

# BRAEMAR MULTI SPLIT SYSTEM



## FEATURES



### ZERL

Rated to the latest zoned energy rating label standard.



### iFeel mode

Room temperature controlled exactly where it is required.



### R32 refrigerant

68% lower Global Warming Potential and more energy efficient than R410A.



### Self-diagnostic



### Intelligent defrosting



### Turbo button

## SPECIFICATIONS



| INDOOR UNIT MODEL         |                                | NBHV35D1S            | NBHV45D1S       | NBHV71D1S   |                 |
|---------------------------|--------------------------------|----------------------|-----------------|-------------|-----------------|
| Cooling Capacity          | kW                             | 3.50                 | 4.50            | 7.10        |                 |
| Sensible Cooling Capacity | kW                             | 2.55                 | 3.30            | 5.40        |                 |
| Heating Capacity          | kW                             | 4.00                 | 5.00            | 8.00        |                 |
| Dehumidifying Volume      | l/hr                           | 1.4                  | 1.8             | 2.5         |                 |
| Indoor Unit               | Power Supply                   | V/Hz/Ph 230 / 50 / 1 |                 |             |                 |
|                           | Airflow (Min-Max)              | l/s                  | 125 - 181       | 125 - 197   | 244 - 356       |
|                           | Sound Pressure Level (Min-Max) | dBA                  | 34 - 44         | 35 - 47     | 36 - 47         |
|                           | Outline Dimension (WxDxH)      | mm                   | 596 x 596 x 240 |             | 840 x 840 x 240 |
|                           | Net Weight                     | kg                   | 20              |             | 26              |
| Pipe                      | Outer Diameter                 | Liquid pipe          | mm (inch)       | ø6.35 (1/4) | ø9.52 (3/8)     |
|                           |                                | Gas pipe             | mm (inch)       | ø9.52 (3/8) | ø12.7 (1/2)     |



# SPECIFICATIONS

| OUTDOOR UNIT MODEL                  |                            |             | KCHA140D1B   | KCHA160D1B       |            |
|-------------------------------------|----------------------------|-------------|--------------|------------------|------------|
| INDOOR UNIT MODEL                   |                            |             | KCHA140D1S   | KCHA160D1S       |            |
| Cooling Capacity                    |                            | kW          | 14.00        | 16.00            |            |
| Cooling Capacity Range (Min - Max)  |                            | kW          | 4.20 ~ 16.00 | 4.80 ~ 18.00     |            |
| Heating Capacity                    |                            | kW          | 16.00        | 18.00            |            |
| Heating Capacity Range (Min - Max)  |                            | kW          | 4.80 ~ 17.00 | 5.40 ~ 20.00     |            |
| AEER                                |                            | W/W         | 3.53         | 3.31             |            |
| ACOP                                |                            | W/W         | 3.77         | 3.84             |            |
| Electrical Data                     | Power Supply               |             | V/Hz/Ph      | 230/50/1         |            |
|                                     | Power Input (Nominal)      | Cooling     | kW           | 3.92             | 4.80       |
|                                     |                            | Heating     | kW           | 4.20             | 4.65       |
|                                     | Maximum Current Input      |             | A            | 28.0             | 32.0       |
| Minimum Circuit Breaker Outdoor     |                            | A           | 40           | 40               |            |
| Indoor Unit                         | Airflow (Max)              |             | l/s (m³/h)   | 889 (3200)       | 972 (3500) |
|                                     | ESP Nominal Range          |             | Pa           | 0 ~ 200          | 0 ~ 200    |
|                                     | Sound Pressure Level (Max) |             | dB(A)        | 45               | 50         |
|                                     | Outline Dimension (WxDxH)  |             | mm           | 1350 x 720 x 360 |            |
|                                     | Net Weight                 |             | kg           | 60               |            |
| Supply Air Outlet                   | Height                     |             | mm           | 190              |            |
|                                     | Width                      |             | mm           | 850              |            |
| Return Air Inlet                    | Height                     |             | mm           | 1170             |            |
|                                     | Width                      |             | mm           | 326              |            |
| Outdoor Unit                        | Sound Pressure Level (Max) |             | dB(A)        | 59               | 60         |
|                                     | Outline Dimension (WxDxH)  |             | mm           | 900 x 340 x 1260 |            |
|                                     | Net Weight                 |             | kg           | 90               | 97         |
|                                     | Number of Fans             |             | QTY          | 2                |            |
| Refrigerant R32                     | Pre-Charge Length          |             | m            | 15               |            |
|                                     | Additional Charge          |             | g/m          | 35               |            |
| Pipe                                | Outer Diameter             | Liquid Pipe | mm (inch)    | ø9.52 (3/8)      |            |
|                                     |                            | Gas Pipe    | mm (inch)    | ø15.88 (5/8)     |            |
|                                     | Max Distance               | Height      | m            | 30               |            |
|                                     |                            | Length      | m            | 75               |            |
| Ambient Temperature Operating Range | Cooling                    | °C          | -15 ~ 52     |                  |            |
|                                     | Heating                    | °C          | -15 ~ 24     |                  |            |

 **4.8** ★★★★★ **712+** Reviews

