

# Compact cassette



## Compact design

Unit with dimensions of 570x260x570 mm perfectly fits into a false ceiling tile. Installation hooks are placed on the four corners of the casing thus saving space above ceiling.

## Fireproof electric control box

Modern cabinet of the electric control box meets even stricter fire resistance requirements.

## Functions

### STANDARD

Available with wireless remote controller RG51A(2)/E



Wireless remote controller (RG51A(2)/E)



Standard filter



Alarm port



Remote switch



Fireproof electric control box



Drain pump



Fresh air



TURBO function



Refrigerant leakage detection



Sleep mode



Self-cleaning



Timer



Auto Swing



Switching the airflow direction by 6°



LED on/off



Economy operation



Short cut function



Heating 8°C



Operation in low ambient temperatures

### OPTIONAL



WiFi control



Wired remote controller



Central controller

## Technical specifications

Set with white panel				ZMCA-12N8-C1	ZMCA-18N8-C1
Set with black panel				ZMCA-12N8-C1B	ZMCA-18N8-C1B
Indoor unit				CSTS-12R32IVT IN	CSTS-18R32IVT IN
Outdoor unit				UNVS-12R32INT OU	UNVS-18R32INT OU
White panel				T-MBQ4-03E	
Black panel				T-MBQ4-03EB	
Indoor unit power supply (V/phase/Hz)				220-240/1/50	220-240/1/50
Outdoor unit power supply (V/phase/Hz)				220-240/1/50	220-240/1/50
Version				Reversible heat pump	
Cooling	Capacity	Rated	kW	3.5	5.3
		Min-Max	kW	0.85-4.11	2.90-5.59
	Rated input power		kW	1.01	1.63
	EER		kW/kW	3.47	3.24
	SEER			6.6	6.3
ErP energy class			A++	A++	
Heating	Capacity	Rated	kW	3.81	5.57
		Min-Max	kW	0.47-4.31	2.37-6.10
	Rated input power		kW	1.01	1.54
	COP		kW/kW	3.77	3.62
	SCOP			4.1	4.0
ErP energy class			A+	A+	
Maximum input current			A	10.0	13.5
Indoor unit	Dimensions (width x depth x height)		mm	570×570×260	570×570×260
	Transport dimensions (width x depth x height)		mm	655×655×290	662×662×317
	Weight (net/gross)		kg	16.3/20.4	16/20.6
	Airflow (low/medium/high)		m <sup>3</sup> /min	7/8.5/10.3	8.3/10.3/12
	Sound pressure level (quiet/low/medium/high)		dB(A)	25.5/33/36/41	29/35.5/39.5/43
	Sound power level		dB(A)	57	59
Panel	Dimensions (width x depth x height)		mm	647×647×50	647×647×50
	Transport dimensions (width x depth x height)		mm	715×715×123	715×715×123
	Weight (net/gross)		kg	2.5/4.5	2.5/4.5
Outdoor unit	Dimensions (width x depth x height)		mm	765×303×555	805×330×554
	Transport dimensions (width x depth x height)		mm	887×337×610	915×370×615
	Weight (net/gross)		kg	26.6/29	32.5/35.2
	Airflow		m <sup>3</sup> /min	36.6	35.0
	Sound pressure level		dB(A)	54	56
Sound power level		dB(A)	62	65	
Refrigerant	Type			R32	R32
	Charged amount		kg	0.72	1.15
Refrigerant installation	Liquid/gas		mm	Ø6.35 / Ø9.52	Ø6.35 / Ø12.7
	Maximum length		m	25	30
	Maximum height difference		m	10	20
Condensate drain			mm	Ø25	Ø25
Recommended electrical wiring and protections	Outdoor unit power supply cord		mm <sup>2</sup>	3×1.5	3×1.5
	Communication cable		mm <sup>2</sup>	4×1.0	4×1.0
	Fuse		A	20	20
Recommended operating temperature ranges (outdoor)			Cooling	°C	-15 ~ 50
			Heating	°C	-15 ~ 24

Capacity is based on the following conditions:

Cooling: indoor temperature 27°C DB/19°C WB; outdoor temperature 35°C DB/24°C WB. Heating: indoor temperature 20°C DB/15°C WB; outdoor temperature 7°C DB/6°C WB. Installation length: length of connected pipes is 7.5 m, the height difference is 0. The unit contains fluorinated greenhouse gases (R32 GWP=675).

For the proper operation of outdoor units in the heat pump mode it is necessary to apply a drain pan heater or provide smooth condensate drain in another manner.

Choice of the appropriate solution is a matter for installer.

## Accessories

Standard	
RG51A(2)/E	Wireless remote controller
Option	
KJR-29B	Individual basic wired remote controller
KJR-120C1	Individual advanced wired remote controller with weekly schedule
KJR-150A	Group remote controller
CCM-180A/WS	Central controller with touch screen and schedule
CCM-30	Basic central controller
CCM-15	Central controller without display. Allows to control from a computer.
WIFI WF-60A1	It allows to control from a Smartphone with NetHome Plus application.

# Indoor units



