

# Panasonic



## TZ COMPACT AND EFFICIENT

- Compact design: only 799mm wide
- Wide range: 7 different capacities to suit any room
- Cleaner air with PM2.5 Filter
- Quiet operation from only 20dB(A)
- New Aerowings design: twin blades for better airflow control
- High energy savings: rated A++
- Uses new refrigerant R32
- Can reuse existing piping
- Wired control (Optional)
- Smartphone control (Optional)

This data refers to specific units in the line-up, see full leaflet for technical details of each model.



Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP).



Seasonal efficiency in cooling will bring you saving all year while heating. Energy efficiency rank from A+++ to D.



Seasonal efficiency in heating will bring you saving all year while heating. Energy efficiency rank from A+++ to D.



The Inverter range provides more precise temperature control and keeps the ambient temperature constant with lower energy consumption and a significant reduction in noise.



Panasonic R2 Rotary Compressor. Designed to withstand extreme conditions, it delivers high performance and efficiency.



This filter can catch PM2.5 particles including hazardous pollutants as well as house dust and pollen.



With Super Quiet technology our devices are much more quiet than a library (30dB(A)).



More comfort with Aerowings. Direct airflow to ceiling to create shower cooling effect by twin flap built in indoor.



The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems.



This unit is ready to connect to internet and be managed by smartphone, with a powerful and user friendly App to manage the comfort wherever you are.



Ready to be integrated and be managed by Panasonic centralized systems with CZ-CAPRA1



Communication port to integrate the unit to home and building management systems most known standards.



5 Years Warranty. We guarantee the outdoor unit compressors in the entire range for five years.

## The TZ indoor units have compact size

At only 799mm wide, the indoor unit can be fixed in extremely small spaces - on the top of a door or other narrow spaces. The TZ Inverter models are powerful and efficient, with a high energy efficiency class of A++ / A++. The TZ works in cooling mode from -10°C outdoors and -15°C in heating with a high efficiency. Furthermore, the PM2.5 filter and the low operation noise makes this TZ Series a great choice in the compact category.

### R32 Refrigerant Gas

Be ready for the future, the new generation of Panasonic heating and cooling systems are designed to optimize the operation with R32 refrigerant. The new R32 Refrigerant is more environmentally friendly than R410a widely used in the last years. R32 has also zero impact on the ozone layer and it has 75% less impact on global warming vs R410A.



### Smartphone control and statistics

With the new accessory CZ-TACG1 control the comfort and the power consumption with your smartphone or tablet 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 better comfort and helping to increase the efficiency. Connect the CZ-TACG1 accessory to the indoor unit and link wireless to your home internet router.



### Compact and quiet indoor unit of from 799mm wide

TZ indoors are really compact. With only 799mm width, the indoor unit can be easily fixed in the space over the door.



### PM2,5 Filter: Catch hazardous pollutants and pollen

PM2,5 Filter. 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 maintain clean the air of the room by deodorization too.



Included



CZ-TACG1 Panasonic Wifi kit: Optional.

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]
SEER <sup>1)</sup>		W/W	6,80 A++	6,90 A++	6,70 A++	6,30 A++	6,80 A++	6,50 A++	6,10 A++
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]
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
SCOP <sup>1)</sup>		W/W	4,60 A++	4,60 A++	4,60 A++	4,00 A+	4,30 A+	4,20 A+	4,00 A+
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]
Sound pressure <sup>2)</sup>	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
Indoor Dimension / Net weight	H x W x D	mm / kg	290 x 799 x 197 / 8	290 x 799 x 197 / 8	290 x 799 x 197 / 8	290 x 799 x 197 / 8	302 x 1102 x 244 / 12	302 x 1102 x 244 / 12	302 x 1102 x 244 / 13
Outdoor Dimension <sup>3)</sup> / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 27	542 x 780 x 289 / 28	542 x 780 x 289 / 33	619 x 824 x 299 / 34	619 x 824 x 299 / 40	695 x 875 x 320 / 42	695 x 875 x 320 / 49
Refrigerant (R32)	kg/TCO <sub>2</sub> 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

#### Accessories

CZ-TACG1	NEW Panasonic Wifi kit for internet control
CZ-CAPRA1	RAC interface adapter for integration into P Link
CZ-RD514C	Wired remote controller for wall mounted

1) Energy Label Scale from A+++ to D. 2) 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: Quiet mode. Lo: The lowest fan speed. 3) Add 70mm for piping port

# Panasonic®

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heating & cooling solutions