

## New TZ Inverter models

### Heating power and efficiency

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



Exceptional Seasonal Cooling Efficiency based on the new ErP regulation. Higher SEER ratings mean greater efficiency. Save all the year while heating!



Exceptional Seasonal Heating Efficiency based on the new ErP regulation. Higher SCOP ratings mean greater efficiency. Save all the year while heating!



The A Inverter system provides energy savings of up to 50%. Both you and nature wins!



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



Particulate matter (PM2.5) can be found suspended in the air, including dust, dirt, smoke and liquid droplets.



With Super Quiet technology our devices are as quiet as a library.



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



New Domestic integration to P-Line - CZ-CAPRA1. Can connect all ranges to P-Line. Full control is now possible.



Control your air conditioning from wherever you are. Using smartphone, tablet or PC via internet.



Integrated into the indoor unit provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.



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



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

# Wall Mounted TZ Standard Inverter R32 gas

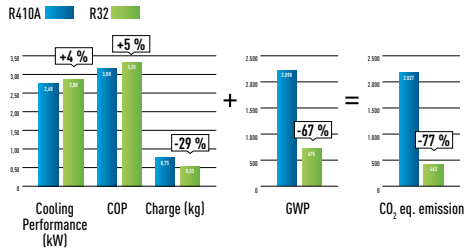
The new TZ Inverter models are powerful and efficient, with an outstanding energy ranking of A++ / A+, making them unique on the market. The TZ range is able to function in outdoor temperatures as low as -15 C in heating mode and -10 in cooling.

## R32 - the most environmentally friendly refrigerant on the market

Compared to R22 and R410A, R32 has 0 impact on the depletion of ozone layer and a very low potential impact on the global warming.

European regulation CE 517/2014 makes the replacement of fluorinated gases (F-gases) compulsory, such as R410A, for environmental reasons.

Panasonic's commitment to innovation means leading the European R32 change, ahead of the 2017- 2030 transition period for refrigerant changes, granted by the European regulation.



## Internet Control

The Ethera Wi-Fi accessory offers the possibility of controlling the air conditioners remotely, by using a smartphone, tablet or PC connected to the internet. The Ethera accessory is wire-connected to the unit, giving full bidirectional connectivity and the ability to control power consumption, error code messages etc.



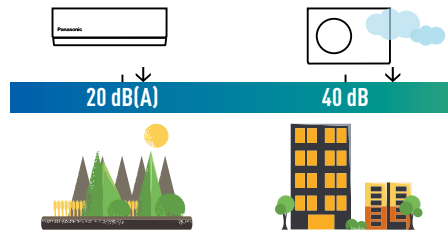
Internet Control PA-AC-WIFI-1 (Optional)

## Silent ambient and relaxing atmosphere 20 dB(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\* for a comfortable night's sleep. Noise is 5dB quieter than during regular operation.



KIT-TZ9/TZ12-SKE: In the Quiet Mode during cooling operation with low fan speed.

## Powerful capacity

No matter the cooling and heating needs, Panasonic will provide the full rated capacity. Should the system installed have a smaller capacity than needed, it would work at a higher intensity and speed. This would translate into higher running costs and shorter system life. These negative side effects are applicable for capacities as low as 10% and will impact the cost of the end user's bills.

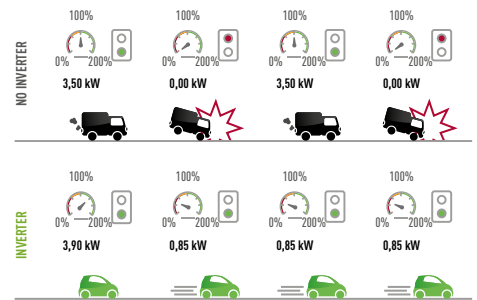
## Inverter technology

Panasonic Inverter air conditioners have the flexibility to vary the rotation speed of the compressor. This allows the system to use less energy to maintain the set temperature, whilst also being able to cool the room quicker at start-up. The system provides maximum cooling comfort, with the added benefits of energy efficiency, demonstrated through lower energy bills costs.



NO INVERTER Slow to start. Takes longer to reach the temperature set point. The temperature oscillates between the two extremes and never stabilises. The temperature falls and then rises quickly, leading to a consumption peak.

INVERTER Rapidly reaches the desired temperature. Adjusts the temperature: more comfort and greater savings. Keeps the temperature comfortable all the time.



CS-TZ9SKEW / CS-TZ12SKEW / CS-TZ15SKEW / CS-TZ18SKEW



CS-TZ24SKE



Included for TZ9, TZ12 and TZ15



Included for TZ18 and TZ24



Optional wired remote control CZ-RD514C

Kit			KIT-TZ9-SKE*	KIT-TZ12-SKE*	KIT-TZ15-SKE*	KIT-TZ18-SKE*	KIT-TZ24-SKE**
Cooling capacity	Nominal (Min - Max)	kW	2,50 (0,85 - 3,00)	3,50 (0,85 - 3,90)	4,20 (0,85 - 4,60)	5,00 (0,98 - 5,40)	6,80 (0,98 - 8,10)
SEER	Nominal	W/W	6,20 A++	6,20 A++	5,60 A+	6,70 A++	6,10 A++
Power input cooling	Nominal (Min - Max)	kW	0,670 (0,250 - 0,890)	1,000 (0,255 - 1,190)	1,260 (0,265 - 1,650)	1,620 (0,285 - 1,800)	2,100 (0,380 - 2,670)
Heating capacity	Nominal (Min - Max)	kW	3,30 (0,80 - 4,10)	4,00 (0,80 - 5,10)	5,00 (0,80 - 6,80)	5,80 (0,98 - 7,50)	8,60 (0,98 - 9,90)
Heating capacity at -7°C	Nominal	kW	2,70	3,30	3,90	4,67	6,13
SCOP	Nominal	W/W	4,20 A+	4,20 A+	3,80 A	4,10 A+	4,00 A+
Power input heating	Nominal (Min - Max)	kW	0,800 (0,195 - 1,130)	1,050 (0,200 - 1,420)	1,350 (0,200 - 2,050)	1,760 (0,340 - 2,420)	2,610 (0,450 - 3,130)
Sound pressure level <sup>1)</sup>	Cooling - Heating (Hi / Lo / Q-Lo)	dB(A)	37 / 24 / 19 - 38 / 25 / 19	39 / 25 / 19 - 40 / 27 / 19	42 / 28 / 19 - 42 / 33 / 19	43 / 31 / 25 - 43 / 35 / 29	44 / 37 / 34 - 44 / 37 / 34
Indoor Unit Dimensions / Net weight	H x W x D	mm / kg	290 x 870 x 204 / 9	290 x 870 x 204 / 9	290 x 870 x 204 / 10	290 x 870 x 204 / 10	290 x 1.070 x 235 / 12
Out Door Dimensions <sup>2)</sup> / Net weight	H x W x D	mm / kg	542 x 780 x 289 / 27	542 x 780 x 289 / 32	619 x 824 x 299 / 35	619 x 824 x 299 / 41	795 x 875 x 320 / 67

<sup>1)</sup> The Sound pressure level of the units shows the value measured of a position 1 metre in front of the main body and 0,8 m 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 RE18/24). <sup>2)</sup> Add 70mm for piping port.

\* Available in April 2016. \*\* Available in May 2016.



To find out how Panasonic cares for you, log on to: [www.aircon.panasonic.co.uk](http://www.aircon.panasonic.co.uk)

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