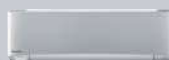


NEW PRODUCTS 2018 — 2019

EFFICIENT SOLUTIONS

PRICE LIST



WALL MOUNTED TZ COMPACT STYLE



TZ Inverter models powerful and efficient

Heating power and efficiency.

- R32 gas environmental friendly
- Wired Controller (optional)
- Complete line-up of standard Inverter models
- Super Quiet! Only 20dB(A)
- High energy savings
- Long connection distance (from 15m up to 30m)

TZ compact indoor size

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

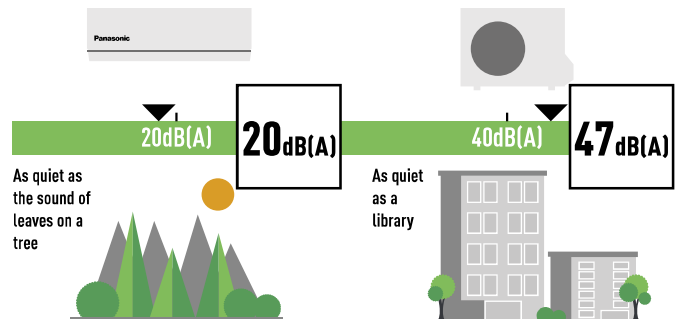


Silent ambient and relaxing atmosphere 20dB(A)

We have succeeded in making one of the most silent air conditioners on the market. Panasonic Inverter air conditioner's indoor operating noise has been reduced as the Inverter constantly varies its output power to enable more precise temperature control.

Quiet Mode reduces operation noise to a quiet 20dB(A)* for a comfortable night's sleep.

Noise is 7dB(A) quieter than during regular operation.



* KIT-TZ20-TKE, KIT-TZ25-TKE and KIT-TZ35-TKE: In the Quiet Mode during cooling operation with low fan speed.

PM2,5

Particulate matter (PM2,5) can be found suspended in the air, including dust, dirt, smoke and liquid droplets. This filter can catch PM2,5 particles including hazardous pollutants as well as house dust and pollen. It is able to maintain clean the air of the room by deodorization too.

Splits 1x1

R32



CZ-TACG1
Panasonic Wifi kit for internet control.

Wall Mounted TZ Compact Style • R32 GAS

Kit			KIT-TZ20-TKE-1	KIT-TZ25-TKE-1	KIT-TZ35-TKE-1	KIT-TZ42-TKE-1	KIT-TZ50-TKE	KIT-TZ60-TKE	KIT-TZ71-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)	7,10 (0,98-8,10)
EER ¹⁾	Nominal (Min-Max)	W/W	4,08 (3,00-4,00)A	3,85 (3,40-3,41)A	3,57 (3,33-3,36)A	3,36 (3,21-2,80)A	3,40 (3,44-3,24)A	3,26 (3,50-2,98)A	3,17 (2,33-3,03)B
SEER ²⁾	W/W		6,80 A++	6,90 A++	6,70 A++	6,30 A++	6,80 A++	6,50 A++	6,10 A++
Pdesign (cooling)		kW	2,0	2,5	3,5	4,2	5,0	6,3	7,1
Input power cooling	Nominal (Min-Max)	kW	0,49 (0,25-0,60)	0,65 (0,25-0,88)	0,98 (0,26-1,16)	1,25 (0,27-1,64)	1,47 (0,29-1,73)	1,93 (0,28-2,38)	2,24 (0,42-2,67)
Annual energy consumption (ErP) ³⁾		kWh/a	103	127	183	233	257	339	407
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)	8,60 (0,98-9,90)
Heating capacity at -7°C		kW	2,14	2,70	3,30	3,90	4,79	5,24	6,13
COP ¹⁾	Nominal (Min-Max)	W/W	4,15 (3,78-3,53)A	4,18 (4,10-3,66)A	4,04 (4,00-3,70)A	3,73 (4,00-3,33)A	3,77 (2,88-3,39)A	3,44 (2,88-3,15)B	3,51 (2,45-3,47)B
SCOP ²⁾	W/W		4,60 A++	4,60 A++	4,60 A++	4,00 A+	4,30 A+	4,20 A+	4,00 A+
Pdesign at -10°C		kW	1,9	2,4	2,8	3,6	4,0	4,6	5,5
Input power heating	Nominal (Min-Max)	kW	0,65 (0,19-1,02)	0,79 (0,20-1,12)	0,99 (0,20-1,38)	1,34 (0,20-2,04)	1,54 (0,34-2,30)	2,09 (0,34-2,70)	2,45 (0,40-2,85)
Annual energy consumption (ErP) ³⁾		kWh/a	578	730	852	1260	1302	1533	1925
Indoor unit			CS-TZ20TKEW-1	CS-TZ25TKEW-1	CS-TZ35TKEW-1	CS-TZ42TKEW-1	CS-TZ50TKEW	CS-TZ60TKEW	CS-TZ71TKEW
Air volume	Cool / Heat	m ³ /min	9,6/10,6	10,5/11,4	11,3/12,1	12,3/12,9	19,9/20,8	20,8/21,4	20,0/22,0
Moisture removal volume		L/h	1,3	1,5	2,0	2,4	2,8	3,5	4,1
Sound pressure ⁴⁾	Cool (Hi / Lo / Q-Lo)	dB(A)	37/25/20	40/26/20	42/30/20	44/31/29	44/37/34	45/37/34	47/38/35
	Heat (Hi / Lo / Q-Lo)	dB(A)	38/26/22	40/27/22	42/33/22	44/35/28	44/37/34	45/37/34	47/38/35
Dimension	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	302 x 1102 x 244
Net weight		kg	8	8	8	8	12	12	13
Outdoor unit			CU-TZ20TKE-1	CU-TZ25TKE-1	CU-TZ35TKE-1	CU-TZ42TKE-1	CU-TZ50TKE	CU-TZ60TKE	CU-TZ71TKE
Power source		V	230	230	230	230	230	230	230
Recommended fuse		A	16	16	16	16	16	20	20
Connection indoor / outdoor		mm ²	4 x 1,5	4 x 1,5	4 x 1,5	4 x 1,5	4 x 2,5	4 x 2,5	4 x 2,5
Air volume	Cool / Heat	m ³ /min	28,9/27,4	29,0/27,6	29,1/30,2	33,6/34,0	33,0/32,2	42,6/41,5	44,7/48,1
Sound pressure ⁴⁾	Cool / Heat (Hi)	dB(A)	46/47	47/48	48/50	49/51	48/49	49/49	52/54
Dimension ⁵⁾	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	695 x 875 x 320
Net weight		kg	27	28	33	34	40	42	49
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)	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)	5/8 (15,88)
Pipe length range		m	3-15	3-15	3-15	3-15	3-20	3-30	3-30
Elevation difference (in/out) ⁶⁾		m	15	15	15	15	15	15	20
Pipe length for additional gas		m	7,5	7,5	7,5	7,5	7,5	7,5	10
Additional gas amount		g/m	10	10	10	10	15	15	25
Refrigerant (R32)		kg/TCO ₂ Eq.	0,61/0,412	0,70/0,473	0,82/0,554	0,87/0,587	1,14/0,770	1,11/0,749	1,32/0,891
Operating range	Cool Min ~ Max	°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
	Heat Min ~ Max	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24
Kit Price		€							
Indoor unit Price		€							
Outdoor unit Price		€							

Accessories	Price €
CZ-TACG1 NEW Panasonic Wifi kit for internet control	
CZ-CAPRA1 Panasonic Wireless Lan Kit for internet control	

Accessories	Price €
CZ-RD514C Wired remote controller for wall mounted	

1) EER and COP classification is at 230V in accordance with EU directive 2002/31/EC. 2) Energy Label Scale from A+++ to G. 3) The annual energy consumption is calculated in accordance with the ErP directive. 4) The sound pressure of the units shows the value measured at 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: Quiet mode. Lo: The lowest fan speed. 5) Add 70mm for piping part. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-TZ25-TKE-1. SUPER QUIET: For KIT-TZ20-TKE-1, KIT-TZ25-TKE-1 and KIT-TZ35-TKE-1. 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 / 4°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.

PANASONIC R2 ROTARY COMPRESSOR

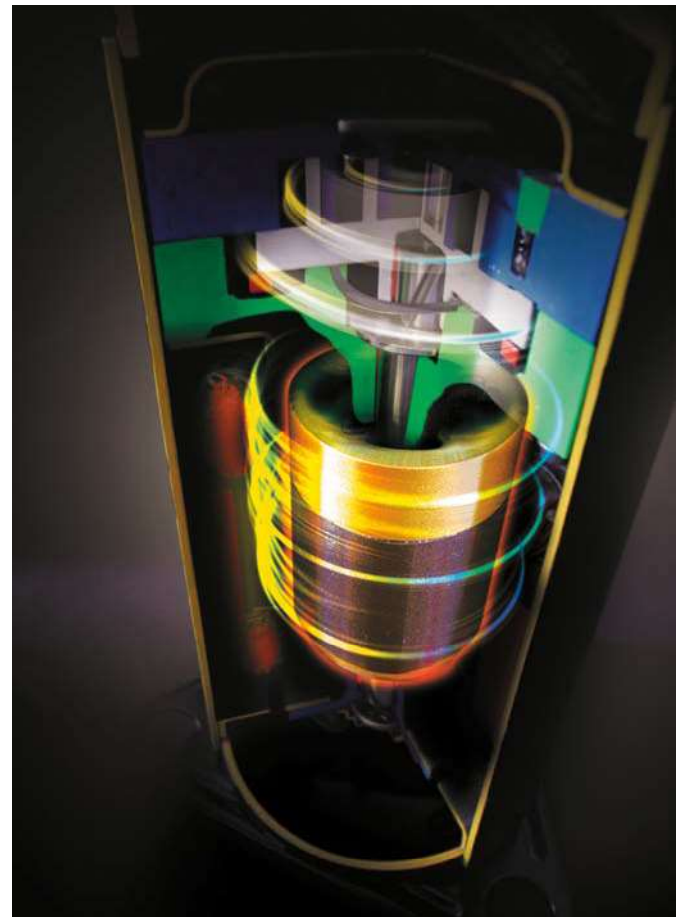
Making the world a cooler place since 1978

Panasonic Rotary Compressors for Room Air Conditioners have been installed in the most demanding environments around the world. Designed to withstand extreme conditions, Panasonic Rotary delivers high performance, efficiency and reliable service, no matter where you are. Panasonic, the world's largest manufacturer of rotary compressors.

Why is the Panasonic R2 Rotary Compressor so efficient?

1. High Efficiency Motor The premium silicon steel motor meets industry efficiency requirements.
2. Improved Lubrication of High Volume Oil Pump The extended, high volume oil pump in conjunction with a larger capacity oil reservoir provides superior lubrication.
3. Accumulator has Larger Refrigerant Capacity The larger accumulator accommodates generous refrigerant amounts needed in longer line length installations.

- HIGHER EFFICIENCY
- SINGLE AND DUAL PISTON
- R32 / R-410A REFRIGERANT
- COMPACT SIZE



R2 Compressor Value

About R2 Compressor.

Built upon 36 years of compressor design and production experience, R2 is the next generation of Rotary Compressors for residential central air conditioning.

New technology improvements, enhanced materials and simple design ensure R2 compressors are reliable, efficient and quiet. The R2 Compressor delivers quality, comfort and peace of mind in homes around the world.

Panasonic's Rotary Compressors have been life tested in some of the world's most demanding environments. Proven for years many of the most demanding areas of the world, the R2 design is the compressor of choice by contractors and homeowners in these challenging climates.

For the high performance that home-owners demand, R2 Rotary Compressors are the best air conditioning engines for today's residential cooling solutions.

Leading Technology.

Used in over 80% of cooling solutions globally, rotary is the world's dominant residential air conditioning compression technology. Panasonic is the leading rotary and residential AC compressor manufacturer in the world, with over 200 million compressors produced.

Benefits.

Central air conditioning delivered with a Panasonic R2 Rotary Compressor ensures a superior level of comfort at an economical cost.



Vane - Long Life.

The special Physical Vapour Deposition (PVD) coating applied to the Vane greatly enhances the durability and life of the compressor mechanism.

Piston - Durable.

The piston is made of unique high-grade steel that prevents wear and extends operation life.

NEW
18

New CZ-TACG1 Panasonic Wifi kit: Control your comfort and efficiency with the lowest energy consumption

Control your air conditioning with the smart internet control device via smartphones, tablet and smart desktop phone via internet. Offering even more functions as if you were at home or office: start/stop, mode operation, set temperature, room temperature, weekly timer, etc as well as the new, advanced functionality provided by Internet Control to achieve the best comfort and efficiency with the lowest energy consumption.

Available in 19 European languages: Bulgarian, Croatian, Czech, Danish, Deutsch, English, Estonian, Finnish, Francais, Greek, Hungarian, Italiano, Norwegian, Polish, Portuguese, Slovenian, Spanish, Swedish and Turkish.



Easy connectivity








CN-CNT easy to access. Previous Etherea indoor unit had to be dismantle to reach connector.

- Can easier connect:**
- Wifi accessory
 - KNX
 - Modbus
 - New CZ-CAPRA1 to integrate to PACi control

Accessories

Accessories Interfaces	Price €
 <p>CZ-TACG1 NEW Panasonic Wifi kit for internet control</p>	
 <p>CZ-CAPRA1 Domestic with CZ-CNT port integration to PACi and ECOi</p>	
 <p>PAW-IR-WIFI-1 Interface (Etherea, 4 Way 60x60 Cassette and Hide Away)</p>	
 <p>PAW-AC-KNX-1i KNX interface for TKE and UKE models</p>	
 <p>PAW-AC-MBS-1 Modbus interface for TKE and UKE models</p>	
 <p>PAW-AC-ENO-1i EnOcean interface for TKE and UKE models</p>	
 <p>PAW-AC-BAC-1 BacNet interface for TKE and UKE models</p>	

 <p>PAW-AC-DIO PCB for wall mounted with dry contacts, On/Off, Error message [all QKE and RKE wall mounted]</p>	
 <p>PAW-AC-HEAT-1 Heating only PCB for Etherea, 4 Way 60x60 Cassette and Hide Away</p>	
 <p>PAW-SMSCONTROL Control of the Etherea, Flagship and Heatcharge by SMS (need additional SIM card)</p>	
Individual Controls Price €	
 <p>CZ-RD514C Wired remote controller for wall type</p>	
 <p>CZ-RD52CP Wired remote controller for Floor Console and Cassette</p>	
Panel Price €	
 <p>CZ-BT20EW NEW RAL9010 panel for 4 Way 60x60 Cassette</p>	