Panasonic

Wall-mounted TZ Super-compact
Inverter · R32 Refrigerant

## New TZ, smart comfort in a compact unit

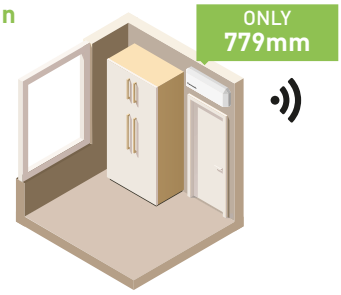
· Compact and elegant design with only 779mm wide
· Built-in WLAN for internet and voice control
· Infrared Sky Controller
· Cleaner air with PM2,5 filter
· Super Quiet! Only 20dB(A)
· More comfort with Aerowings
· High energy savings

heating & cooling solutions

# New Wall-mounted TZ super-compact

## 1 New super-compact design

The new TZ has a width of just 779mm. This allows for more installation possibilities, including the limiting space above a door.




## 2 Built-in WLAN and compatible with Voice Assistant

Ready to connect the unit to internet to be controlled by smartphone with Panasonic Comfort Cloud App. Control, monitor, easy schedule with easy interface. By connecting Panasonic Comfort Cloud the unit can be managed by the Google Assistant or Amazon Alexa*.

* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates Google, Android, Google Play and Google Home are trademarks of Google LLC.

## 3 PM2,5

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

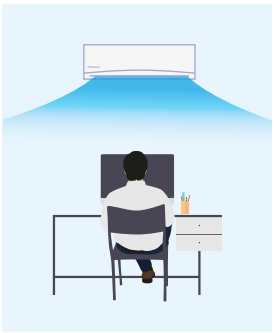
## 4 Stylish infrared control

Enjoy innovative design at your fingertips with the new stylish and sleek Backlit Sky Controller. Bigger screen and easier to use.

## Aerowings

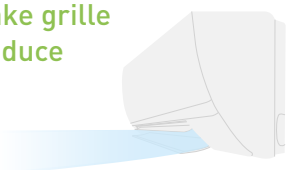
To increase comfort level, TZ indoor units include Aerowings.

**Superior airflow control.**
Aerowings features two independent blades that give you more control over the direction of the airflow. Without Aerowings, with direct airflow, the target never changes, so you can easily begin to feel too cold as you are subjected to the continuous icy blast.



**Comfort that goes on and on with Shower Cooling.**
When the Aerowings twin blades direct air towards the ceiling they create the Shower Cooling effect. This ensures cool air is evenly distributed throughout the room and you can stay comfortable without experiencing continuous direct cooling.

Panasonic Air Conditioners with Aerowings feature an indoor design with wider intake grille and super-high fan speed to produce bigger air volume.



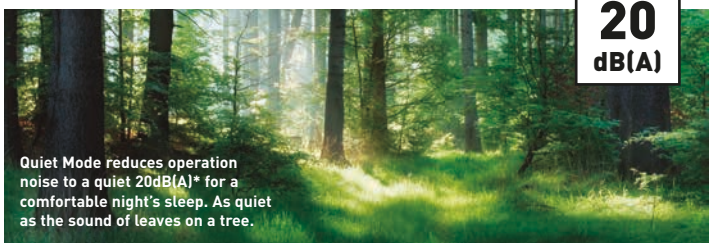
## The choice for the narrow spaces in your home. New TZ with R32 refrigerant powerful and efficient.

R32
NEW REFRIGERANT GAS

### 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.

* 2,5 and 3,5kW models: In the Quiet Mode during cooling operation with low fan speed.




## Comfort Cloud Application. Convenient Centralised Control

### Easily control and access all features of remote control anytime, anywhere.

**Smart Control - In control of cooling comfort anytime, anywhere**

- **Connect & control operation:** 20 units per location and up to 10 different locations. Transform multiple remote controls into one device
- **Manage multiple units at once:** Turn on all AC units at the same time or by group settings. Set weekly timers for multiple units to cater to your daily routines

**Smart Comfort - Easily manage your comfort and air quality**

- **Adjust set temperature:** Set temperature by monitoring real time indoor and outdoor temperatures
- **Pre-heat or cool:** Control your house or office comfort before you arrive!

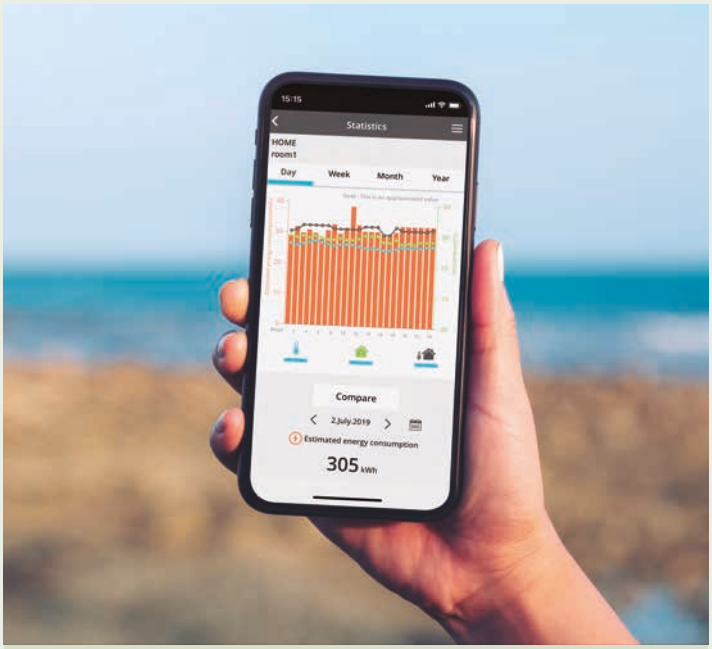
**Smart Efficiency - More comfort with less wasted energy**

- **Energy usage analysis [1]:** Monitor energy consumption based on different temperature settings
- **Energy usage comparison (day/week/month/year):** Compare energy usage history of AC units for better budget planning.

**Smart Assist - Be informed of breakdowns**

- **Error codes notification and identification [2]:** Launch the App to check error codes for effortless troubleshooting. Help technicians to easily identify the issues
- **User's control right:** Register multiple users. Set administrator rights and assign users access

1) Estimated energy consumption data accuracy depends on power supply quantity. 2) Contact trained technicians to perform any repairing/service.

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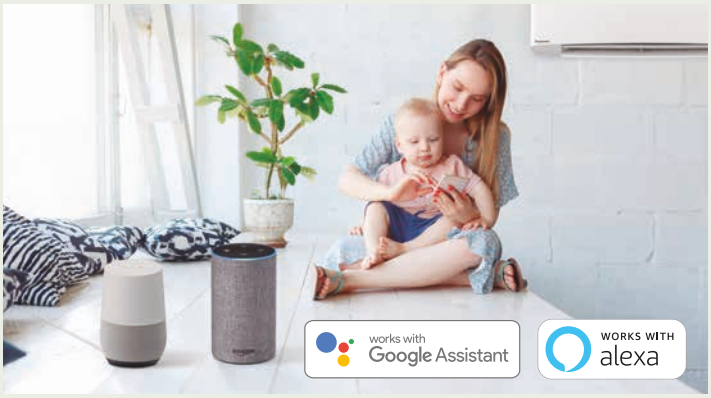
### Voice Control. Words do more than actions

**Control without boundaries and get hands-free help to fully access the features of your air conditioners. Maximising your cooling comfort is now a breeze with our Network-Enabled Air Conditioners with Panasonic's Comfort Cloud and Voice Control.**

**Get multiple things done with your voice**

Simplify your day with your personalised routine by grouping individual actions.
With the routine function, you can control multiple voice-controlled devices including our network-enabled air conditioners.

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www.eggeassociats.net

# New Wall-mounted TZ Super-compact Inverter • R32 Refrigerant

NEW 2020

Built-in WLAN Panasonic Comfort Cloud for internet control.

| Kit | | | KIT-TZ20-WKE | KIT-TZ25-WKE | KIT-TZ35-WKE | KIT-TZ42-WKE | KIT-TZ50-WKE | KIT-TZ60-WKE | KIT-TZ71-WKE |
|---|---|---|---|---|---|---|---|---|---|
| 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) | 6,00 (0,98 - 6,60) | 7,10 (0,98 - 8,20) |
| **SEER** [2] | | | **7,00 A++** | **7,00 A++** | **6,80 A++** | **6,40 A++** | **6,90 A++** | **6,80 A++** | **6,20 A++** |
| Input power cooling | Nominal (Min - Max) | kW | 0,49 (0,18 - 0,60) | 0,65 (0,21 - 0,88) | 0,98 (0,24 - 1,16) | 1,25 (0,24 - 1,64) | 1,60 (0,25 - 1,90) | 1,85 (0,25 - 2,30) | 2,24 (0,42 - 2,75) |
| Annual energy consumption [3] | | kWh/a | 100 | 125 | 180 | 230 | 254 | 309 | 401 |
| 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 - 7,50) | 7,00 (0,98 - 8,20) | 8,60 (0,98 - 9,90) |
| Heating capacity at -7°C | | kW | 2,14 | 2,70 | 3,30 | 3,90 | 4,62 | 4,90 | 6,13 |
| **SCOP** [2] | | | **4,60 A++** | **4,60 A++** | **4,60 A++** | **4,00 A+** | **4,50 A+** | **4,30 A+** | **4,00 A+** |
| Input power heating | Nominal (Min - Max) | kW | 0,65 (0,17 - 1,02) | 0,79 (0,19 - 1,12) | 0,99 (0,20 - 1,38) | 1,34 (0,20 - 2,04) | 1,70 (0,21 - 2,30) | 1,90 (0,21 - 2,30) | 2,45 (0,40 - 2,85) |
| Annual energy consumption [3] | | kWh/a | 578 | 730 | 852 | 1260 | 1244 | 1433 | 1925 |
| **Indoor unit** | | | **CS-TZ20WKEW** | **CS-TZ25WKEW** | **CS-TZ35WKEW** | **CS-TZ42WKEW** | **CS-TZ50WKEW** | **CS-TZ60WKEW** | **CS-TZ71WKEW** |
| Power source | | V | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| Air volume | Cool / Heat | m³/min | 10,3 / 10,8 | 11,0 / 11,5 | 11,8 / 12,3 | 12,5 / 13,2 | 12,5 / 13,2 | 20,9 / 21,9 | 22,1 / 22,9 |
| Moisture removal volume | | L/h | 1,3 | 1,5 | 2,0 | 2,4 | 2,8 | 3,3 | 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 / 33 | 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 / 33 | 45 / 37 / 34 | 47 / 38 / 35 |
| 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 | 290 x 779 x 209 | 302 x 1102 x 244 | 302 x 1102 x 244 |
| Net weight | | kg | 8 | 8 | 8 | 8 | 8 | 13 | 13 |
| **Outdoor unit** | | | **CU-TZ20WKE** | **CU-TZ25WKE** | **CU-TZ35WKE** | **CU-TZ42WKE** | **CU-TZ50WKE** | **CU-TZ60WKE** | **CU-TZ71WKE** |
| Air volume | Cool / Heat | m³/min | 29,7 / 29,7 | 30,0 / 28,9 | 28,7 / 29,7 | 30,4 / 30,8 | 32,7 / 32,7 | 34,0 / 34,0 | 44,7 / 45,9 |
| Sound pressure [4] | Cool / Heat (Hi) | dB(A) | 46 / 47 | 47 / 48 | 48 / 50 | 49 / 51 | 48 / 49 | 49 / 51 | 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 | 542 x 780 x 289 | 619 x 824 x 299 | 619 x 824 x 299 | 695 x 875 x 320 |
| Net weight | | kg | 24 | 25 | 31 | 31 | 36 | 36 | 50 |
| 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 |
| Refrigerant (R32) / $CO_2$ Eq. | | kg / T | 0,54 / 0,365 | 0,67 / 0,452 | 0,77 / 0,520 | 0,79 / 0,533 | 1,14 / 0,770 | 1,22 / 0,824 | 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 |

| Accessories | |
|---|---|
| **CZ-CAPRA1** | RAC interface adapter for integration into P-Link |

| Accessories | |
|---|---|
| **CZ-RD514C** | Wired remote controller for Wall-mounted and Floor Console |

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 1m in front of the main body and 0,8m below the unit. For outdoor unit 1m in front and 1m 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 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.

Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP) compared with R410A refrigerant. — 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. — Inverter Plus System classification highlight the Panasonic highest performing systems. — Panasonic R2 Rotary Compressor. Designed to withstand extreme conditions, it delivers high performance and efficiency. — Dust Collection Filter. This filter collects and retain particles suspended on the air, as result the air is cleaner in the room. — 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. — 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. — The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems. — The communication port can be integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system. — 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. — 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.

SEER and SCOP: For KIT-TZ20-WKE and KIT-TZ25-WKE. SUPER QUIET: For KIT-TZ20-WKE, KIT-TZ25-WKE and KIT-TZ35-WKE. INTERNET CONTROL: Built-in WLAN.

Panasonic

**To find out how Panasonic cares for you, log on to: www.aircon.panasonic.eu**

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heating & cooling solutions

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