

Splits 1x1

R410A

## WALL MOUNTED TE COMPACT STYLE INVERTER

### • R410A GAS



#### TE compact indoor size

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

The TE Inverter models are powerful and efficient, with an outstanding energy ranking of A++ / A+. The TE works in cooling mode from -10°C outdoors and -15°C in heating with a high efficiency. Furthermore, the annual energy consumption has never been so low.

#### Technical focus

- 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
- This units can be installed on R22 pipings
- Long connection distance (from 15m up to 30m)
- 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 <sup>1)</sup>                             | 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 <sup>2)</sup>                            |                       | W/W                       | 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 energy consumption (ErP) <sup>3)</sup> |                       | 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 <sup>1)</sup>                             | 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 <sup>2)</sup>                            |                       | W/W                       | 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 energy consumption (ErP) <sup>3)</sup> |                       | kWh/a                     | 665                  | 820                  | 956                  | 1326                 | 1366                 | 1610                 |
| <b>Indoor unit</b>                            |                       |                           | <b>CS-TE20TKEW</b>   | <b>CS-TE25TKEW</b>   | <b>CS-TE35TKEW</b>   | <b>CS-TE42TKEW</b>   | <b>CS-TE50TKEW</b>   | <b>CS-TE60TKEW</b>   |
| Air volume                                    | Cool / Heat           | 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 <sup>4)</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             |
|                                               | 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             |
| 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     |
| Net weight                                    |                       | kg                        | 8                    | 8                    | 8                    | 8                    | 12                   | 12                   |
| <b>Outdoor unit</b>                           |                       |                           | <b>CU-TE20TKE</b>    | <b>CU-TE25TKE</b>    | <b>CU-TE35TKE</b>    | <b>CU-TE42TKE</b>    | <b>CU-TE50TKE</b>    | <b>CU-TE60TKE</b>    |
| 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                                    | Cool / Heat           | 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 <sup>4)</sup>                  | Cool / Heat (Hi)      | dB(A)                     | 46/47                | 47/48                | 48/50                | 49/51                | 48/49                | 49/49                |
| Dimension <sup>5)</sup>                       | 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)          |
| Pipe length range                             |                       | m                         | 3 ~ 15               | 3 ~ 15               | 3 ~ 15               | 3 ~ 15               | 3 ~ 20               | 3 ~ 20               |
| Elevation difference (in/out) <sup>6)</sup>   |                       | m                         | 15                   | 15                   | 15                   | 15                   | 15                   | 15                   |
| Pipe length for additional gas                |                       | m                         | 7,5                  | 7,5                  | 7,5                  | 7,5                  | 7,5                  | 7,5                  |
| Additional gas amount                         |                       | g/m                       | 15                   | 15                   | 20                   | 20                   | 20                   | 20                   |
| Refrigerant (R410A)                           |                       | kg / TCO <sub>2</sub> 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                               | Cool Min ~ Max        | °C                        | -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            |

#### Accessories

|                  |                                                 |
|------------------|-------------------------------------------------|
| <b>CZ-TACG1</b>  | NEW Panasonic Wifi kit for internet control     |
| <b>CZ-CAPRA1</b> | Panasonic Wireless Lan Kit for internet control |

#### Accessories

|                  |                                          |
|------------------|------------------------------------------|
| <b>CZ-RD514C</b> | 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 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. 5) Add 70mm for piping port. 6) When installing the outdoor unit at a higher position than the indoor unit.



SEER and SCOP: For KIT-TE50-TKE. SUPER QUIET: For KIT-TE25-TKE, KIT-TE25-TKE and KIT-TE35-TKE. INTERNET CONTROL: Optional.