

Wall-mounted LZ Retro Fit

Due to its well-thought-out design, LZ is perfect as a replacement pump. Only 249 mm high.



1 The LZ series is perfect for replacing a 7–10 year old heat pump

The LZ models are efficient and reliable even at outdoor temperatures as low as $-35\text{ }^{\circ}\text{C}$. Due to its well-thought-out design, LZ is perfect as a replacement pump.

2 Only 249 mm high

Only 249 mm high and fits perfectly above the front door for a discreet installation. Thanks to its thoughtful design, LZ is perfect as a replacement pump.



3 Perfect as a replacement pump

LZ's design and dimensions are adapted to facilitate the replacement of an older Panasonic model. For example, the height of the inner section is the same as the older CKP and DKE models. This means that the existing position, e.g. above the outer door, can be retained. This is often not possible as the height of modern inner sections has generally increased. It is not necessary to replace the brackets behind the heat pump either and the pipe size is identical. Replacing a 10 year old heat pump with a new one is often a good investment. Modern heat pumps have a higher energy efficiency which benefits both the environment and your wallet. You will also benefit from new practical functions such as maintenance heating, remote control, better air purification and a timer setting.



**Wall-mounted LZ Retro Fit 249 Inverter+ • R32**

- Only 249 mm high
- Perfect as a replacement pump
- Performance tested at -35 °C outdoor temperature
- Optional internet and voice control

Maximum capacity			6,55 kW	7,65 kW
Indoor unit			CS-LZ25TKE	CS-LZ35TKE
Outdoor unit			CU-LZ25TKE	CU-LZ35TKE
Heating capacity	Nominal (Min - Max)	kW	3,20 (0,85 - 6,55)	4,20 (0,85 - 7,65)
COP ¹⁾		W/W	5,12	4,72
Heating capacity at -7 °C ²⁾		kW	4,00	4,60
COP at -7 °C ¹⁾		W/W	2,52	2,35
Heating capacity at -15 °C ²⁾		kW	3,90	4,35
COP at -15 °C ¹⁾		W/W	2,27	2,25
Heating capacity at -20 °C ²⁾		kW	3,30	3,70
COP at -20 °C ¹⁾		W/W	2,04	2,03
Heating capacity at -25 °C ²⁾		kW	2,70	3,10
COP at -25 °C ¹⁾		W/W	1,83	1,83
SCOP ³⁾			5,00 A++	4,90 A++
SCOP tested by 3rd party laboratory DTI ⁴⁾			5,17 ⁴⁾ A+++ ⁵⁾	—
Pdesign at -10 °C		kW	3,00	3,80
Input power	Nominal (Min - Max)	kW	0,63 (0,17 - 1,77)	0,89 (0,17 - 2,30)
Annual energy consumption ⁶⁾		kWh/a	840	1086
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 4,00)
SEER ³⁾			7,60 A++	7,40 A++
Pdesign (cooling)		kW	2,50	3,50
Input power	Nominal (Min - Max)	kW	0,51 (0,17 - 0,70)	0,86 (0,17 - 1,08)
Annual energy consumption ⁶⁾		kWh/a	115	166
Indoor unit				
Power source		V	230	230
Air flow	Heat / Cool	m ³ /min	12,5/9,3	13,0/10,5
Moisture removal volume		l/h	1,5	2,0
Sound pressure ⁷⁾	Heat (Hi / Lo / Q-Lo)	dB(A)	45/29/18	46/30/19
	Cool (Hi / Lo / Q-Lo)	dB(A)	40/25/21	43/28/21
Dimension	H x W x D	mm	249 x 790 x 355	249 x 790 x 355
Net weight		kg	11	11
Outdoor unit				
Air flow	Heat / Cool	m ³ /min	34,0/33,1	35,6/34,4
Sound pressure ⁷⁾	Heat / Cool (Hi)	dB(A)	44/43	47/45
Dimension ⁸⁾	H x W x D	mm	622 x 824 x 299	622 x 824 x 299
Net weight		kg	38	38
Piping diameter	Liquid pipe	Inch (mm)	1/4 (6,35)	1/4 (6,35)
	Gas pipe	Inch (mm)	3/8 (9,52)	3/8 (9,52)
Pipe length range		m	3 - 20	3 - 20
Elevation difference (in/out) ⁹⁾		m	10	10
Pipe length for additional gas		m	7,5	7,5
Additional gas amount		g/m	20	20
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,10/0,743	1,10/0,743
Operating range	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24
	Cool Min ~ Max	°C	-15 ~ +43	-15 ~ +43
Lowest outdoor temperature tested by 3rd party laboratory ¹⁰⁾		°C	-35	—

Accessories

CZ-TACG1	Wi-Fi adapter for smart control via Panasonic Comfort Cloud App
CZ-CAPRA1	RAC interface adapter for integration into P-Link

Accessories

PAW-SMSCONTROL	Control by SMS (need additional SIM card)
CZ-RD514C	Wired remote controller for wall-mounted and floor console

1) COP calculation is based in accordance to EN14511. 2) Capacity of the heat pump is tested with powerful mode with deice mode included. 3) Energy Label Scale from A+++ to D. 4) SCOP tested by the independent testing laboratory, DTI, in accordance with EN 14825:2016. 5) A+++ has been calculated on the basis of the SCOP test performed by the Danish Technological Institute. The test report from the Danish Technological Institute can be found at: lz25test.panasonic.se. 6) The annual energy consumption is calculated in accordance to EU/626/2011. 7) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. 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. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 8) Add 70 mm for piping port. 9) When installing the outdoor unit at a higher position than the indoor unit. 10) Tested by 3rd party laboratory, DTI, according to EN14511:2013, this temperature is not guaranteed by Factory.



SCOP and SEER: For CS-LZ25TKE. SUPER QUIET: For CS-LZ25TKE. -35 °C HEATING MODE: For CS-LZ25TKE. 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.aircon.panasonic.eu or www.ptc.panasonic.eu.