

# Specifications

## Ceiling R32

- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; blade angle between 4° and 45°.
- Reduced noise thanks to the remotely controlled EEV.
- Long-life washable HD 40 permanent filter is included.



Indoor Unit		AC052RNCCKG/EU	AC071RNCCKG/EU
Outdoor Unit - Mono-Phase		AC052RXADKG/EU	AC071RXADKG/EU
Outdoor Unit - Tri-Phase			
<b>Capacity</b>			
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
<b>Performance</b>			
Energy Efficiency Cooling	SEER <sup>1</sup>	W/W 6.1/ <b>A++</b>	5.6/ <b>A+</b>
	Power Consumption	kWh/a 273	444
	Pdesignc	kW 5.0	7.1
	EER	W/W 3.05	2.42
Energy Efficiency Heating	SCOP <sup>1</sup>	W/W 3.9/A	3.9/A
	Power Consumption	kWh/a 862	1,256
	Pdesignh (average)	kW 2.4	3.5
	COP <sup>1</sup>	W/W 3.37	2.74
Airflow Rate	Indoor Unit (H/M/L)	m <sup>3</sup> /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
External Static Pressure	Min/Std/Max	Pa	
Operating Temperature Range	Cooling	°C -15-50	-15-50
	Heating	°C -20.0-24.0	-20.0-24.0
<b>Electrical Data</b>			
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
Current Input	Heating kW 0.43/1.92/3.05	0.35/3.05/3.95	
	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	
<b>Refrigerant</b>			
Refrigerant	Type	R32 (contains fluorinated greenhouse gases. GWP = 675)	
	Factory Charging	kg 1.2/10 m	1.7/15 m
	Charging Ton Equivalent CO <sub>2</sub>	tCO <sub>2</sub> e 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

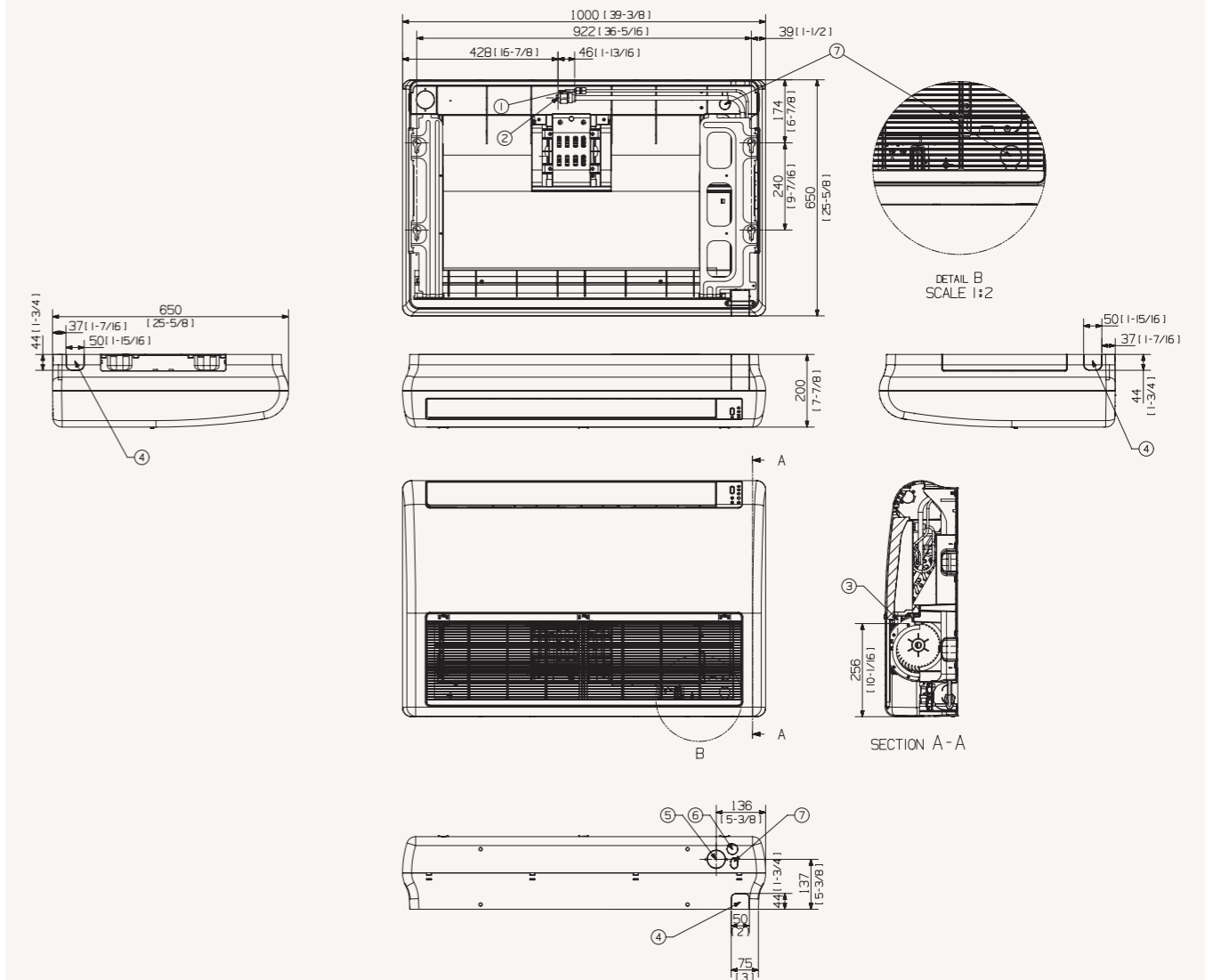
### Accessories

- Touch Controller  
MWR-SH11N
- Advanced Wired Controller  
MWR-WG00JN/MWR-WG00KN
- Wi-Fi Kit  
MIM-H04EN
- External Thermostat  
MRW-TA

# Dimensional drawings

## Ceiling

AC052/071\*NCCK\*/EU



NO	Name	Description	
		AC052MNCCKH/EU	AC071MNCCKH/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		