



### Compact and lightweight design to fit every building type

- The multi-split system offers greater installation versatility and space-saving choices for condominium with limited free space.

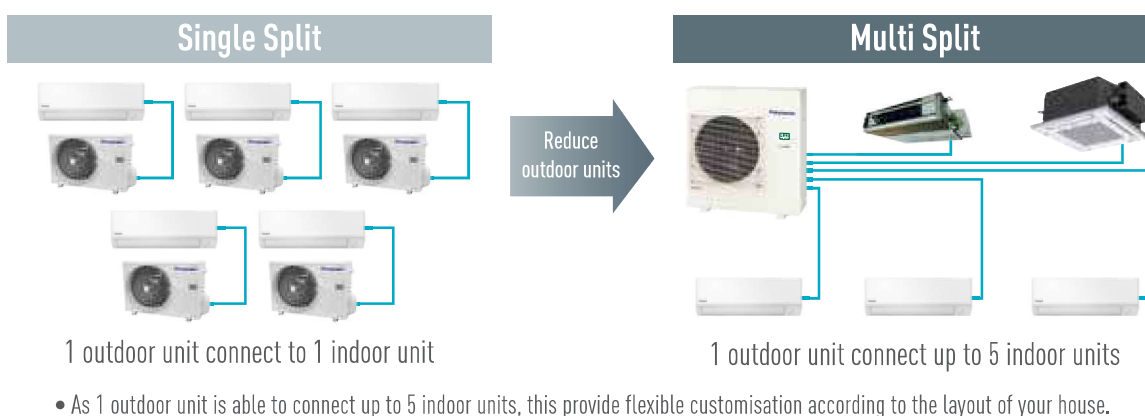


# Multi-Split Air Conditioning System

Panasonic's multi-split air conditioning systems are designed to provide more space saving installation for outdoor units. A neater alternative to preserve the exterior appearance of buildings such as condominiums, single and multi-storey residences.

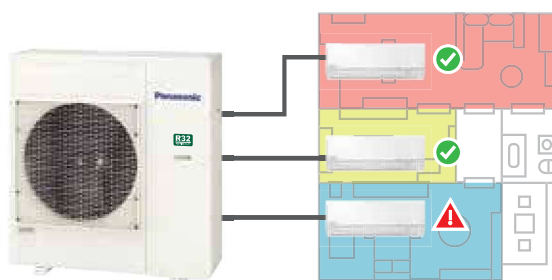
## Space Saving

Space-saving installation with less outdoor units required



## Independent Operation Control

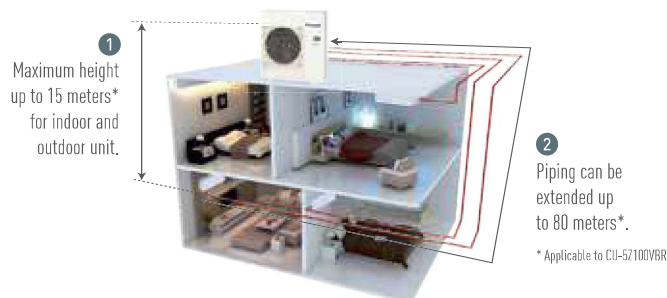
Outdoor unit connects to each indoor unit independently



- Able to adjust the operation settings for each indoor unit separately. If one indoor unit is malfunctions, other indoor units can continue to operate by provide cooling comfort to the rooms.

## Flexible Installation

The multi-split system accommodates long pipelines up to 80 meters



- Flexible arrangement and installation of indoor and outdoor units based on the room condition, location and installation convenience of the site.

**NEW****WALL-MOUNTED – AERO Z SERIES**

Wireless Remote Controller Included



CZ-RD614C Wired Remote Controller (Optional)

| Model No | CS-Z20XKRW | CS-Z25XKRW-1 | CS-Z35XKRW | CS-Z42XKRW          |
|----------|------------|--------------|------------|---------------------|
| Capacity | 2.0kW      | 2.5kW        | 3.5kW      | 4.2kW <sup>*1</sup> |

| Model No | CS-Z50XKRW          | CS-Z50XKRW-1        | CS-Z60XKRW-1        | CS-Z71XKRW            |
|----------|---------------------|---------------------|---------------------|-----------------------|
| Capacity | 5.0kW <sup>*1</sup> | 5.0kW <sup>*1</sup> | 6.0kW <sup>*2</sup> | 7.1kW <sup>*2*3</sup> |

**NEW****WALL-MOUNTED – DEVELOPER RZ SERIES**

Wireless Remote Controller Included



CZ-RD614C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor<sup>®</sup> (Optional)

| Model No | CS-MRZ16WKR | CS-MRZ20WKR | CS-RZ25XKRW | CS-RZ35XKRW |
|----------|-------------|-------------|-------------|-------------|
| Capacity | 1.6kW       | 2.0kW       | 2.5kW       | 3.5kW       |

| Model No | CS-RZ42XKRW         | CS-RZ50XKRW         | CS-RZ60XKRW         | CS-RZ71XKRW           |
|----------|---------------------|---------------------|---------------------|-----------------------|
| Capacity | 4.2kW <sup>*1</sup> | 5.0kW <sup>*1</sup> | 6.0kW <sup>*2</sup> | 7.1kW <sup>*2*3</sup> |

**ULTRA SLIM DUCTED**

Wired Remote Controller Included

CZ-TACG1 Network Adaptor<sup>®</sup> (Optional)

| Model No | CS-Z25UD3RAW | CS-Z35UD3RAW | CS-Z50UD3RAW        | CS-Z60UD3RAW        |
|----------|--------------|--------------|---------------------|---------------------|
| Capacity | 2.5kW        | 3.5kW        | 5.0kW <sup>*1</sup> | 6.0kW <sup>*2</sup> |

**NEW****MINI CASSETTE WITH nanoe™ X**

Panel CZ-KPY4



CZ-RWS3 + CZ-RWRY3 Wireless Remote Controller (Optional)



CZ-RTC5B Wired Remote Controller (Optional)



CZ-RTC4 Wired Remote Controller (Optional)

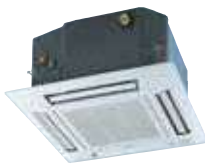


CZ-RTC6BLW / CZ-RTC6BLW CONEX Wired Remote Controller (Optional)

CZ-CAPWFC1 Network Adaptor<sup>®</sup> (Optional)

CZ-CENSC1 ECONAVI Sensor Ready (Optional)

| Model No | S-25PY3E            | S-36PY3E            | S-50PY3E            | S-60PY3E            |
|----------|---------------------|---------------------|---------------------|---------------------|
| Capacity | 2.5kW <sup>*1</sup> | 3.5kW <sup>*1</sup> | 5.0kW <sup>*1</sup> | 6.0kW <sup>*2</sup> |

**MINI CASSETTE**

Panel CZ-BT30EW



Wireless Remote Controller Included



CZ-RD62CP Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor<sup>®</sup> (Optional)

| Model No | CS-Z25UB4RAW | CS-Z35UB4RAW | CS-Z50UB4RAW        | CS-Z60UB4RAW        |
|----------|--------------|--------------|---------------------|---------------------|
| Capacity | 2.5kW        | 3.5kW        | 5.0kW <sup>*1</sup> | 6.0kW <sup>*2</sup> |

**PREMIER SERIES FLOOR CONSOLE**

Wireless Remote Controller Included



CZ-RD614C Wired Remote Controller (Optional)

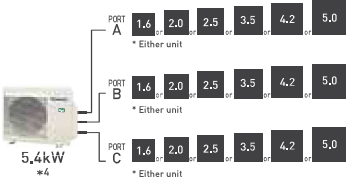
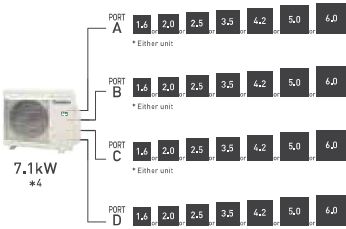
CZ-TACG1 Network Adaptor<sup>®</sup> (Optional)

| Model No | CS-Z25UFRAW | CS-Z35UFRAW | CS-Z50UFRAW         |
|----------|-------------|-------------|---------------------|
| Capacity | 2.5kW       | 3.5kW       | 5.0kW <sup>*1</sup> |

<sup>\*1</sup> CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8". <sup>\*2</sup> CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".

<sup>\*3</sup> CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2". <sup>\*4</sup> To enable demand response management, an optional accessory needs to be installed (CZ-CAP2).

<sup>\*5</sup> To connect Panasonic Comfort Cloud App, the CZ-TACG1 accessory is required for DEVELOPER RZ SERIES, FLOOR CONSOLE, SLIM DUCTED and MINI CASSETTE, and CZ-RTC6BLW or CZ-CAPWFC1 is required for MINI CASSETTE WITH nanoe™ X. Built-in Wi-Fi is only available for AERO Z SERIES model. Function availability may vary depending on models.

| MODEL               |                                                                                                                                                                                                                                                                                                                                                                                     | Indoor Units<br>Combination<br>Range | Refrigerant Pipe Diameter |                        |                     | Pipe Extension                        |                                      |                                 |                   |                   | Indoor Unit Combinations       |                  |          |                         |                  |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|------------------------|---------------------|---------------------------------------|--------------------------------------|---------------------------------|-------------------|-------------------|--------------------------------|------------------|----------|-------------------------|------------------|
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Indoor<br>Unit            | Liquid<br>Side<br>(mm) | Gas<br>Side<br>(mm) | Maximum<br>Pipe<br>Length<br>(1 room) | Maximum<br>Pipe<br>Length<br>(Total) | Maximum<br>Chargeless<br>Length | Additional<br>Gas | Maximum<br>Height | Type<br>Capacity<br>[kW class] | Wall-<br>Mounted | Cassette | Ultra<br>Slim<br>Ducted | Floor<br>Console |
| Up to<br>2<br>rooms | <div>CU-2Z52VBR</div> <div>INDOOR UNITS: Possible Combination Patterns</div> <div>Must be within capacity range</div> <div></div> <div>5.2kW<br/>*4</div> <div>Dimensions [HxWxD]:<br/>619 x 824(+70) x 299 mm<br/>Weight: 39 kg</div> <div>* At least two indoor units must be connected.</div>   | 3.2 to<br>7.7 kW                     | Room<br>A                 | ø 6.35                 | ø 9.52              | 20 m                                  | 30 m                                 | 20 m                            | 15 g/m            | 10 m              | 1.6                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.0                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.5                            | ●                | ●        | ●                       | ●                |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>B                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 3.5                            | ●                | ●        | ●                       | ●                |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 4.2                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 5.0                            | ●                | ●        | ●                       | ●                |
| Up to<br>3<br>rooms | <div>CU-3Z54VBR</div> <div>INDOOR UNITS: Possible Combination Patterns</div> <div>Must be within capacity range</div> <div></div> <div>5.4kW<br/>*4</div> <div>Dimensions [HxWxD]:<br/>795 x 875(+95) x 320 mm<br/>Weight: 71 kg</div> <div>* At least two indoor units must be connected.</div>   | 4.5 to<br>9.5 kW                     | Room<br>A                 | ø 6.35                 | ø 9.52              | 25 m                                  | 50 m                                 | 30 m                            | 20 g/m            | 15 m              | 1.6                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.0                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>B                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 2.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 3.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 4.2                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>C                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 5.0                            | ●                | ●        | ●                       |                  |
| Up to<br>4<br>rooms | <div>CU-4Z71VBR</div> <div>INDOOR UNITS: Possible Combination Patterns</div> <div>Must be within capacity range</div> <div></div> <div>7.1kW<br/>*4</div> <div>Dimensions [HxWxD]:<br/>795 x 875(+95) x 320 mm<br/>Weight: 72 kg</div> <div>* At least two indoor units must be connected.</div> | 4.5 to<br>11.5 kW                    | Room<br>A                 | ø 6.35                 | ø 9.52              | 25 m                                  | 60 m                                 | 30 m                            | 20 g/m            | 15 m              | 1.6                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.0                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>B                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 2.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 3.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 4.2                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>C                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 5.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 6.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                                     |                                      | Room<br>D                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   |                                |                  |          |                         |                  |

\*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2)

## OUTDOOR UNIT



Up to 2 rooms



CU-2Z52VBR

Up to 3 rooms

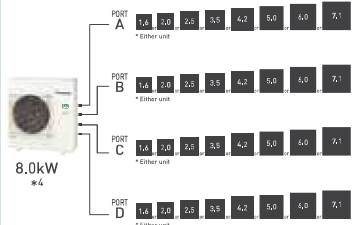
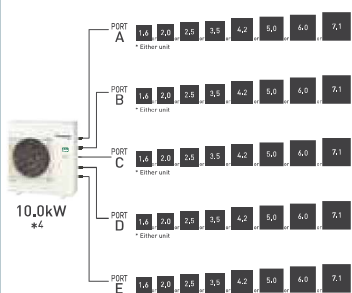


CU-3Z54VBR

Up to 4 rooms



CU-4Z71VBR

| MODEL               |                                                                                                                                                                                                                                                                                                                                                                               | Indoor Units<br>Combination<br>Range | Refrigerant Pipe Diameter |                        |                     | Pipe Extension                        |                                      |                                 |                   |                   | Indoor Unit Combinations       |                  |          |                         |                  |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------|------------------------|---------------------|---------------------------------------|--------------------------------------|---------------------------------|-------------------|-------------------|--------------------------------|------------------|----------|-------------------------|------------------|
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Indoor<br>Unit            | Liquid<br>Side<br>(mm) | Gas<br>Side<br>(mm) | Maximum<br>Pipe<br>Length<br>(1 room) | Maximum<br>Pipe<br>Length<br>(Total) | Maximum<br>Chargeless<br>Length | Additional<br>Gas | Maximum<br>Height | Type<br>Capacity<br>(kW class) | Wall-<br>Mounted | Cassette | Ultra<br>Slim<br>Ducted | Floor<br>Console |
| Up to<br>4<br>rooms | <div>CU-4Z80VBR</div> <div>INDOOR UNITS: Possible Combination Patterns</div> <div>Must be within capacity range</div> <div></div> <div>8.0kW<br/>*4</div> <div>Dimensions (HxWxD):<br/>999 x 940 x 340 mm<br/>Weight: 80 kg</div> <div>At least two indoor units must be connected.</div>    | 4.5 to<br>14.7 kW                    | Room<br>A                 | ø 6.35                 | ø 9.52              | 25 m                                  | 70 m                                 | 45 m                            | 20 g/m            | 15 m              | 1.6                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>B                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 2.0                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 3.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>C                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 4.2                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 5.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 6.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>D                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 7.1                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   |                                |                  |          |                         |                  |
| Up to<br>5<br>rooms | <div>CU-5Z100VBR</div> <div>INDOOR UNITS: Possible Combination Patterns</div> <div>Must be within capacity range</div> <div></div> <div>10.0kW<br/>*4</div> <div>Dimensions (HxWxD):<br/>999 x 940 x 340 mm<br/>Weight: 81 kg</div> <div>At least two indoor units must be connected.</div> | 4.5 to<br>18.3 kW                    | Room<br>A                 | ø 6.35                 | ø 9.52              | 25 m                                  | 80 m                                 | 45 m                            | 20 g/m            | 15 m              | 1.6                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>B                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 2.0                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 2.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 3.5                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>C                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 4.2                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 5.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   | 6.0                            | ●                | ●        | ●                       |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      | Room<br>D                 | ø 6.35                 | ø 9.52              |                                       |                                      |                                 |                   |                   | 7.1                            | ●                |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   |                                |                  |          |                         |                  |
| Room<br>E           | ø 6.35                                                                                                                                                                                                                                                                                                                                                                        | ø 9.52                               |                           |                        |                     |                                       |                                      |                                 |                   |                   |                                |                  |          |                         |                  |
|                     |                                                                                                                                                                                                                                                                                                                                                                               |                                      |                           |                        |                     |                                       |                                      |                                 |                   |                   |                                |                  |          |                         |                  |

\*4 To enable demand response management, an optional accessory needs to be installed [CZ-CAP2]

## ACCESSORIES



CZ-MA1PA

\*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".



CZ-MA2PA

\*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".



CZ-MA3PA

\*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".



CZ-CAP2

\*4 Demand response module CZ-CAP2.

## OUTDOOR UNIT



Up to 4 rooms



CU-4Z80VBR

Up to 5 rooms



CU-5Z100VBR

INDOOR UNIT

| MODEL                           |                 |       | WALL-MOUNTED (AERO Z SERIES) |              |            |                      |                      |                      |                       |                        |
|---------------------------------|-----------------|-------|------------------------------|--------------|------------|----------------------|----------------------|----------------------|-----------------------|------------------------|
|                                 |                 |       | CS-Z20XKRW                   | CS-Z25XKRW-1 | CS-Z35XKRW | CS-Z42XKRW           | CS-Z50XKRW           | CS-Z50XKRW-1         | CS-Z60XKRW-1          | CS-Z71XKRW             |
| Capacity                        |                 | kW    | 2.0                          | 2.5          | 3.5        | 4.2                  | 5.0                  | 5.0                  | 6.0                   | 7.1                    |
| Power Source                    |                 |       | Single Phase 240V, 50Hz      |              |            |                      |                      |                      |                       |                        |
| Sound Pressure Level (H/L/Q-Lo) | Cooling         | dB[A] | 40/26/21                     | 42/27/21     | 46/28/21   | 46/33/30             | 46/36/30             | 49/36/33             | 50/38/35              | 51/39/36               |
|                                 | Heating         |       | 41/27/23                     | 42/29/23     | 46/31/24   | 46/34/30             | 46/36/30*            | 49/35/31             | 50/37/34              | 51/39/36               |
| Sound Power Level (H/L/Q-Lo)    | Cooling         | dB[A] | 56/42/37                     | 58/43/37     | 62/44/37   | 62/49/46             | 62/52/46             | 65/52/49             | 66/54/51              | 67/55/52               |
|                                 | Heating         |       | 57/43/39                     | 58/45/39     | 62/47/40   | 62/50/46             | 62/52/46*            | 65/51/47             | 66/53/50              | 67/55/52               |
| Airflow                         | Cooling/Heating | L/s   | 178/195                      | 188/200      | 193/202    | 193/202              | 208/228              | 328/328              | 337/358               | 352/367                |
| Dimensions                      | Height          | mm    | 290                          | 290          | 290        | 290                  | 290                  | 295                  | 295                   | 295                    |
|                                 | Width           | mm    | 779                          | 779          | 779        | 779                  | 779                  | 1,040                | 1,040                 | 1,040                  |
|                                 | Depth           | mm    | 209                          | 209          | 209        | 209                  | 209                  | 244                  | 244                   | 244                    |
| Net Weight                      |                 | kg    | 8                            | 8            | 8          | 8                    | 8                    | 12                   | 13                    | 13                     |
| Refrigerant Pipe Diameter       | Liquid Side     | mm    | ø 6.35                       | ø 6.35       | ø 6.35     | ø 6.35               | ø 6.35               | ø 6.35               | ø 6.35                | ø 6.35                 |
|                                 | Gas Side        | mm    | ø 9.52                       | ø 9.52       | ø 9.52     | ø 9.52 <sup>*1</sup> | ø 9.52 <sup>*1</sup> | ø 9.52 <sup>*1</sup> | ø 12.70 <sup>*2</sup> | ø 12.70 <sup>*2*</sup> |

\*For connection to CU-2252VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

| MODEL                           |                 |       | WALL-MOUNTED (DEVELOPER RZ SERIES) |             |             |             |                      |                      |                       |                        |
|---------------------------------|-----------------|-------|------------------------------------|-------------|-------------|-------------|----------------------|----------------------|-----------------------|------------------------|
|                                 |                 |       | CS-MRZ16WKR                        | CS-MRZ20WKR | CS-RZ25XKRW | CS-RZ35XKRW | CS-RZ42XKRW          | CS-RZ50XKRW          | CS-RZ60XKRW           | CS-RZ71XKRW            |
| Capacity                        |                 | kW    | 1.6                                | 2.0         | 2.5         | 3.5         | 4.2                  | 5.0                  | 6.0                   | 7.1                    |
| Power Source                    |                 |       | Single Phase 240V, 50Hz            |             |             |             |                      |                      |                       |                        |
| Sound Pressure Level (H/L/Q-Lo) | Cooling         | dB[A] | 41/27/24                           | 42/27/24    | 42/27/21    | 46/28/21    | 46/33/30             | 46/36/30             | 49/38/35              | 51/39/36               |
|                                 | Heating         |       | 41/29/26                           | 42/29/26    | 42/29/23    | 46/31/24    | 46/34/30             | 46/36/30*            | 50/38/35              | 51/39/36               |
| Sound Power Level (H/L/Q-Lo)    | Cooling         | dB[A] | 57/43/40                           | 58/43/40    | 58/43/37    | 62/44/37    | 62/49/46             | 62/52/46             | 65/54/51              | 67/55/52               |
|                                 | Heating         |       | 57/45/42                           | 58/45/42    | 58/45/39    | 62/47/40    | 62/50/46             | 62/52/46*            | 66/54/51              | 67/55/52               |
| Airflow                         | Cooling/Heating | L/s   | 183/193                            | 188/198     | 188/200     | 193/202     | 193/202              | 208/228              | 328/338               | 352/367                |
| Dimensions                      | Height          | mm    | 290                                | 290         | 290         | 290         | 290                  | 290                  | 295                   | 295                    |
|                                 | Width           | mm    | 779                                | 779         | 779         | 779         | 779                  | 779                  | 1,040                 | 1,040                  |
|                                 | Depth           | mm    | 209                                | 209         | 209         | 209         | 209                  | 209                  | 244                   | 244                    |
| Net Weight                      |                 | kg    | 8                                  | 8           | 8           | 8           | 8                    | 8                    | 12                    | 13                     |
| Refrigerant Pipe Diameter       | Liquid Side     | mm    | ø 6.35                             | ø 6.35      | ø 6.35      | ø 6.35      | ø 6.35               | ø 6.35               | ø 6.35                | ø 6.35                 |
|                                 | Gas Side        | mm    | ø 9.52                             | ø 9.52      | ø 9.52      | ø 9.52      | ø 9.52 <sup>*1</sup> | ø 9.52 <sup>*1</sup> | ø 12.70 <sup>*2</sup> | ø 12.70 <sup>*2*</sup> |

\*For connection to CU-2252VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

| MODEL                      |                 |       | MINI CASSETTE WITH nanoe™ X |                      |                      |                       | MINI CASSETTE |              |                      |                       |
|----------------------------|-----------------|-------|-----------------------------|----------------------|----------------------|-----------------------|---------------|--------------|----------------------|-----------------------|
|                            |                 |       | S-25PY3E                    | S-36PY3E             | S-50PY3E             | S-60PY3E              | CS-Z25UB4RAW  | CS-Z35UB4RAW | CS-Z50UB4RAW         | CS-Z60UB4RAW          |
| Capacity                   |                 | kW    | 2.5                         | 3.5                  | 5.0                  | 6.0                   | 2.5           | 3.5          | 5.0                  | 6.0                   |
| Power Source               |                 |       | Single Phase 240V, 50Hz     |                      |                      |                       |               |              |                      |                       |
| Sound Pressure Level (H/L) | Cooling         | dB[A] | 33/27                       | 36/27                | 41/29                | 45/33                 | 36/27         | 36/28        | 40/30                | 45/34                 |
|                            | Heating         |       | 33/27                       | 36/27                | 41/29                | 45/33                 | 37/30         | 39/30        | 41/31                | 47/34                 |
| Sound Power Level (H)      | Cooling         | dB[A] | 48                          | 51                   | 56                   | 60                    | 52            | 52           | 56                   | 61                    |
|                            | Heating         |       | 48                          | 51                   | 56                   | 60                    | 53            | 55           | 57                   | 63                    |
| Airflow                    | Cooling/Heating | L/s   | 142/142                     | 158/158              | 200/200              | 233/233               | 175/180       | 175/195      | 192/197              | 237/253               |
| Dimensions                 | Height          | mm    | 243                         | 243                  | 243                  | 243                   | 260           | 260          | 260                  | 260                   |
|                            | Width           | mm    | 575                         | 575                  | 575                  | 575                   | 575           | 575          | 575                  | 575                   |
|                            | Depth           | mm    | 575                         | 575                  | 575                  | 575                   | 575           | 575          | 575                  | 575                   |
| Net Weight                 |                 | kg    | 15                          | 15                   | 15                   | 15                    | 18            | 18           | 18                   | 18                    |
| Refrigerant Pipe Diameter  | Liquid Side     | mm    | ø 6.35                      | ø 6.35               | ø 6.35               | ø 6.35                | ø 6.35        | ø 6.35       | ø 6.35               | ø 6.35                |
|                            | Gas Side        | mm    | ø 9.52 <sup>*1</sup>        | ø 9.52 <sup>*1</sup> | ø 9.52 <sup>*1</sup> | ø 12.70 <sup>*2</sup> | ø 9.52        | ø 9.52       | ø 9.52 <sup>*1</sup> | ø 12.70 <sup>*2</sup> |

\*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".

\*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".

\*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".

## INDOOR UNIT

| MODEL                      |                 |       | ULTRA SLIM DUCTED       |              |                      |                       | FLOOR CONSOLE |             |                      |
|----------------------------|-----------------|-------|-------------------------|--------------|----------------------|-----------------------|---------------|-------------|----------------------|
|                            |                 |       | CS-Z25UD3RAW            | CS-Z35UD3RAW | CS-Z50UD3RAW         | CS-Z60UD3RAW          | CS-Z25UFRAW   | CS-Z35UFRAW | CS-Z50UFRAW          |
| Capacity                   | kW              |       | 2.5                     | 3.5          | 5.0                  | 6.0                   | 2.5           | 3.5         | 5.0                  |
| Power Source               |                 |       | Single Phase 240V, 50Hz |              |                      |                       |               |             |                      |
| Sound Pressure Level (H/L) | Cooling         | dB(A) | 35/29                   | 35/28        | 41/31                | 43/32                 | 40/27         | 41/28       | 46/33                |
|                            | Heating         |       | 36/29                   | 37/29        | 41/32                | 43/34                 | 40/27         | 41/27       | 48/35                |
| Sound Power Level (H)      | Cooling         | dB(A) | 51                      | 51           | 57                   | 59                    | 56            | 57          | 62                   |
|                            | Heating         |       | 52                      | 53           | 57                   | 59                    | 56            | 57          | 64                   |
| Airflow                    | Cooling/Heating | L/s   | 175/175                 | 187/187      | 255/255              | 262/262               | 163/173       | 170/182     | 198/227              |
| Dimensions                 | Height          | mm    | 200                     | 200          | 200                  | 200                   | 600           | 600         | 600                  |
|                            | Width           | mm    | 750                     | 750          | 750                  | 750                   | 750           | 750         | 750                  |
|                            | Depth           | mm    | 640                     | 640          | 640                  | 640                   | 207           | 207         | 207                  |
| Net Weight                 |                 | kg    | 19                      | 19           | 19                   | 19                    | 13            | 13          | 13                   |
| Refrigerant Pipe Diameter  | Liquid Side     | mm    | ø 6.35                  | ø 6.35       | ø 6.35               | ø 6.35                | ø 6.35        | ø 6.35      | ø 6.35               |
|                            | Gas Side        | mm    | ø 9.52                  | ø 9.52       | ø 9.52 <sup>*1</sup> | ø 12.70 <sup>*2</sup> | ø 9.52        | ø 9.52      | ø 9.52 <sup>*1</sup> |

## OUTDOOR UNIT

| MODEL                          |                       |       | (50Hz) | CU-Z252VBR              | CU-Z354VBR       | CU-Z771VBR        | CU-Z800VBR        | CU-Z7100VBR        |
|--------------------------------|-----------------------|-------|--------|-------------------------|------------------|-------------------|-------------------|--------------------|
| Power Source                   |                       |       |        | Single Phase 240V, 50Hz |                  |                   |                   |                    |
| Cooling Operation              | Capacity (min-max)    | kW    |        | 5.20 [1.50-6.00]        | 5.40 [1.80-7.30] | 7.10 [1.90-8.80]  | 8.00 [2.30-9.20]  | 10.00 [2.30-11.50] |
| Maximum Connectable Capacity   |                       |       | kW     | 7.7                     | 9.5              | 11.5              | 14.7              | 18.3               |
| Maximum Connectable Indoors    |                       |       | Units  | 2                       | 3                | 4                 | 4                 | 5                  |
| Electrical Data                | Running Current       | A     |        | 5.9                     | 5.1              | 7.4               | 8.9               | 11.8               |
|                                | Power Input (min-max) | kW    |        | 1.35 [0.25-1.62]        | 1.12 [0.36-2.18] | 1.66 [0.34-2.47]  | 1.98 [0.42-2.87]  | 2.60 [0.43-3.59]   |
|                                | AEER/EER              | W/W   |        | 3.79 / 3.85             | 4.74 / 4.82      | 4.23 / 4.28       | 4.00 / 4.04       | 3.81 / 3.85        |
| Noise (H)                      | Sound Pressure Level  | dB(A) |        | 51                      | 48               | 49                | 51                | 53                 |
|                                | Sound Power Level     | dB(A) |        | 66                      | 62               | 63                | 67                | 69                 |
| Heating Operation              | Capacity              | kW    |        | 6.10 (1.10-7.20)        | 7.00 (1.60-9.00) | 8.50 (3.00-10.70) | 9.40 (3.00-11.60) | 12.00 (3.40-14.50) |
| Electrical Data                | Running Current       | A     |        | 6.2                     | 6.8              | 8.6               | 9.3               | 12.1               |
|                                | Power Input (min-max) | kW    |        | 1.43 (0.21-1.90)        | 1.54 (0.32-2.63) | 1.95 (0.50-2.72)  | 2.03 (0.50-3.42)  | 2.76 (0.58-4.02)   |
|                                | ACOP/COP              | W/W   |        | 4.21 / 4.27             | 4.49 / 4.55      | 4.32 / 4.36       | 4.58 / 4.63       | 4.31 / 4.35        |
| Noise (H)                      | Sound Pressure Level  | dB(A) |        | 53                      | 49               | 51                | 52                | 56                 |
|                                | Sound Power Level     | dB(A) |        | 68                      | 63               | 65                | 68                | 72                 |
| Maximum Current                |                       |       | A      | 11.5                    | 15.2             | 15.6              | 19.0              | 21.3               |
| Starting Current               |                       |       | A      | 6.4                     | 7.0              | 8.8               | 9.7               | 12.5               |
| Compressor Output              |                       |       | W      | 900                     | 1300             | 1300              | 1700              | 1700               |
|                                | Height                | mm    |        | 619                     | 795              | 795               | 999               | 999                |
| Dimensions                     | Width                 | mm    |        | 824 (+70)               | 875 (+95)        | 875 (+95)         | 940               | 940                |
|                                | Depth                 | mm    |        | 299                     | 320              | 320               | 340               | 340                |
| Net Weight                     |                       |       | kg     | 39                      | 71               | 72                | 80                | 81                 |
| Power Supply                   |                       |       |        | Outdoor                 | Outdoor          | Outdoor           | Outdoor           | Outdoor            |
| Pipe Length Range (1 room)     |                       |       | m      | 3~20                    | 3~25             | 3~25              | 3~25              | 3~25               |
| Maximum Pipe Length (Total) ** |                       |       | m      | 30                      | 50               | 60                | 70                | 80                 |
| Refrigerant Pipe Diameter      | Liquid Side           | mm    |        | ø 6.35                  | ø 6.35           | ø 6.35            | ø 6.35            | ø 6.35             |
|                                | Gas Side              | mm    |        | ø 9.52                  | ø 9.52           | ø 9.52            | ø 9.52            | ø 9.52             |
| Operating Range                | Cooling               | [°C]  |        | -10~+46                 | -10~+46          | -10~+46           | -10~+46           | -10~+46            |
|                                | Heating               | [°C]  |        | -15~+24**               | -15~+24**        | -15~+24**         | -15~+24**         | -15~+24**          |

\*\* Additional Gas might be required for some models. Refer to Page 32 for information on Additional Gas.

## Rating Conditions

|                         |                  |                |
|-------------------------|------------------|----------------|
|                         | Cooling          | Heating        |
| Inside air temperature  | 27°C DB /19°C WB | 20°C DB        |
| Outside air temperature | 35°C DB          | 7°C DB /6°C WB |