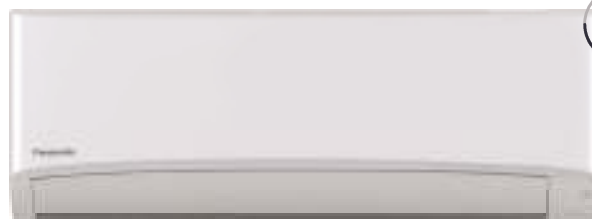


WALL MOUNTED TE COMPACT STYLE INVERTER

NEW
TECHNOLOGY
*17



TE compact indoor size.

The new TE indoor units have a new size. With 799mm of width, you can put the air conditioner on the top of the door.

New TE Inverter models are powerful and efficient, with an outstanding energy ranking of A++/A+, unique in the market!

Furthermore, the annual energy consumption has never been so low.

CS-TE50TKEW
CS-TE60TKEW



Technical focus

- **NEW!** New compact design with 799mm
- Aerowings to control air draft direction
- PM2.5 Filter to create clean and comfort indoor quality
- Complete line-up of standard Inverter models
- Super Quiet! Only 20dB(A)
- High energy savings
- Wired control (Optional)
- Smartphone control (Optional)

Kit			KIT-TE20-TKE	KIT-TE25-TKE	KIT-TE35-TKE	KIT-TE42-TKE	KIT-TE50-TKE	KIT-TE60-TKE
Cooling capacity	Nominal (Min - Max)	kW	2.00 (0.75 - 2.40)	2.50 (0.85 - 3.00)	3.50 (0.85 - 3.90)	4.20 (0.85 - 4.60)	5.00 (0.98 - 5.60)	6.30 (0.98 - 7.10)
EER ¹⁾	Nominal (Min - Max)	W/W	3.77 (3.00 - 3.75) A	3.73 (3.40 - 3.30) A	3.43 (3.33 - 3.22) A	3.28 (3.21 - 2.75) A	3.36 (3.44 - 3.20) A	3.20 (3.50 - 2.93) A
SEER			6.10 A++	6.10 A++	6.10 A++	5.60 A+	6.50 A++	6.20 A++
Pdesign (cooling)		kW	2.0	2.5	3.5	4.2	5.0	6.3
Input power cooling	Nominal (Min - Max)	kW	0.53 (0.25 - 0.64)	0.67 (0.25 - 0.91)	1.02 (0.26 - 1.21)	1.28 (0.27 - 1.67)	1.49 (0.29 - 1.75)	1.97 (0.28 - 2.42)
Annual electricity consumption (cooling) ²⁾		kWh/a	115	143	201	263	269	356
Heating capacity	Nominal (Min - Max)	kW	2.70 (0.70 - 3.60)	3.30 (0.80 - 4.10)	4.00 (0.80 - 5.10)	5.00 (0.80 - 6.80)	5.80 (0.98 - 7.80)	7.20 (0.98 - 8.50)
Heating capacity at -7°C		kW	2.14	2.70	3.30	3.90	4.66	5.24
COP ¹⁾	Nominal (Min - Max)	W/W	3.97 (3.78 - 3.43) A	4.07 (4.10 - 3.57) A	3.74 (4.00 - 3.54) A	3.65 (4.00 - 3.29) A	3.72 (2.88 - 3.36) A	3.38 (2.88 - 3.13) B
SCOP			4.00 A+	4.10 A+	4.10 A+	3.80 A	4.10 A+	4.00 A+
Pdesign at -10°C		kW	1.9	2.4	2.8	3.6	4.0	4.6
Input power heating	Nominal (Min - Max)	kW	0.68 (0.19 - 1.05)	0.81 (0.20 - 1.15)	1.07 (0.20 - 1.44)	1.37 (0.20 - 2.07)	1.56 (0.34 - 2.32)	2.13 (0.34 - 2.74)
Annual electricity consumption (heating) ²⁾		kWh/a	665	820	956	1326	1366	1610
Indoor Unit			CS-TE20TKEW	CS-TE25TKEW	CS-TE35TKEW	CS-TE42TKEW	CS-TE50TKEW	CS-TE60TKEW
Air volume	Cooling / Heating	m³/min	10.0 / 10.9	10.9 / 11.6	11.8 / 12.5	12.3 / 12.9	19.9 / 20.8	20.8 / 21.4
Moisture removal volume		L/h	1.3	1.5	2.0	2.4	2.8	3.5
Sound pressure ³⁾	Cooling (Hi / Lo / Q-Lo)	dB(A)	37 / 25 / 20	40 / 26 / 20	42 / 30 / 20	44 / 31 / 29	44 / 37 / 34	45 / 37 / 34
	Heating (Hi / Lo / Q-Lo)	dB(A)	38 / 26 / 22	40 / 27 / 22	42 / 33 / 22	44 / 35 / 28	44 / 37 / 34	45 / 37 / 34
Dimensions	H x W x D	mm	290 x 799 x 197	290 x 799 x 197	290 x 799 x 197	290 x 799 x 197	302 x 1102 x 244	302 x 1102 x 244
Net weight		kg	8	8	8	8	12	12
Outdoor Unit			CU-TE20TKE	CU-TE25TKE	CU-TE35TKE	CU-TE42TKE	CU-TE50TKE	CU-TE60TKE
Power source		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	16
Connection (indoor/outdoor)		mm²	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5	4 x 1.5
Air volume	Cooling / Heating	m³/min	31.2 / 29.7	30.0 / 28.9	28.7 / 30.4	33.6 / 34.0	33.0 / 33.9	42.6 / 41.5
Sound pressure ³⁾	Cooling / Heating (Hi)	dB(A)	46 / 47	47 / 48	48 / 50	49 / 51	48 / 49	49 / 49
Dimensions ⁴⁾	H x W x D	mm	542 x 780 x 289	542 x 780 x 289	542 x 780 x 289	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320
Net weight		kg	26	27	32	32	40	42
Piping connections	Liquid pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	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)	3/8 (9.52)	1/2 (12.70)	1/2 (12.70)	1/2 (12.70)
Piping length range / Elevation difference (in/out)		m	3 ~ 15 / 15	3 ~ 15 / 15	3 ~ 15 / 15	3 ~ 15 / 15	3 ~ 20 / 15	3 ~ 20 / 15
Pipe length for additional gas / Additional gas amount		m / g/m	7.5 / 15	7.5 / 15	7.5 / 15	7.5 / 10	7.5 / 20	7.5 / 20
Refrigerant (R410A)		kg / TCO ₂ Eq.	0.66 / 1.378	0.77 / 1.608	0.95 / 1.984	1.01 / 2.109	1.38 / 2.881	1.34 / 2.798
Operating range	Cooling Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heating Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Accessories

PA-AC-WIFI-1	Full bidirectional Wifi interface for Internet control
PAW-IR-WIFI-1	IR Wifi interface for Internet control

Accessories

CZ-RD514C	Wired remote controller for wall type
CZ-CAPRA1	H Generation interface to ECOi control integration

1) EER and COP classification is at 230V in accordance with EU directive 2002/31/EC. 2) The annual energy consumption is calculated in accordance with the ErP directive. 3) The Sound pressure of the units shows the value measured of a position 1m in front of the main body and 0.8m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. Q-Lo: The lowest fan speed. Lo: The second lowest fan speed (the lowest fan speed for TE50/60). 4) Add 70mm for piping port. * Tentative values.

SEER and SCOP: For KIT-TE50-TKE. SUPER QUIET: For KIT-TE25-TKE, KIT-TE25-TKE and KIT-TE35-TKE. 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, please visit our websites www.aircon.panasonic.eu or www.gtc.panasonic.eu.