U1 TYPE
4 WAY 90x90 CASSETTE SEMI CONCEALED CASSETTE

The award winning range of U1 type cassettes are smaller, shallower and lighter than previous models and feature a 950 x 950mm panel throughout. The DC-Fan motor and air discharge louvre ensure quiet, optimum air distribution.

Technical focus
- Compact design
- Reduced sound levels (from previous models)
- DC-Fan motor for increased efficiency
- Powerful drain pump gives 850 mm lift
- Lightweight design
- Fresh air knockout
- Branch duct connection
- Optional air-intake plenum CZ-FDU2

Air intake chamber

1. Air intake box CZ-BCU2 for main unit.
2. Air intake box CZ-ATU2* for Air intake plenum.

CZ-CFU2 Part to close airflow for the cassette 90x90 series U1.

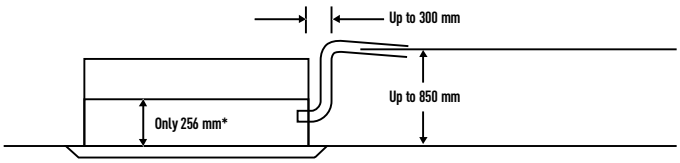
* When using Air intake box (CZ-ATU2), Air intake plenum (CZ-FDU2) is required.

Lighter and Slimmer, Easier Installation

A lightweight unit at 24 kg, the unit is also very slim with a height of only 256 mm, making installation possible even in narrow ceiling voids.

A drain height of approximately 850 mm from the ceiling surface

The drain height can be increased by approximately 350 mm over the conventional value by using a high-lift drain pump, and long horizontal piping is possible.



Drain Pump of about 850 mm from the ceiling surface.
* For 6,0kW / 7,1kW

Optional Controller.
Control for hotel application
PAW-RE2C3

Optional Controller.
Wired remote controller
CZ-RTC5
Compatible with Econavi

Optional Controller.
Timer remote controller
CZ-RTC4
Compatible with Econavi

Optional Econavi Sensor.
CZ-CENSC1

Optional Controller.
Wireless remote controller
CZ-RWSU2N

Optional Controller.
Simplified remote controller
CZ-RE2C2

Panel
CZ-KPU21

Model			S-22MU1E5A	S-28MU1E5A	S-36MU1E5A	S-45MU1E5A	S-56MU1E5A	S-60MU1E5A	S-73MU1E5A	S-90MU1E5A	S-106MU1E5A	S-140MU1E5A	S-160MU1E5A
Power source			230 V / Single Phase / 50 Hz										
Cooling capacity		kW	2.2	2.8	3.6	4.5	5.6	6.0	7.3	9.0	10.6	14.0	16.0
Power input cooling		W	20	20	20	20	25	35	40	40	95	100	115
Operating current cooling		A	0.19	0.19	0.19	0.19	0.22	0.31	0.33	0.36	0.71	0.76	0.89
Heating capacity		kW	2.5	3.2	4.2	5.0	6.3	7.1	8.0	10.0	11.4	16.0	18.0
Power input heating		W	20	20	20	20	25	35	40	40	85	100	105
Operating current heating		A	0.17	0.17	0.17	0.17	0.20	0.30	0.32	0.34	0.65	0.73	0.80
Fan type			Turbo fan										
Air volume	Hi / Med / Lo	m³/h	840/720/660			900/780/720	960/810/720	1,260/1,020/840	1,320/1,020/840	1,380/1,140/900	1,980/1,620/1,260	2,100/1,680/1,320	2,160/1,740/1,380
Sound pressure level	Hi / Med / Lo	dB(A)	30 / 29 / 28			31 / 29 / 28	33 / 30 / 28	36 / 32 / 29	37 / 32 / 29	38 / 35 / 32	44 / 38 / 34	45 / 39 / 35	46 / 40 / 38
Dimensions	H x W x D	mm	256 (+33.5) x 840 (950) x 840 (950)								319 (+33.5) x 840 (950) x 840 (950)		
Net weight		kg	23					24			27		
Pipe connections	Liquid	inch	1/4					3/8					
	Gas	inch	1/2					5/8					
	Drain piping		VP-25										

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB.
DB: Dry Bulb WB: Wet Bulb.

ECONAVI and INTERNET CONTROL: Optional.