

U2 TYPE 4 WAY 90x90 CASSETTE SEMI CONCEALED

Large capacity VRF. Trusted power and high efficiency. These cassettes offer upgraded Econavi and nanoe™ purification system as accessories for making application space more comfortable, healthy and efficient.

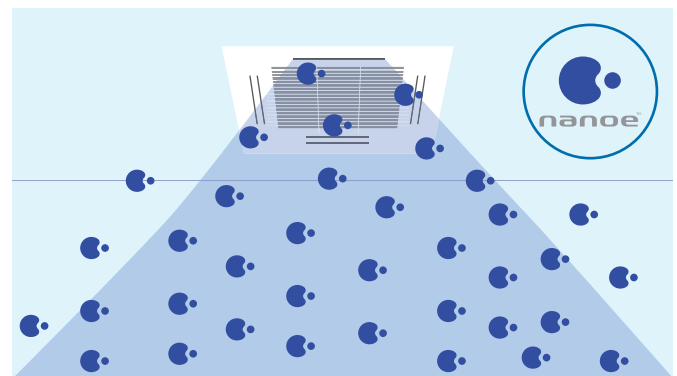
Thanks to advances in design and technology such as the new high performance turbo fan, more efficient and silent, the nanoe™ air cleaner, for total healthy and the floor temperature & humidity sensor to more control, the new U2 Panasonic 4 Way 90x90 Cassette is the best Industry in energy savings, healthy and comfort.

Always fresh and clean air with nanoe™

New nanoe™ is available by the advanced technology of room air conditioning.

- Purificating operation can work simultaneously or independently from heating/cooling operation.
- Inhibiting viruses, bacteria & deodorisation (bacteria, fungus, pollen, virus and cigarette smoke). OH radicals in nanoe™ pull bacteria's hydrogen out and it is effectively deodorised be sterilised
- Clean inside by nanoe™ + Dry control: inside of indoor unit can be cleaned by short operation circuit with nanoe™ and drying

CZ-RTC5A and optional accessory CZ-CNEXU1 are required to use nanoe™ function.



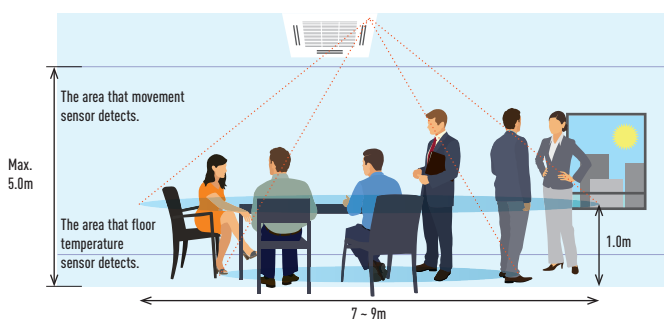
Econavi intelligent sensor

Human activity sensor and floor temperature sensor can reduce energy by optimising air conditioner operation.




Advanced Econavi functions.

2 sensors (movement and floor temperature) can find waste of energy and control effectively. Floor temperature can detect up to 5m ceiling height.




Econavi exclusive panel. Optional (CZ-KPU3A)



Floor temperature sensor.
This sensor detects average floor temperature and operates circulation if floor is low temperature.

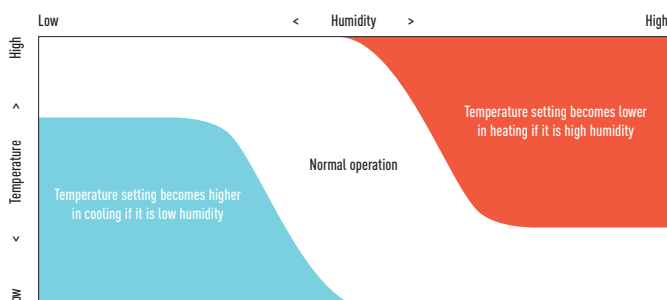
Movement sensor.
This sensor detects the amount of human activity, and operates effectively.



Wired remote controller CZ-RTC5A is required.

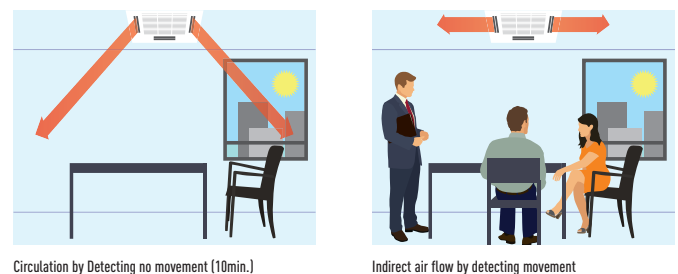
Humidity sensor.

New humidity sensor has added on air suction part, and realises comfort and energy saving based on temperature and humidity.



Group control, circulation function.

Circulating operation is activated when nobody is there, and mix air in the whole room. Minimize temperature gap in both heating and cooling operation.





The new U2 Panasonic 4 Way 90x90 Cassettes with new panel design and 2 types of body with height difference.

2 types of body with height difference (same as current ones)

25.6cm and 31.9cm.

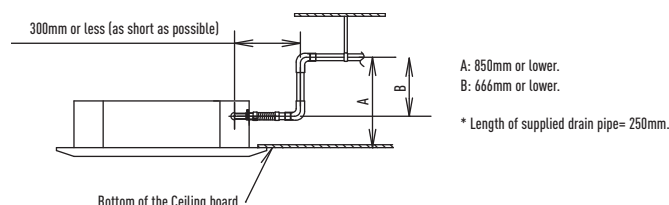
Technical focus

- New high performance turbo fan, new path system for heat exchanger
- Lower noise in slow fan operation
- Ceiling height up to 5.0m
- Industry top light weight, easy piping
- Econavi: Floor temperature and humidity sensor added. Activity amount detection and new circulator
- Nanoe™: The first 10x for CAC (10 times more purification power). Inside cleaning by 10x nanoe™ + dry control
- Powerful drain pump gives 850mm lift
- Fresh air knockout
- Branch duct connection
- Optional air-intake plenum CZ-FDU2

Panasonic introduces new flat panel design which is modern and matching well with your space. These cassettes have developed to satisfy today's customer needs such as highest energy saving, maximum comfort and healthier air.

The drain pipe can be raised to a maximum height of 850mm from the bottom of the ceiling

Do not attempt to raise it higher than 850mm. Doing so will result in water leakage.



New Panel design

Flat design, well-matched with interior, building. Position of 4 air wings can be set individually.



Model	S-22MU2E5A	S-28MU2E5A	S-36MU2E5A	S-45MU2E5A	S-56MU2E5A	S-60MU2E5A	S-73MU2E5A	S-90MU2E5A	S-106MU2E5A	S-140MU2E5A	S-160MU2E5A		
Power source	Single Phase / 220 / 230 / 240V / 50 Hz – 220 / 230V / 60Hz												
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	
Input power 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	
Input power 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	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	Turbo fan	
Air volume	Hi / Med / Lo	m³/min	14.5 / 13.0 / 11.5	14.5 / 13.0 / 11.5	14.5 / 13.0 / 11.5	15.5 / 13.0 / 11.5	17.0 / 13.5 / 11.5	21.0 / 16.0 / 13.0	22.5 / 16.0 / 13.0	23.0 / 18.5 / 14.0	35.0 / 26.0 / 20.0	36.0 / 27.0 / 21.5	37.0 / 29.0 / 25.0
Sound pressure	Hi / Med / Lo	dB(A)	30 / 29 / 28	30 / 29 / 28	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
Sound power	Hi / Med / Lo	dB	45 / 44 / 43	45 / 44 / 43	45 / 44 / 43	46 / 44 / 43	48 / 45 / 43	51 / 47 / 44	52 / 47 / 44	53 / 50 / 47	59 / 53 / 49	60 / 54 / 50	61 / 55 / 53
Dimensions (H x W x D)	Indoor	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
	Panel	mm	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	33.5 x 950 x 950	
Net weight (Panel)		kg	21	21	21	21	21	21	21	25	25	25	
Pipe connections	Liquid	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	
	Gas	Inch (mm)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	5/8 (15.88)	
	Drain piping		VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	VP-25	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. * Sound pressure with no refrigerant flow.



ECONAVI AND INTERNET CONTROL: Optional.