





MORE DUCT TYPE SOLUTIONS IN PACI SECTION



Optional wireless control kit. CZ-RL511D



Low static pressure hide-away Inverter - R32

- Duct type can be controlled by KNX and Modbus
- Eco mode for 20 % energy saving
- Extremely compact indoor units without losing static pressure (only 200 mm high)
- Weekly timer, 42 settings per week
- Easy check mode for failure detection
- Drain pump included

Kit			KIT-Z25-UD3	KIT-Z35-UD3	KIT-Z50-UD3	KIT-Z60-UD3
Cooling capacity	Nominal (Min - Max)	kW	2.50 [0.85 - 3.20]	3.50 [0.85 - 4.00]	5.10 [0.90 - 5.70]	6.00 [0.90 - 6.50]
UK cooling	Total - Sensible	kW	2.30 - 2.29	3.09 - 2.77	3.63 - 2.92	4.25 - 3.42
EER ¹⁾	Nominal (Min - Max)	W/W	4.31 [3.54 - 3.76]	3.85 [3.54 - 3.36]	3.27 [3.53 - 3.20]	2.94 [3.53 - 2.83]
SEER ²⁾			5.90 A+	5.80 A+	5.90 A+	5.60 A+
Pdesign (cooling)		kW	2.50	3.50	5.10	6.00
Input power	Nominal (Min - Max)	kW	0.58 [0.24 - 0.85]	0.91 [0.24 - 1.19]	1.56 [0.26 - 1.78]	2.04 [0.26 - 2.30]
Annual energy consumption ³⁾		kWh/a	148	211	303	375
Heating capacity	Nominal (Min - Max)	kW	3.20 [0.85 - 4.60]	4.20 [0.85 - 5.10]	6.10 [0.90 - 7.20]	7.00 [0.90 - 8.00]
UK heating	Total	kW	3.17	3.54	5.06	5.64
Heating capacity at -7 °C		kW	2.60	3.00	4.50	5.10
COP ¹⁾	Nominal (Min - Max)	W/W	4.00 [3.70 - 3.68]	3.82 [3.70 - 3.59]	3.35 [3.46 - 3.27]	3.24 [3.46 - 3.08]
SCOP ²⁾			4.20 A+	4.10 A+	4.10 A+	4.10 A+
Pdesign at -10 °C		kW	2.60	2.80	4.00	4.60
Input power	Nominal (Min - Max)	kW	0.80 [0.23 - 1.25]	1.10 [0.23 - 1.42]	1.82 [0.26 - 2.20]	2.16 [0.26 - 2.60]
Annual energy consumption ³⁾		kWh/a	867	956	1366	1571
Indoor unit			CS-Z25UD3EAW	CS-Z35UD3EAW	CS-Z50UD3EAW	CS-Z60UD3EAW
External static pressure ⁴⁾	Min - Max	Pa	15 - 45	15 - 45	15 - 50	15 - 50
Air flow	Cool / Heat	m ³ /sec	0.18/0.18	0.19/0.19	0.26/0.26	0.26/0.26
Moisture removal volume		L/h	1.5	2.0	2.8	3.3
Sound pressure ⁵⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	33/27/24	33/27/24	39/29/26	41/30/27
	Heat (Hi / Lo / Q-Lo)	dB(A)	35/27/24	35/27/24	39/30/27	41/32/29
Sound power	Cool - Heat	dB(A)	49 - 51	49 - 51	55 - 55	57 - 57
Dimension	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
Outdoor unit			CU-Z25UBEA	CU-Z35UBEA	CU-Z50UBEA	CU-Z60UBEA
Power supply		V	230	230	230	230
Fuse size	Recommended / Max	A	10/16	10/16	13/16	16/16
Connection indoor / outdoor		mm ²	4 x 1.5 - 2.5	4 x 1.5 - 2.5	4 x 1.5 - 2.5	—
Air flow	Cool / Heat	m ³ /sec	0.48/0.45	0.57/0.56	0.66/0.64	0.71/0.69
Sound pressure ⁵⁾	Cool / Heat (Hi)	dB(A)	46/47	48/48	48/48	49/50
Dimension ⁶⁾	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	43	43
Piping diameter	Liquid pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Gas pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.70)	1/2 (12.70)
Pipe length range		m	3 - 20	3 - 20	3 - 30	3 - 30
Elevation difference (in / out)		m	15	15	20	20
Pipe length for additional gas		m	7.5	7.5	7.5	7.5
Additional gas amount		g/m	10	10	15	15
Refrigerant (R32) / CO ₂ Eq.		kg / T	0.88/0.594	0.93/0.628	1.13/0.763	1.13/0.763
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

1) EER and COP calculation is based in accordance to EN14511. 2) Energy Label Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The specification listed on the table indicates values under the condition of 25 Pa (2.5 mmAq) which are applied for factory default setting. Change switch on PCB from Hi to S-Hi to have more than 6.0 mmAq. 5) The sound pressure of the indoor unit shows the value measured of a position of 1.5 m below the unit with 1 m duct on the suction side and 2 m duct on the discharge side. For outdoor unit 1 m in front and 1 m in rear side of main body. The sound pressure is measured in accordance with JIS C 9612. 6) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port.

Accessories	
CZ-TACG1	Wi-Fi adapter for smart control via Panasonic Comfort Cloud App

Accessories	
CZ-CAPRA1	RAC interface adapter for integration into P-Link
CZ-RL511D	Optional wireless control kit



SEER and SCOP: For KIT-Z25-UD3. INTERNET CONTROL: Optional.

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). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.panasonic.co.uk/aircon or www.ptc.panasonic.eu.