



Wall-mounted FZ super-compact Inverter • R32

- Compact design with only 779 mm wide
- Cleaner air with PM2,5 Filter
- Super Quiet! Only 20 dB(A)
- Aerowings to control air draft direction
- High energy savings
- Cooling even at -10 °C
- Optional internet and voice control

Kit			KIT-FZ25-WKE	KIT-FZ35-WKE	KIT-FZ50-WKE	KIT-FZ60-WKE
Cooling capacity	Nominal (Min - Max)	kW	2,50 [0,85 - 3,00]	3,40 [0,85 - 3,90]	5,00 [0,98 - 5,40]	6,00 [0,98 - 6,50]
UK Cooling	{Total - Sensible}	kW	2,46 - 2,08	3,45 - 2,66	4,75 - 3,47	5,80 - 3,85
EER ¹⁾	Nominal (Min - Max)	W/W	3,68 [4,05 - 3,33]	3,18 [3,54 - 3,05]	3,03 [3,92 - 2,90]	3,03 [3,92 - 2,83]
SEER ²⁾			6.20 A++	6.10 A++	6.50 A++	6.30 A++
P _{design} (cooling)		kW	2,50	3,40	5,00	6,00
Input power cooling	Nominal (Min - Max)	kW	0,68 [0,21 - 0,90]	1,07 [0,24 - 1,28]	1,65 [0,25 - 1,86]	1,98 [0,25 - 2,30]
Annual energy consumption ³⁾		kWh/a	141	195	269	333
Heating capacity	Nominal (Min - Max)	kW	3,15 [0,80 - 3,60]	3,84 [0,80 - 4,40]	5,40 [0,98 - 7,50]	6,80 [0,98 - 8,00]
UK Heating	{Total - Sensible}	kW	2,17	2,74	4,50	4,80
Heating capacity at -7 °C		kW	2,14	2,60	4,58	5,10
COP ¹⁾	Nominal (Min - Max)	W/W	4,04 [4,21 - 3,46]	3,66 [4,10 - 3,41]	3,42 [4,67 - 3,06]	3,15 [4,26 - 3,02]
SCOP ²⁾			4.20 A+	4.20 A+	4.10 A+	4.00 A+
P _{design} at -10 °C		kW	1,90	2,40	4,00	4,40
Input power heating	Nominal (Min - Max)	kW	0,78 [0,19 - 1,04]	1,05 [0,20 - 1,29]	1,58 [0,21 - 2,45]	2,16 [0,23 - 2,65]
Annual energy consumption ³⁾		kWh/a	633	800	1366	1540
Indoor unit			CS-FZ25WKE	CS-FZ35WKE	CS-FZ50WKE	CS-FZ60WKE
Power source		V	230	230	230	230
Recommended fuse		A	16	16	16	20
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 2,5	4 x 2,5
Air flow	Cool / Heat	m ³ /min	10,5/11,1	10,8/11,3	12,5/13,2	12,7/13,6
Moisture removal volume		L/h	1,5	2,0	2,8	3,3
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/26/20	38/30/20	44/37/34	45/37/34
	Heat (Hi / Lo / Q-Lo)	dB(A)	37/27/24	38/33/25	44/37/34	45/37/34
Dimension	H x W x D	mm	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209	290 x 779 x 209
Net weight		kg	8	8	8	9
Outdoor unit			CU-FZ25WKE	CU-FZ35WKE	CU-FZ50WKE	CU-FZ60WKE
Air flow	Cool / Heat	m ³ /min	30,4/30,4	31,1/31,1	32,7/32,7	42,6/41,5
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	48/49	48/50	48/49	50/50
Dimension ⁵⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	695 x 875 x 320
Net weight		kg	24	25	36	43
Pipe 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 ~ 15	3 ~ 15	3 ~ 15	3 ~ 30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15
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	0,54 / 0,365	0,67 / 0,452	1,14 / 0,770	1,11 / 0,749
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 sound pressure of the indoor unit shows the value measured of a position 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, 5) Add 70 mm for piping port, 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-FZ50-WKE, SUPER QUIET: For KIT-FZ25-WKE and KIT-FZ35-WKE, 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.