

# Indoor Unit Ultra Slim Ducted

With a height of only 200 mm, it provides greater flexibility and adaptability for various applications. In addition, high efficiency and extreme low noise level make it highly suitable for apartments and hotels.



CS-Z25UD3RAW  
CS-Z35UD3RAW  
CS-Z50UD3RAW  
CS-Z60UD3RAW



Wired remote controller included.



CZ-TACG1\*1

Note: Product image not to scale.

-   
Self-diagnosing Function
-   
Automatic Fan Operation
-   
Dry Mode
-   
Automatic Restart Function
-   
Built-in Drain Pump
-   
DC Motor

## Technical focus

- Space saving 200mm height
- Easy maintenance and service by external electrical box
- Rear or Bottom Return Air Options
- 40 Pa static pressure enables ductwork to be fitted.
- Built-in Drain Pump
- DC fan motor greatly reduces power consumption

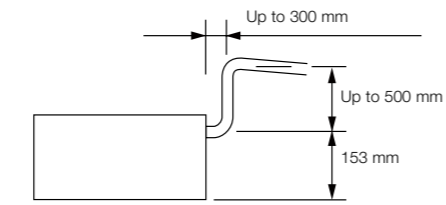
## Ultra-slim profile for all models

200mm height for all models allows installation in very narrow ceilings.



## Drain pump with increased power

Using the built-in high-lift drain pump, the drain piping rise height can be increased to 653 mm from the lower surface of the body.



## Specifications

Capacity		2.5KW	3.6KW	5.0KW	6.0KW
model Name	Indoor Unit	CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW
	Outdoor Unit	CU-Z25UBRA	CU-Z35UBRA	CU-Z50UBRA	CU-Z60UBRA
Cooling capacity :	kW	2.60 (0.85 - 3.20)	3.70 (0.85 - 4.00)	5.00 (0.90 - 5.70)	5.60 (0.90 - 6.50)
	Heating capacity	3.30 (0.85 - 4.90)	4.20 (0.85 - 5.60)	6.10 (0.90 - 7.20)	7.00 (0.90 - 8.00)
EER : COP	BTU/h	8,870 (2,900 - 10,900)	12,600 (2,900 - 13,600)	17,100 (3,070 - 19,400)	19,100 (3,070 - 22,200)
	W/W	11,300 (2,900 - 16,700)	14,300 (2,900 - 19,100)	20,800 (3,070 - 24,600)	23,900 (3,070 - 27,300)
Power input (min - max)	W/W	4.48 : 4.23	3.85 : 4.08	3.57 : 3.63	3.29 : 3.24
	Cooling : Heating kW	0.58 (0.24 - 0.85) : 0.78 (0.23 - 1.25)	0.96 (0.24 - 1.12) : 1.03 (0.23 - 1.57)	1.40 (0.26 - 1.78) : 1.68 (0.26 - 2.20)	1.70 (0.26 - 2.30) : 2.16 (0.26 - 2.60)
<b>Indoor Unit</b>					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V   240V	230V   240V	230V   240V	230V   240V
Dimensions	H x W x D mm	200 x 750 x 640	200 x 750 x 640	200 x 750 x 640	200 x 750 x 640
Net weight	kg	19	19	19	19
Air volume	Cooling : Heating L/s	175 : 175	187 : 187	255 : 255	262 : 262
	Sound pressure level (H/M/L) Cooling : Heating dB(A)	33 / 27 / 24 : 34 / 27 / 24	33 / 26 / 23 : 35 / 27 / 24	39 / 29 / 26 : 39 / 30 / 27	41 / 30 / 27 : 41 / 32 / 29
Sound power level (H/M/L) Cooling : Heating dB(A)		49 / 43 / 40 : 50 / 43 / 40	49 / 42 / 39 : 51 / 43 / 40	55 / 45 / 42 : 55 / 46 / 43	57 / 46 / 43 : 57 / 48 / 45
<b>Outdoor Unit</b>					
Power source	Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	V	230V   240V	230V   240V	230V   240V	230V   240V
Current (rated)	Cooling : Heating A	2.80 : 3.50   2.70 : 3.40	4.30 : 4.70   4.20 : 4.50	6.30 : 7.40   6.10 : 7.20	7.50 : 9.50   7.30 : 9.30
Dimensions	H x W x D mm	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight	kg	33	35	42	43
Piping connections	Liquid / Gas mm	Ø6.35 / Ø9.52	Ø6.35 / Ø9.52	Ø6.35 / Ø12.70	Ø6.35 / Ø12.70
Pipe length	min. - max. m	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference	m	15	15	20	20
Operation ranges	Cooling : Heating °C	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24	-10 ~ +46 : -15 ~ +24

Notes:

The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823

- 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
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- Sound levels are measured in default status which is rear return air, when changing to bottom return air, sounds levels may be higher.
- Ultra Slim Ducted is not supported by PAC Smart Connectivity+.

\*1 If you connect WLAN adaptor (CZ-TACG1) to an indoor unit other than wall mounted type and operate from the smartphone with Panasonic Comfort Cloud App, airflow direction may not be operated as it is shown on the display.