

## Specifications of R32 Compact Model

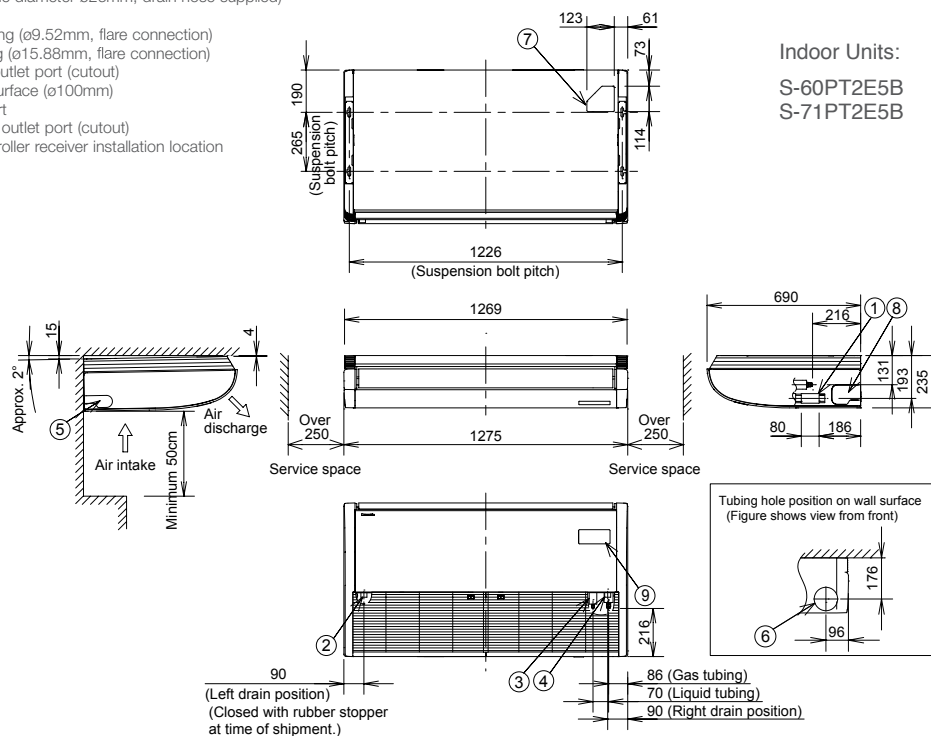


| Capacity                                                   |                   |          | 6.0kW                                              | 7.1kW                                              | 10.0kW                                               |
|------------------------------------------------------------|-------------------|----------|----------------------------------------------------|----------------------------------------------------|------------------------------------------------------|
| Model Name                                                 | Indoor Unit       |          | S-60PT2E5B                                         | S-71PT2E5B                                         | S-100PT2E5B                                          |
|                                                            | Outdoor Unit      |          | U-60PZ2R5                                          | U-71PZ2R5                                          | U-100PZ2R5                                           |
| Cooling capacity :<br>Heating capacity                     |                   | kW       | 6.0(2.0-7.1)<br>6.0(1.8-7.6)                       | 7.1(2.0-8.0)<br>7.1(1.8-8.6)                       | 10.0(3.0-11.5)<br>10.0(3.0-14.0)                     |
|                                                            |                   | BTU/h    | 20,500 (6,800 - 24,200)<br>20,500 (6,100 - 25,900) | 24,200 (6,800 - 27,300)<br>24,200 (6,800 - 29,300) | 34,100 (10,200 - 39,200)<br>34,100 (10,200 - 47,800) |
| EER : COP                                                  | Cooling : Heating | W/W      | 4.05 : 4.80                                        | 3.68 : 4.38                                        | 3.64 : 4.24                                          |
| Total power input                                          | Cooling : Heating | kW       | 1.48 : 1.25                                        | 1.93 : 1.62                                        | 2.75 : 2.36                                          |
| <b>Indoor Unit</b>                                         |                   |          |                                                    |                                                    |                                                      |
| Power source                                               |                   | Phase/Hz | 1 Phase/ 50Hz                                      | 1 Phase/ 50Hz                                      | 1 Phase/ 50Hz                                        |
|                                                            |                   | V        | 240V                                               | 240V                                               | 240V                                                 |
| Current                                                    | Cooling : Heating | A        | 0.40 : 0.40                                        | 0.43 : 0.43                                        | 0.65 : 0.65                                          |
| Dimensions                                                 | H x W x D         | mm       | 235x1,275 x 690                                    | 235 x 1,275 x 690                                  | 235 x 1,590 x 690                                    |
| Net weight                                                 |                   | kg       | 33                                                 | 33                                                 | 40                                                   |
| Air volume                                                 | Cooling : Heating | L/s      | 333 : 333                                          | 350 : 350                                          | 500 : 500                                            |
| Sound pressure level (H/M/L)                               | Cooling : Heating | dB(A)    | 38 / 34 / 30 : 38 / 34 / 30                        | 39 / 35 / 31 : 39 / 35 / 31                        | 42 / 37 / 35 : 42 / 37 / 35                          |
| Sound power level (H/M/L)                                  | Cooling : Heating | dB(A)    | 56 / 52 / 48 : 56 / 52 / 48                        | 57 / 53 / 49 : 57 / 53 / 49                        | 60 / 55 / 53 : 60 / 55 / 53                          |
| Number of fan speeds                                       |                   |          | 3                                                  | 3                                                  | 3                                                    |
| Drain pipe size                                            |                   | mm       | VP-20                                              | VP-20                                              | VP-20                                                |
| <b>Outdoor Unit</b>                                        |                   |          |                                                    |                                                    |                                                      |
| Power source                                               |                   | Phase/Hz | 1 Phase/ 50Hz                                      | 1 Phase/ 50Hz                                      | 1 Phase/ 50Hz                                        |
|                                                            |                   | V        | 240V                                               | 240V                                               | 240V                                                 |
| Current                                                    | Cooling : Heating | A        | 6.60 : 5.55                                        | 8.60 : 7.25                                        | 11.7 : 10.0                                          |
| Dimensions                                                 | H x W x D         | mm       | 695 x 875 x 320                                    | 695 x 875 x 320                                    | 996 x 980 x 370                                      |
| Net weight                                                 |                   | kg       | 44                                                 | 44                                                 | 90                                                   |
| Air volume                                                 | Cooling : Heating | L/s      | 750 : 750                                          | 867 : 750                                          | 1,285 : 1,169                                        |
| Sound pressure level                                       | Cooling : Heating | dB(A)    | 46 (44) : 48 (46)                                  | 49 (47) : 49 (47)                                  | 52 (50) : 52 (50)                                    |
| Sound power level                                          | Cooling : Heating | dB(A)    | 65 (63) : 66 (64)                                  | 67 (65) : 67 (65)                                  | 68 (66) : 67 (65)                                    |
| Piping connections                                         | Liquid/Gas        | m        | Ø9.52 / Ø15.88                                     | Ø9.52 / Ø15.88                                     | Ø9.52 / Ø15.88                                       |
| Pipe length                                                | min. - max.       | m        | 3 - 40                                             | 3 - 40                                             | 5 - 50                                               |
| Elevation difference (OU located lower, OU located higher) |                   | m        | 15, 30                                             | 15, 30                                             | 15, 30                                               |
| Maximum chargeless length                                  |                   | m        | 30                                                 | 30                                                 | 30                                                   |
| Refrigerant at shipping, Additional gas amount             |                   | g        | R32, 1,450, 35 (g/m)                               | R32, 1,450, 35 (g/m)                               | R32, 2,600, 45 (g/m)                                 |
| Operation ranges                                           | Cooling : Heating | °C       | -10 to 43 : -15 to 24                              | -10 to 43 : -15 to 24                              | -10 to 43 : -15 to 24                                |

## CEILING

## Dimensions (6.0kW – 14.0kW)

- 1 Drain port VP20 (inside diameter ø26mm, drain hose supplied)
- 2 Left drain position
- 3 Refrigerant liquid tubing (ø9.52mm, flare connection)
- 4 Refrigerant gas tubing (ø15.88mm, flare connection)
- 5 Left side drain hose outlet port (cutout)
- 6 Tubing hole on wall surface (ø100mm)
- 7 Upper side tubing port
- 8 Right side drain hose outlet port (cutout)
- 9 Wireless remote controller receiver installation location



|  | 12.5kW                                               |                                                      | 14.0kW                                               |                                                      |
|--|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|  | S-100PT2E5B                                          | S-125PT2E5B                                          | S-125PT2E5B                                          | S-140PT2E5B                                          |
|  | U-100PZ2R8                                           | U-125PZ2R5                                           | U-125PZ2R8                                           | U-140PZ2R5                                           |
|  | 10.0 (3.0-11.5)<br>10.0 (3.0-14.0)                   | 12.5 (3.2-13.5)<br>12.5 (3.3-15.0)                   | 12.5 (3.2-13.5)<br>12.5 (3.3-15.0)                   | 13.6 (3.3-15.0)<br>14.0 (3.4-16.0)                   |
|  | 34,100 (10,200 - 39,200)<br>34,100 (10,200 - 47,800) | 42,700 (10,900 - 46,100)<br>42,700 (11,300 - 51,200) | 42,700 (10,900 - 46,100)<br>42,700 (11,300 - 51,200) | 46,400 (11,300 - 51,200)<br>47,800 (11,600 - 54,600) |
|  | 3.64 : 4.24                                          | 3.32 : 3.89                                          | 3.32 : 3.89                                          | 3.15 : 3.70                                          |
|  | 2.75 : 2.36                                          | 3.76 : 3.21                                          | 3.76 : 3.21                                          | 4.32 : 3.78                                          |
|  | 1 Phase/ 50Hz                                        | 1 Phase/ 50Hz                                        | 1 Phase/ 50Hz                                        | 1 Phase/ 50Hz                                        |
|  | 240V                                                 | 240V                                                 | 240V                                                 | 240V                                                 |
|  | 0.65 : 0.65                                          | 0.83 : 0.83                                          | 0.83 : 0.83                                          | 0.88 : 0.88                                          |
|  | 235 x 1,590 x 690                                    | 235 x 1,590 x 690                                    | 235 x 1,590 x 690                                    | 235 x 1,590 x 690                                    |
|  | 40                                                   | 40                                                   | 40                                                   | 40                                                   |
|  | 500 : 500                                            | 566 : 566                                            | 566 : 566                                            | 583 : 583                                            |
|  | 42 / 37 / 35 : 42 / 37 / 35                          | 46 / 40 / 36 : 46 / 40 / 36                          | 46 / 40 / 36 : 46 / 40 / 36                          | 47 / 41 / 37 : 47 / 41 / 37                          |
|  | 60 / 55 / 53 : 60 / 55 / 53                          | 64 / 58 / 54 : 64 / 58 / 54                          | 64 / 58 / 54 : 64 / 58 / 54                          | 65 / 59 / 55 : 65 / 59 / 55                          |
|  | 3                                                    | 3                                                    | 3                                                    | 3                                                    |
|  | VP-20                                                | VP-20                                                | VP-20                                                | VP-20                                                |
|  | 3 Phase/ 50Hz                                        | 1 Phase/ 50Hz                                        | 3 Phase/ 50Hz                                        | 1 Phase/ 50Hz                                        |
|  | 415V                                                 | 240V                                                 | 415V                                                 | 240V                                                 |
|  | 4.00 : 3.40                                          | 16.2 : 13.7                                          | 5.40 : 4.60                                          | 18.6 : 16.2                                          |
|  | 996 x 980 x 370                                      | 996 x 980 x 370                                      | 996 x 980 x 370                                      | 996 x 980 x 370                                      |
|  | 90                                                   | 94                                                   | 94                                                   | 94                                                   |
|  | 1,285 : 1,169                                        | 1,436 : 1,302                                        | 1,436 : 1,302                                        | 1,486 : 1,386                                        |
|  | 52 (50) : 52 (50)                                    | 55 (53) : 55 (53)                                    | 55 (53) : 55 (53)                                    | 56 (54) : 56 (54)                                    |
|  | 68 (66) : 67 (65)                                    | 70 (68) : 70 (68)                                    | 70 (68) : 70 (68)                                    | 71 (69) : 71 (69)                                    |
|  | Ø9.52 / Ø15.88                                       | Ø9.52 / Ø15.88                                       | Ø9.52 / Ø15.88                                       | Ø9.52 / Ø15.88                                       |
|  | 5 - 50                                               | 5 - 50                                               | 5 - 50                                               | 5 - 50                                               |
|  | 15, 30                                               | 15, 30                                               | 15, 30                                               | 15, 30                                               |
|  | 30                                                   | 30                                                   | 30                                                   | 30                                                   |
|  | R32, 2,600, 45 (g/m)                                 | R32, 2,980, 45 (g/m)                                 | R32, 2,980, 45 (g/m)                                 | R32, 2,980, 45 (g/m)                                 |
|  | -10 to 43 : -15 to 24                                | -10 to 43 : -15 to 24                                | -10 to 43 : -15 to 24                                | -10 to 43 : -15 to 24                                |

