

Specifications

Ceiling R32

- Horizontal installation.
- Air supply by means of one adjustable blade; blade angle between 4° and 45°.
- Long-life washable HD 40 permanent filter is included.



Indoor Unit Outdoor Unit - Mono-Phase Outdoor Unit - Tri-Phase			AC052RNC/DKG/EU AC052RXADKG/EU	AC071RNC/DKG/EU AC071RXADKG/EU
Capacity				
	Cooling (Min/Nominal/Max)	kW	1.20/5.00/6.50	1.50/7.10/8.70
	Heating up to +7 °C (Min/Nominal/Max)	kW	1.70/6.00/7.70	1.90/8.00/9.00
	Heating @ -5 °C	kW	5.9	7.8
	Heating @ -15 °C	kW	5.20	7.00
Performance				
Energy Efficiency Cooling	SEER ¹	W/W	6.1/ A++	5.6/ A+
	Power Consumption	kWh/a	273	444
	Pdesignc	kW	5.0	7.1
	EER	W/W	3.05	2.42
Energy Efficiency Heating	SCOP ¹	W/W	3.9/ A	3.9/ A
	Power Consumption	kWh/a	862	1,256
	Pdesignh (average)	kW	2.4	3.5
	COP ¹	W/W	3.37	2.74
Airflow Rate	Indoor Unit (H/M/L)	m ³ /min	12.6/11.3/10.0	15.2/14.1/13.1
Sound Power	Indoor Unit	dB(A)	60	64
	Outdoor Unit	dB(A)	62	65
Sound Pressure	Indoor Unit (H/M/L)	dB(A)	41/39/36	46/44/42
	Outdoor Unit (H/L)	dB(A)	48/48	51/49
Fan/Outdoor Unit	Type		Sirocco	Sirocco
	Power	W	40	40
	Number of Fans	-	2	2
Operating Temperature Range	Cooling	°C	-15-50	-15-50
	Heating	°C	-20.0-24.0	-20.0-24.0
Electrical Data				
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	-	-
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.48/1.58/1.90	0.35/2.87/3.60
	Heating	kW	0.43/1.92/3.05	0.35/3.05/3.95
Current Input	Cooling (Min/Std/Max)	A	2.8/7.2/9.0	2.0/12.4/16.0
	Heating (Min/Std/Max)	A	2.4/8.5/14.5	2.0/13.2/17.0
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	1,000 x 200 x 650	1,000 x 200 x 650
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	20.0	20.0
	Outdoor Unit	kg	43.0	51.0
Refrigerant				
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)	
	Factory Charging	kg	1.2/10 m	1.7/15 m
	Charging Ton Equivalent CO ₂	tCO _{2e}	0.81	1.15
	Additional Refrigerant Charging	g/m	15	25
Piping Connections	Liquid Pipe	ø, inch	1/4	1/4
	Gas Pipe	ø, inch	1/2	5/8
Piping Length	Min/Max	m	3/30	3/50
Piping Height	Max	m	20	30
Piping Connections	Drain Pipe	ø, mm	ID 18	ID 18

Accessories



Wireless Remote Controller

AR-EH03E



Touch Controller

MWR-SH11N



Advanced Wired Controller

MWR-WG00JN/MWR-WG00KN



Wi-Fi Kit

MIM-H04EN



External Thermostat

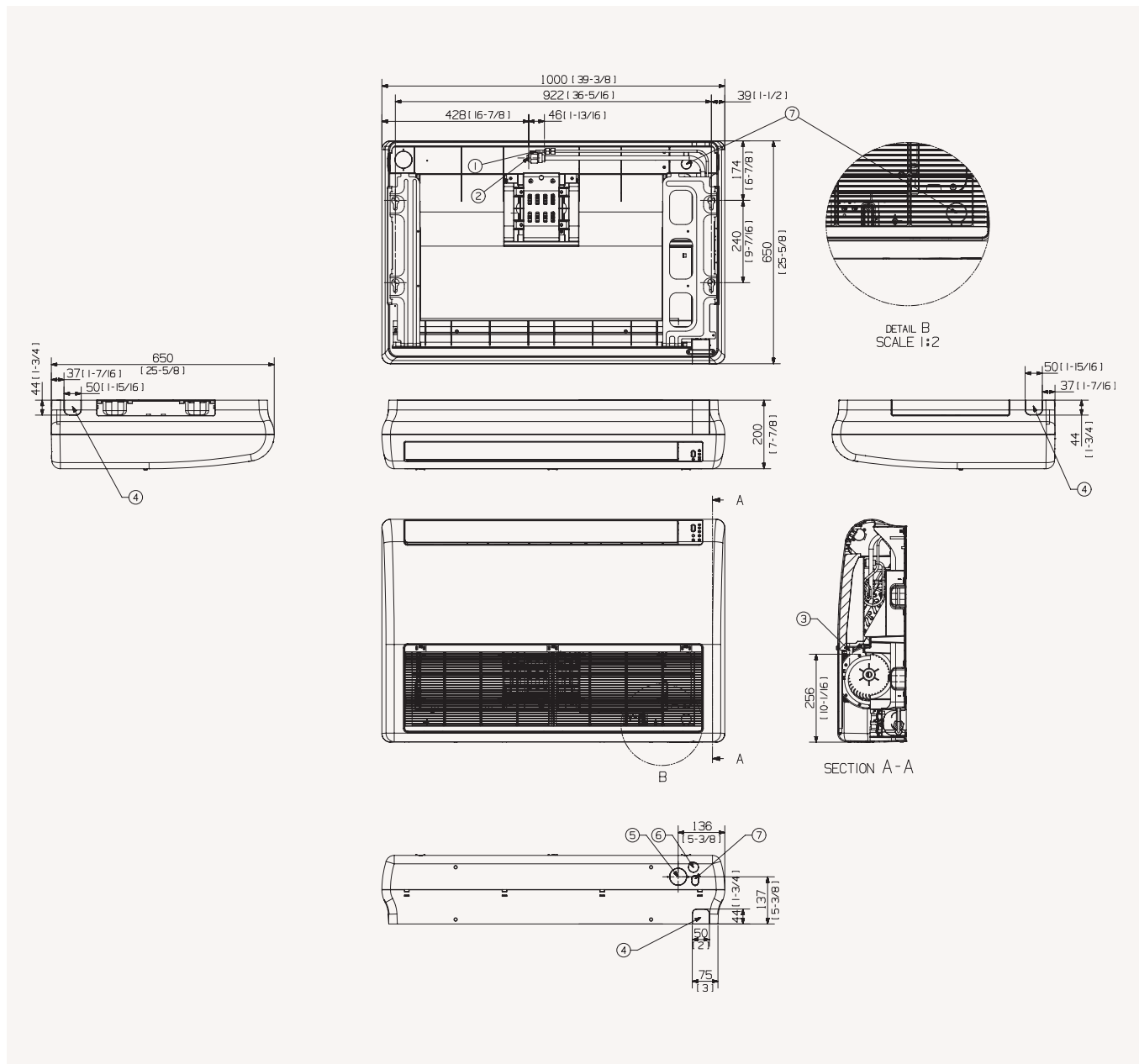
MRW-TA

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

Ceiling R32

AC052/071*NCDK*/EU



NO	Name	Description	
		AC052RNCDKH/EU	AC071RNCDKH/EU
1	Liquid piping		ø6.35 (1/4)
2	Gas piping	ø12.70 (1/2)	ø15.88 (5/8)
3	Condensation drain piping		ID 18 [11/16] Hose
4	Piping connection		
5	Connection for external air		ø50 [2]
6	Connection of the condensation drain pipe		
7	Connection of the communication cables		