller

Advanced Wired Remote Controller

Touch Centralised Controller

Wi-Fi Kit

MWR-SHT1N

MWR-WG00JN/MWR-WG00KN

MCM-A300N

MIM-H04EN



External Thermostat

DMS 2.5

BACnet/Lonworks/PIM

ON/OFF Controller

MRN-TA

MIM-D01AN

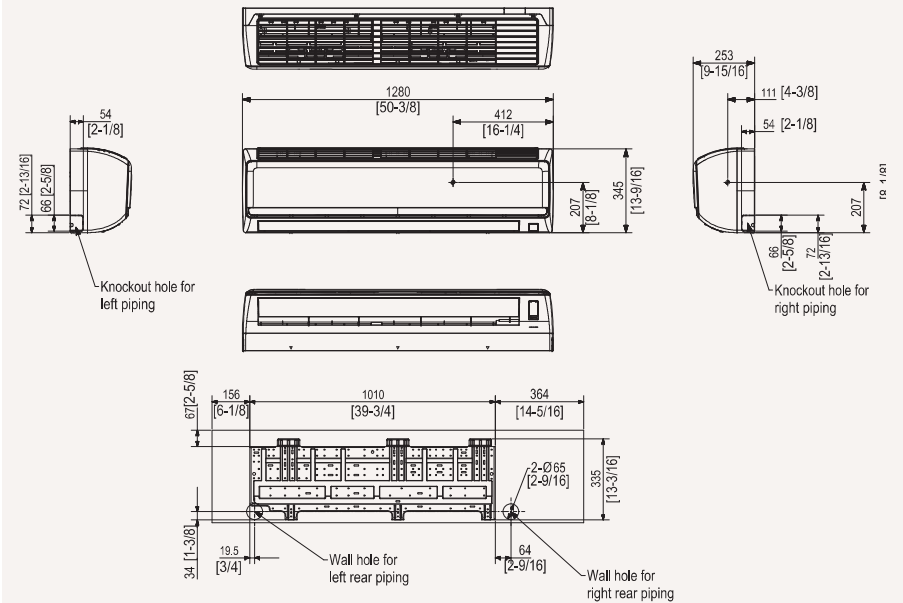
MIM-B17BN/B18BN/B16N

MCM-A202DN

Dimensional drawings

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AC100BNTPKG/EU



¹ Energy labels as shown are according to EU No 626/2011 (L0T10) label classification 2019, on a scale from D to A+++.