

Full flexibility up to 10kW and up to 5 ports with wide range of indoor units, including high performance Etherea indoor units, reaching up to A+++/A++ and using new generation R32 refrigerant

### High Energy efficiency class A+++ and A++

Economical, environment-friendly operation high SCOP (Seasonal Coefficient of Performance).

Original Panasonic Inverter technology and a high performance compressor provide top-class operating efficiency. This lets you enjoy lower electricity bills while contributing to environmental protection.



### R32 refrigerant gas: A 'small' change that changes everything

Panasonic recommends R32 because it is comparably environmentally friendly. Compared to R22 and R410A, R32 has a very low potential impact on the depletion of ozone layer and global warming.

In line with the European countries who are concerned in protecting and maintaining the environment by participating in the Montreal Protocol to protect the Ozone Layer and prevent Global Warming, Panasonic is leading the switch to R32.



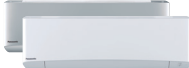
### A wide range of possibilities

Panasonic offers you the solution that perfectly matches your project in terms of total capacity, single indoor capacity and indoor type choice. Size, performance, quiet operation and other exceptional features can be chosen amongst Panasonic's free multi range.

#### Outdoor Unit. System Capacity (Min - Max Indoor Cooling Capacity Nominal)

|                                                                                    | 2 Rooms                                                                             |                                                                                     | 3 Rooms                                                                             |                                                                                     | 4 Rooms                                                                              |                                                                                       | 5 Rooms                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 3,2 - 6,0kW                                                                        | 3,2 - 6,0kW                                                                         | 3,2 - 7,7kW                                                                         | 4,5 - 9,5kW                                                                         | 4,5 - 11,2kW                                                                        | 4,5 - 11,5kW                                                                         | 4,5 - 14,7kW                                                                          | 4,5 - 18,3kW                                                                          |
|  |  |  |  |  |  |  |  |
| CU-Z235TBE                                                                         | CU-Z241TBE                                                                          | CU-Z250TBE                                                                          | CU-Z352TBE                                                                          | CU-Z368TBE                                                                          | CU-Z468TBE                                                                           | CU-Z480TBE                                                                            | CU-Z590TBE                                                                            |

#### Indoor units • R32 GAS

| Capacity                         |                                                                                     | 16          | 20                          | 25                          | 35                          | 42          | 50                          | 60                          | 71          |
|----------------------------------|-------------------------------------------------------------------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-------------|-----------------------------|-----------------------------|-------------|
| Etherea Silver / Pure White Matt |  | CS-MZ16VKE  | CS-XZ20VKEW<br>CS-Z20VKEW   | CS-XZ25VKEW<br>CS-Z25VKEW   | CS-XZ35VKEW<br>CS-Z35VKEW   | CS-Z42VKEW  | CS-XZ50VKEW<br>CS-Z50VKEW   |                             | CS-Z71VKEW  |
| Wall Mounted TZ Compact Style    |  | CS-MTZ16WKE | CS-TZ20WKEW                 | CS-TZ25WKEW                 | CS-TZ35WKEW                 | CS-TZ42WKEW | CS-TZ50WKEW                 | CS-TZ60WKEW                 | CS-TZ71WKEW |
| Floor Console*                   |  |             | CS-MZ20UFEA                 | CS-Z25UFEAW                 | CS-Z35UFEAW                 |             | CS-Z50UFEAW                 |                             |             |
| 4 Way 60x60 Cassette             |  |             | CS-MZ20UB4EA<br>/ CZ-BT20EW | CS-Z25UB4EAW<br>/ CZ-BT20EW | CS-Z35UB4EAW<br>/ CZ-BT20EW |             | CS-Z50UB4EAW<br>/ CZ-BT20EW | CS-Z60UB4EAW<br>/ CZ-BT20EW |             |
| Low Static Pressure Hide Away    |  |             | CS-MZ20UD3EA                | CS-Z25UD3EAW                | CS-Z35UD3EAW                |             | CS-Z50UD3EAW                | CS-Z60UD3EAW                |             |



## Outdoor unit Free Multi System Z • R32 refrigerant

| Indoor nominal capacity (Min - Max)     |                     |                 | 3,2~6,0 kW      | 3,2~6,0 kW      | 3,2~7,7 kW      | 4,5~9,5 kW      | 4,5~11,2 kW      | 4,5~11,5 kW      | 4,5~14,7 kW      | 4,5~18,3 kW       |
|-----------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|-------------------|
| Unit                                    |                     |                 | CU-2Z35TBE      | CU-2Z41TBE      | CU-2Z50TBE      | CU-3Z52TBE      | CU-3Z68TBE       | CU-4Z68TBE       | CU-4Z80TBE       | CU-5Z90TBE        |
| Cooling capacity                        | Nominal (Min - Max) | kW              | 3,50[1,50~4,50] | 4,10[1,50~5,20] | 5,00[1,50~5,40] | 5,20[1,80~7,30] | 6,80[1,90~8,00]  | 6,80[1,90~8,80]  | 8,00[3,00~9,20]  | 9,00[2,90~11,50]  |
| EER <sup>1)</sup>                       | Nominal (Min - Max) | W/W             | 4,86[6,00~4,09] | 4,56[6,00~3,80] | 4,24[6,00~3,62] | 4,77            | 3,66[7,04~3,38]  | 4,39[5,59~3,56]  | 4,04[5,66~3,21]  | 4,09[5,27~2,98]   |
| SEER <sup>2)</sup>                      |                     |                 | 8,50 A+++       | 8,50 A+++       | 8,50 A+++       | 8,50 A+++       | 8,00 A++         | 8,00 A++         | 7,90 A++         | 8,50 A+++         |
| Pdesign (cooling)                       |                     | kW              | 3,50            | 4,10            | 5,00            | 5,20            | 6,80             | 6,80             | 8,00             | 9,00              |
| Input power cooling                     | Nominal (Min - Max) | kW              | 0,72[0,25~1,10] | 0,90[0,25~1,37] | 1,18[0,25~1,49] | 1,09[0,36~2,18] | 1,86[0,27~2,37]  | 1,55[0,34~2,47]  | 1,98[0,53~2,87]  | 2,20[0,55~3,86]   |
| Annual energy consumption <sup>3)</sup> |                     | kWh/a           | 144             | 169             | 206             | 214             | 298              | 298              | 990              | 1100              |
| Heating capacity                        | Nominal (Min - Max) | kW              | 4,20[1,10~5,60] | 4,60[1,10~7,00] | 5,60[1,10~7,20] | 6,80[1,60~8,30] | 8,50[3,30~10,40] | 8,50[3,00~10,60] | 9,40[4,20~10,60] | 10,40[3,40~14,50] |
| Heating capacity at -7 °C               |                     | kW              | —               | —               | —               | 3,95            | 4,45             | 4,45             | —                | —                 |
| COP <sup>1)</sup>                       | Nominal (Min - Max) | W/W             | 4,88[5,24~4,18] | 4,79[5,24~3,91] | 4,63[5,24~4,00] | 4,63[5,00~3,82] | 3,95[5,32~3,64]  | 4,47[5,17~3,96]  | 4,63[6,00~3,46]  | 4,84[6,42~3,42]   |
| SCOP <sup>2)</sup>                      |                     |                 | 4,60 A++        | 4,60 A++        | 4,60 A++        | 4,20 A+         | 4,20 A+          | 4,20 A+          | 4,70 A++         | 4,68 A++          |
| Pdesign at -10 °C                       |                     | kW              | 3,20            | 3,50            | 4,20            | 5,00            | 5,20             | 5,80             | 6,80             | 8,50              |
| Input power heating                     | Nominal (Min - Max) | kW              | 0,86[0,21~1,34] | 0,96[0,21~1,79] | 1,21[0,21~1,80] | 1,47[0,32~2,17] | 2,15[0,62~2,86]  | 1,90[0,58~2,68]  | 2,03[0,70~3,06]  | 2,15[0,53~4,24]   |
| Annual energy consumption <sup>3)</sup> |                     | kWh/a           | 974             | 1065            | 1278            | 1667            | 1733             | 1933             | 2026             | 2543              |
| Current                                 | Cool / Heat         | A               | 3,35/4,00       | 4,15/4,45       | 5,35/5,50       | 5,00/6,70       | 8,40/9,70        | 7,00/8,60        | 9,50/9,50        | 10,50/10,10       |
| Power source                            |                     | V               | 230             | 230             | 230             | 230             | 230              | 230              | 230              | 230               |
| Recommended fuse                        |                     | A               | 16              | 16              | 16              | 16              | 16               | 20               | 20               | 25                |
| Recommended power cable section         |                     | mm <sup>2</sup> | 2,5             | 2,5             | 2,5             | 2,5             | 2,5              | 2,5              | 2,5              | 3,5               |
| Sound pressure <sup>4)</sup>            | Cool / Heat (Hi)    | dB(A)           | 48/50           | 48/50           | 50/52           | 47/48           | 51/52            | 49/50            | 51/52            | 53/54             |
| Dimension <sup>5)</sup>                 | H x W x D           | mm              | 619 x 824 x 299 | 619 x 824 x 299 | 619 x 824 x 299 | 795 x 875 x 320 | 795 x 875 x 320  | 795 x 875 x 320  | 999 x 940 x 340  | 999 x 940 x 340   |
| Net weight                              |                     | kg              | 39              | 39              | 39              | 71              | 71               | 72               | 80               | 81                |
| 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)       | 1/4 (6,35)        |
|                                         | Gas pipe            | Inch (mm)       | 3/8 (9,52)      | 3/8 (9,52)      | 3/8 (9,52)      | 3/8 (9,52)      | 3/8 (9,52)       | 3/8 (9,52)       | 3/8 (9,52)       | 3/8 (9,52)        |
| Pipe length range total <sup>6)</sup>   |                     | m               | 6~30            | 6~30            | 6~30            | 6~50            | 6~60             | 6~60             | 6~70             | 6~80              |
| Pipe length range to one unit           |                     | m               | 3~20            | 3~20            | 3~20            | 3~25            | 3~25             | 3~25             | 3~25             | 3~25              |
| Elevation difference (in/out)           |                     | m               | 10              | 10              | 10              | 15              | 15               | 15               | 15               | 15                |
| Pipe length for additional gas          |                     | m               | 20              | 20              | 20              | 30              | 30               | 30               | 45               | 45                |
| Additional gas amount                   |                     | g/m             | 15              | 15              | 15              | 20              | 20               | 20               | 20               | 20                |
| Refrigerant (R32) / CO <sub>2</sub> Eq. |                     | kg / T          | 1,12/0,756      | 1,12/0,756      | 1,12/0,756      | 2,10/1,418      | 2,10/1,418       | 2,10/1,418       | 2,72/1,836       | 2,72/1,836        |
| Operating range                         | Cool Min ~ Max      | °C              | -10~+46         | -10~+46         | -10~+46         | -10~+46         | -10~+46          | -10~+46          | -10~+46          | -10~+46           |
|                                         | Heat Min ~ Max      | °C              | -15~+24         | -15~+24         | -15~+24         | -15~+24         | -15~+24          | -15~+24          | -15~+24          | -15~+24           |

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 units shows the value measured of a position 1 m in front and 1 m in rear side of the main body. The sound pressure is measured in accordance with JIS C 9612. 5) Add 70 or 95 mm for piping port. 6) Minimum piping length is 3 meters per indoor unit.

## Possible outdoor / indoor units combinations • R32 refrigerant

| Rooms | Model      | Indoor capacity connected (Min - Max) | Wall-mounted Etherea Silver               | Wall-mounted Etherea Pure White Matt                       | NEW Wall-mounted TZ super-compact                                           | Floor Console*          | 4 Way 60x60 Cassette                    | Low Static Pressure Hide Away           |
|-------|------------|---------------------------------------|-------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------|-----------------------------------------|-----------------------------------------|
|       |            |                                       | 16 20 25 35 42 50 60 71                   | 16 20 25 35 42 50 60 71                                    | 16 20 25 35 42 50 60 71                                                     | 16 20 25 35 42 50 60 71 | 16 20 25 35 42 50 60 71                 | 16 20 25 35 42 50 60 71                 |
| 2     | CU-2Z35TBE | 3,2~6,0 kW                            | ✓ ✓ ✓                                     | ✓ ✓ ✓ ✓                                                    | ✓ ✓ ✓ ✓                                                                     | ✓ ✓ ✓                   | ✓ ✓ ✓                                   | ✓ ✓ ✓                                   |
|       | CU-2Z41TBE | 3,2~6,0 kW                            | ✓ ✓ ✓                                     | ✓ ✓ ✓ ✓                                                    | ✓ ✓ ✓ ✓                                                                     | ✓ ✓ ✓                   | ✓ ✓ ✓                                   | ✓ ✓ ✓                                   |
|       | CU-2Z50TBE | 3,2~7,7 kW                            | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>   | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                                   | ✓ ✓ ✓ ✓ <sup>(1)</sup>  | ✓ ✓ ✓ ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ <sup>(1)</sup>                  |
| 3     | CU-3Z52TBE | 4,5~9,5 kW                            | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                                   |                         | ✓ ✓ ✓ ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ <sup>(1)</sup>                  |
|       | CU-3Z68TBE | 4,5~11,2 kW                           | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  |                         | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |
| 4     | CU-4Z68TBE | 4,5~11,5 kW                           | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup>                  |                         | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |
|       | CU-4Z80TBE | 4,5~14,7 kW                           | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |                         | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |
| 5     | CU-5Z90TBE | 4,5~18,3 kW                           | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |                         | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> | ✓ ✓ ✓ ✓ <sup>(1)</sup> ✓ <sup>(1)</sup> |

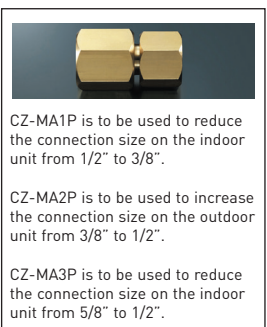
1) A CZ-MA1P pipe reducer is needed on the 42 and 50, a CZ-MA2P pipe expander is needed on the 60 and 71, and CZ-MA3P pipe reducer on the 71.

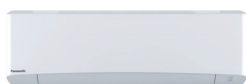
\* Compatible only with 2 ports R32 outdoor CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE. Minimum quantity of connection: 2 indoor units. Floor console indoor unit is compatible with R410A outdoors with 3, 4 or 5 ports: CU-3E18PBE, CU-3E23SBE, CU-4E23PBE, CU-4E27PBE and CU-5E34PBE.

## Outdoor Multi combination model

|                                                                                                                                                                                                                                                                                            | Model                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| CS-MZ16VKE / CS-MTZ16WKE<br>CS-XZ20VKEW / CS-Z20VKEW / CS-TZ20WKEW / CS-MZ20UFEA / CS-MZ20UB4EA / CS-MZ20UD3EA<br>CS-XZ25VKEW / CS-Z25VKEW / CS-TZ25WKEW / CS-Z25UFEAW / CS-Z25UB4EAW / CS-Z25UD3EAW<br>CS-XZ35VKEW / CS-Z35VKEW / CS-TZ35WKEW / CS-Z35UFEAW / CS-Z35UB4EAW / CS-Z35UD3EAW | CU-2Z35TBE / CU-2Z41TBE /<br>CU-2Z50TBE / CU-3Z52TBE /<br>CU-3Z68TBE / CU-4Z68TBE /<br>CU-4Z80TBE / CU-5Z90TBE |
| CS-Z42VKEW / CS-TZ42WKEW<br>CS-XZ50VKEW / CS-Z50VKEW / CS-TZ50WKEW / CS-Z50UFEAW / CS-Z50UB4EAW / CS-Z50UD3EAW                                                                                                                                                                             | CU-2Z50TBE / CU-3Z52TBE /<br>CU-3Z68TBE / CU-4Z68TBE /<br>CU-4Z80TBE / CU-5Z90TBE                              |
| CS-TZ60WKEW / CS-Z60UB4EAW / CS-Z60UD3EAW                                                                                                                                                                                                                                                  | CU-3Z68TBE / CU-4Z68TBE /<br>CU-4Z80TBE / CU-5Z90TBE                                                           |
| CS-Z71VKEW / CS-TZ71WKEW                                                                                                                                                                                                                                                                   | CU-4Z80TBE / CU-5Z90TBE                                                                                        |

\* For CZ-MA3P necessary to use adaptor CZ-MA2P too.





**CZ-RD514C**  
Optional wired  
remote  
controller.

INTERNET CONTROL: Built-in WLAN.



| Wall-mounted Ethera | Indoor unit Silver | Indoor unit Pure White Matt | Cooling capacity | Heating capacity | Connection in. / out. | Sound pressure <sup>1)</sup>      | Dimension / Net weight | Piping connections             |
|---------------------|--------------------|-----------------------------|------------------|------------------|-----------------------|-----------------------------------|------------------------|--------------------------------|
|                     |                    |                             | kW               | kW               | mm <sup>2</sup>       | Cool — Heat (Hi/Lo/S-Lo)<br>dB(A) | HxWxD<br>mm / kg       | Liquid / Gas pipe<br>Inch (mm) |
| 1,6 kW              | —                  | CS-MZ16VKE                  | 1,60             | 2,60             | 4 x 1,5               | 38/26/21 — 39/27/21               | 295 x 919 x 194/9      | 1/4 (6,35) / 3/8 (9,52)        |
| 2,0 kW              | CS-XZ20VKEW        | CS-Z20VKEW                  | 2,00             | 3,20             | 4 x 1,5               | 39/26/21 — 40/27/21               | 295 x 919 x 194/9      | 1/4 (6,35) / 3/8 (9,52)        |
| 2,5 kW              | CS-XZ25VKEW        | CS-Z25VKEW                  | 2,50             | 3,60             | 4 x 1,5               | 41/27/21 — 43/29/21               | 295 x 919 x 194/10     | 1/4 (6,35) / 3/8 (9,52)        |
| 3,5 kW              | CS-XZ35VKEW        | CS-Z35VKEW                  | 3,20             | 4,50             | 4 x 1,5               | 44/30/21 — 45/35/21               | 295 x 919 x 194/10     | 1/4 (6,35) / 3/8 (9,52)        |
| 4,2 kW              | —                  | CS-Z42VKEW                  | 4,00             | 5,60             | 4 x 1,5               | 44/33/27 — 45/37/31               | 295 x 919 x 194/10     | 1/4 (6,35) / 1/2 (12,70)       |
| 5,0 kW              | CS-XZ50VKEW        | CS-Z50VKEW                  | 5,00             | 6,80             | 4 x 1,5               | 44/39/32 — 46/39/32               | 302 x 1120 x 236/12    | 1/4 (6,35) / 1/2 (12,70)       |
| 7,1 kW              | —                  | CS-Z71VKEW                  | 7,10             | 8,60             | —                     | 49/40/32 — 49/40/32               | 302 x 1120 x 236/13    | 1/4 (6,35) / 5/8 (15,88)       |



**CZ-RD514C**  
Optional wired  
remote  
controller.

**NEW  
2020**

INTERNET CONTROL:  
Built-in WLAN.



| NEW Wall-mounted TZ super-compact | Indoor unit | Cooling capacity | Heating capacity | Connection in. / out. | Sound pressure <sup>1)</sup>      | Dimension / Net weight | Piping connections             |
|-----------------------------------|-------------|------------------|------------------|-----------------------|-----------------------------------|------------------------|--------------------------------|
|                                   |             | kW               | kW               | mm <sup>2</sup>       | Cool — Heat (Hi/Lo/S-Lo)<br>dB(A) | HxWxD<br>mm / kg       | Liquid / Gas pipe<br>Inch (mm) |
| 1,6 kW*                           | CS-MTZ16WKE | 1,60             | 2,60             | 4 x 1,5               | 38/27/22 — 39/28/24               | 290 x 779 x 209/8      | 1/4 (6,35) / 3/8 (9,52)        |
| 2,0 kW                            | CS-TZ20WKEW | 2,00             | 2,70             | 4 x 1,5               | 37/25/20 — 38/26/22               | 290 x 779 x 209/8      | 1/4 (6,35) / 3/8 (9,52)        |
| 2,5 kW                            | CS-TZ25WKEW | 2,50             | 3,30             | 4 x 1,5               | 40/26/20 — 40/27/22               | 290 x 779 x 209/8      | 1/4 (6,35) / 3/8 (9,52)        |
| 3,5 kW <sup>2)</sup>              | CS-TZ35WKEW | 3,50             | 4,00             | 4 x 1,5               | 42/30/20 — 42/33/22               | 290 x 779 x 209/8      | 1/4 (6,35) / 3/8 (9,52)        |
| 4,2 kW                            | CS-TZ42WKEW | 4,20             | 5,00             | 4 x 1,5               | 44/31/29 — 44/35/34               | 290 x 779 x 209/8      | 1/4 (6,35) / 1/2 (12,70)       |
| 5,0 kW                            | CS-TZ50WKEW | 5,00             | 5,80             | 4 x 2,5               | 44/37/33 — 44/37/33               | 290 x 779 x 209/8      | 1/4 (6,35) / 1/2 (12,70)       |
| 6,0 kW                            | CS-TZ60WKEW | 6,00             | 7,00             | 4 x 2,5               | 45/37/34 — 45/37/34               | 302 x 1102 x 244/13    | 1/4 (6,35) / 1/2 (12,70)       |
| 7,1 kW                            | CS-TZ71WKEW | 7,10             | 8,60             | 4 x 2,5               | 47/38/35 — 47/38/35               | 302 x 1102 x 244/13    | 1/4 (6,35) / 5/8 (15,88)       |



**CZ-RD514C**  
Optional wired  
remote  
controller.

INTERNET CONTROL: Optional.



| Floor Console <sup>3)</sup> | Indoor unit | Cooling capacity | Heating capacity | Connection in. / out. | Sound pressure <sup>4)</sup>      | Dimension / Net weight | Piping connections             |
|-----------------------------|-------------|------------------|------------------|-----------------------|-----------------------------------|------------------------|--------------------------------|
|                             |             | kW               | kW               | mm <sup>2</sup>       | Cool — Heat (Hi/Lo/S-Lo)<br>dB(A) | HxWxD<br>mm / kg       | Liquid / Gas pipe<br>Inch (mm) |
| 2,0 kW                      | CS-MZ20UFEA | 2,00             | 3,20             | 4 x 1,5               | 39/27/22 — 39/27/21               | 600 x 750 x 207/13     | 1/4 (6,35) / 3/8 (9,52)        |
| 2,5 kW                      | CS-Z25UFEAW | 2,50             | 3,60             | 4 x 1,5               | 40/27/22 — 40/27/21               | 600 x 750 x 207/13     | 1/4 (6,35) / 3/8 (9,52)        |
| 3,5 kW <sup>2)</sup>        | CS-Z35UFEAW | 3,50             | 4,50             | 4 x 1,5               | 41/28/22 — 41/28/21               | 600 x 750 x 207/13     | 1/4 (6,35) / 3/8 (9,52)        |
| 5,0 kW                      | CS-Z50UFEAW | 5,00             | 5,30             | 4 x 1,5               | 44/33/29 — 48/35/31               | 600 x 750 x 207/13     | 1/4 (6,35) / 1/2 (12,70)       |



**CZ-BT20EW**  
RAL9010 panel for  
4 Way 60x60  
Cassette (sold  
separately).



**CZ-RD52CP**  
Optional wired  
remote  
controller.

INTERNET CONTROL and BMS CONNECTIVITY: Optional.



| 4 Way 60x60<br>Cassette | Indoor unit<br>(Panel CZ-BT20EW) | Cooling capacity | Heating capacity | Connection<br>in. / out. | Sound pressure <sup>6)</sup> | Dimension / Net weight |                    | Piping connections       |
|-------------------------|----------------------------------|------------------|------------------|--------------------------|------------------------------|------------------------|--------------------|--------------------------|
|                         |                                  |                  |                  |                          | Cool — Heat (Hi/Lo/S-Lo)     | Indoor H x W x D       | Panel H x W x D    | Liquid / Gas pipe        |
|                         |                                  | kW               | kW               | mm <sup>2</sup>          | dB(A)                        | mm / kg                | mm / kg            | Inch (mm)                |
| 2,0 kW                  | CS-MZ20UB4EA                     | 2,00             | 3,20             | 4 x 1,5                  | 35/27/24 — 36/30/27          | 260x575x575/18         | 51 x 700 x 700/2,5 | 1/4 (6,35) / 3/8 (9,52)  |
| 2,5 kW                  | CS-Z25UB4EAW                     | 2,50             | 3,60             | 4 x 1,5                  | 36/27/24 — 37/30/27          | 260x575x575/18         | 51 x 700 x 700/2,5 | 1/4 (6,35) / 3/8 (9,52)  |
| 3,5 kW <sup>2)</sup>    | CS-Z35UB4EAW                     | 3,50             | 4,50             | 4 x 1,5                  | 36/28/25 — 37/30/27          | 260x575x575/18         | 51 x 700 x 700/2,5 | 1/4 (6,35) / 3/8 (9,52)  |
| 5,0 kW <sup>5)</sup>    | CS-Z50UB4EAW                     | 5,00             | 6,80             | 4 x 1,5                  | 39/30/27 — 40/31/28          | 260x575x575/18         | 51 x 700 x 700/2,5 | 1/4 (6,35) / 1/2 (12,70) |
| 6,0 kW                  | CS-Z60UB4EAW                     | 6,00             | 8,50             | 4 x 1,5                  | 44/34/31 — 45/34/31          | 260x575x575/18         | 51 x 700 x 700/2,5 | 1/4 (6,35) / 1/2 (12,70) |



**CZ-RL511D**  
Optional  
wireless kit.

INTERNET CONTROL and BMS CONNECTIVITY: Optional.



| Low Static Pressure Hide Away | Indoor unit  | Cooling capacity | Heating capacity | Connection in. / out. | Sound pressure <sup>7)</sup>      | Dimension / Net weight | Piping connections             |
|-------------------------------|--------------|------------------|------------------|-----------------------|-----------------------------------|------------------------|--------------------------------|
|                               |              | kW               | kW               | mm <sup>2</sup>       | Cool — Heat (Hi/Lo/S-Lo)<br>dB(A) | HxWxD<br>mm / kg       | Liquid / Gas pipe<br>Inch (mm) |
| 2,0 kW                        | CS-MZ20UD3EA | 2,00             | 3,20             | 4 x 1,5               | 34/29/26 — 36/29/26               | 200 x 750 x 640/19     | 1/4 (6,35) / 3/8 (9,52)        |
| 2,5 kW                        | CS-Z25UD3EAW | 2,50             | 3,60             | 4 x 1,5               | 35/29/26 — 37/29/26               | 200 x 750 x 640/19     | 1/4 (6,35) / 3/8 (9,52)        |
| 3,5 kW <sup>2)</sup>          | CS-Z35UD3EAW | 3,50             | 4,50             | 4 x 1,5               | 35/29/26 — 37/29/26               | 200 x 750 x 640/19     | 1/4 (6,35) / 3/8 (9,52)        |
| 5,0 kW <sup>5)</sup>          | CS-Z50UD3EAW | 5,00             | 6,80             | 4 x 1,5               | 41/31/28 — 41/32/29               | 200 x 750 x 640/19     | 1/4 (6,35) / 1/2 (12,70)       |
| 6,0 kW                        | CS-Z60UD3EAW | 6,00             | 8,50             | 4 x 1,5               | 43/32/29 — 43/34/31               | 200 x 750 x 640/19     | 1/4 (6,35) / 1/2 (12,70)       |

1) The sound pressure of the indoor unit shows the value measured of a position 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 2) The heating capacity is 4,2 kW connected to a CU-Z235TBE. 3) Compatible only with 2 ports R32 outdoor CU-Z235TBE / CU-Z241TBE / CU-Z250TBE. Minimum quantity of connection: 2 indoor units. Floor console indoor unit is compatible with R410A outdoors with 3, 4 or 5 ports: CU-3E18PBE, CU-3E23SBE, CU-4E23PBE, CU-4E27PBE and CU-5E34PBE. 4) The sound pressure of the units shows the value measured of a position 1 m in front of the main body and 1 m above floor. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 5) The heating capacity is 5,3 kW connected to a CU-Z250TBE. 6) The sound pressure of the indoor unit shows the value measured of a position 1,5 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed. 7) The sound pressure of the indoor unit shows the value measured of a position of 1,5 m below the unit with 1 m duct on the suction side and 2 m duct on the discharge side. The sound pressure is measured in accordance with JIS C 9612. \* Tentative data.

## High performance and healthy air

 nanoe™ X. Quality air for life. Panasonic's latest innovation nanoe™ X promotes well-being by inhibiting growth of certain harmful viruses and bacteria, as well as deodorising your home.

 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.

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

 More comfort with Aerowings. Direct airflow to the ceiling, creating a shower cooling effect with built-in twin flap.

 Down to -10 °C in cooling mode. The air conditioner works in cooling mode when the outdoor temperature of -10 °C.

 Down to -15 °C in heating mode. The air conditioner works in heat pump mode when the outdoor temperature is as low as -15 °C.

 R410A/R22 renewal. 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.

## Energy saving

 Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP). An important step to reduce greenhouse gases. R32 is also a component refrigerant, making it easy to recycle.

 Inverter Plus. Inverter Plus System classification highlights Panasonic's highest performing systems.

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

## High connectivity

 Internet control. A next generation system providing user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android™ or iOS smartphone, tablet or PC via the internet.

 Domestic integration to P-Link - CZ-CAPRA1. Can connect RAC range to P-Link. Full control is now possible.

 BMS connectivity. 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.

| Outdoor unit features                | SEER                                                                                   | SCOP                                                                                   | Inverter+ system                                                                    | R2 Rotary Compressor                                                                | Down to -10°C in cooling only                                                       | Down to -15°C in heating mode                                                         | R410A/R22 Renewal                                                                     |
|--------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                      |  1) |  1) |  |  |  |  |  |
| CU-2Z35TBE / CU-2Z41TBE / CU-2Z50TBE | 8,50 A+++                                                                              | 4,60 A++                                                                               | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     |
| CU-3Z52TBE / CU-3Z68TBE              | 8,50 A+++<br>8,00 A++                                                                  | 4,20 A+                                                                                | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     |
| CU-4Z68TBE / CU-4Z80TBE              | 8,00 A++<br>7,90 A++                                                                   | 4,20 A+<br>4,70 A++                                                                    | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     |
| CU-5Z90TBE                           | 8,50 A+++                                                                              | 4,68 A++                                                                               | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     |

| Indoor unit features          | nanoe™X                                                                             | PM2,5 Filter                                                                        | Aerowings                                                                           | Super Quiet*                                                                         | Internet Control                                                                      | Easy control by BMS (Optional)                                                        |
|-------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                               |  |  |  |  |  |  |
| Wall Mounted Etherea          | ✓                                                                                   |                                                                                     | ✓                                                                                   | ✓ 21dB(A) for MZ16, XZ/Z20, XZ/Z25 and XZ/Z35                                        | ✓                                                                                     | ✓                                                                                     |
| Wall Mounted TZ Compact Style |                                                                                     | ✓                                                                                   | ✓                                                                                   | ✓ 22dB(A) for MTZ16, TZ20/25/35                                                      | ✓                                                                                     | ✓                                                                                     |
| Floor Console                 | ✓                                                                                   |                                                                                     |                                                                                     | ✓ 20dB(A) for Z25/35                                                                 | Optional                                                                              | ✓                                                                                     |
| 4-Way 60x60 Cassette          |                                                                                     |                                                                                     |                                                                                     | ✓ 22dB(A) for Z25                                                                    | Optional                                                                              | ✓                                                                                     |
| Low Static Pressure Hide Away |                                                                                     |                                                                                     |                                                                                     |                                                                                      | Optional                                                                              | ✓                                                                                     |

\* At the lowest fan speed. 1) Energy Label Scale from A+++ to D

# Panasonic®

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