



The World Leading Heat Pump Company

- NO DRAIN PIPING NEEDED**
- COMPACT INSTALLATION**
- FLEXIBLE DESIGN**

HEATING AND COOLING SOLUTIONS

BSQ-AVE

SINGLE PORT BS UNIT FOR VRV HEAT RECOVERY SERIES

Branch Selector (BS) units allow the individual switching of indoor units/zones between cooling & heating.

Daikin's heat recovery systems utilise a 3-pipe system (liquid, gas and high/low pressure gas discharge pipe). The BS units regulate the refrigerant to each indoor unit and allow the individual switching of indoor units between heating and cooling.

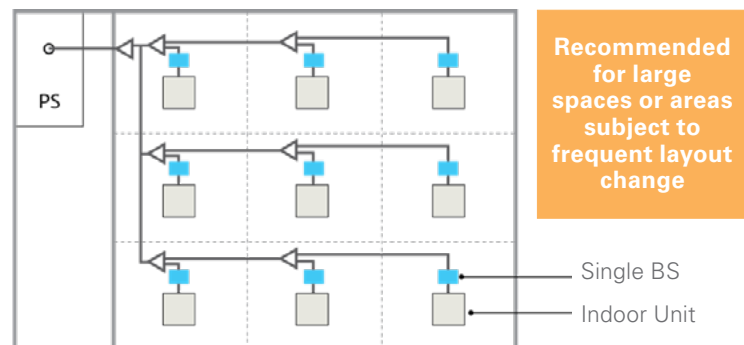


Drainless Type

- BSQ100AVE
- BSQ160AVE
- BSQ250AVE

3

MODELS



SPECIFICATIONS

| MODEL | | BSQ100AVE | BSQ160AVE | BSQ250AVE | |
|--|---------------------------|--|-------------------------------|-------------------------------|-----------------------------|
| Power supply | | 1-phase, 220-240 V / 220-230 V, 50 / 60 Hz | | | |
| No. of branches | | 1 | | | |
| Total capacity index of connectable indoor units | | 20 to 100 | More than 100 but 160 or less | More than 160 but 250 or less | |
| No. of connectable indoor units | | Max. 5 | Max. 8 | Max. 8 | |
| Casing | | Galvanised Steel Plate | | | |
| Dimensions (HxWxD) | | mm 207 x 388 x 326 | | | |
| Piping Connections | Indoor Unit | Liquid | Ø9.5 Brazing* ¹ | Ø9.5 Brazing | |
| | | Gas | Ø15.9 Brazing* ¹ | Ø15.9 Brazing* ² | Ø22.2 Brazing* ³ |
| | Outdoor Unit | Liquid | Ø9.5 Brazing | Ø9.5 Brazing | Ø9.5 Brazing |
| | | Suction Gas | Ø15.9 Brazing | Ø15.9 Brazing* ² | Ø22.2 Brazing* ³ |
| | High and Low Pressure Gas | Ø12.7 Brazing | Ø12.7 Brazing* ² | Ø19.1 Brazing* ³ | |
| Machine Weight | | kg 11 | 11 | 14 | |
| Sound Level | | dB(A) 35 (40)* ⁴ | 41 (45)* ⁴ | 41 (45)* ⁴ | |

Notes: Specifications are based on the following conditions;

- * 1. When connecting with an indoor unit with a capacity index between 20 and 50, connect the attached pipe to the field pipe. (Braise the connection between the attached and field pipe.)
- * 2. When connecting with indoor units with total capacity indexes 150 or more and 160 or less, connect the attached pipe to the field pipe. (Braise the connection between the attached and field pipe.)

- * 3. When connecting with indoor units with a capacity index of 200, or with total capacity indexes more than 160 and less than 200, connect the attached pipe to the field pipe. (Braise the connection between the attached and field pipe.)

- * 4. Figures in brackets () indicate maximum value of transient sound (the change of cooling and heating). Do not install at the place such as bed room. Small sound of refrigerant will be made, which may be disturbing.

Your Local Daikin Specialist Dealer:



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