

- Bi-flow (two outlets for flow intensity and air direction)
- Fits perfectly under the window sill or in a low ceiling attic
- Easy-to-use command control interface on unit (includes child lock)
- Unique floor heating function
- New IAQ filtration system
- Auto-diagnosis function
- Easy-to-use remote control with extra large display



## RAS Inverter Bi-Flow Console Inverter Split System

| CODE                                       |   |       | 25                  | 35               | 50               |
|--|---|-------|---------------------|------------------|------------------|
| INDOOR UNIT                                | RAS-                                      |       | B10UFV-E1           | B13UFV-E1        | B18UFV-E1        |
| OUTDOOR UNIT                               | RAS-                                      |       | 10N3AV2-E1          | 13N3AV2-E1       | 18N3AV2-E        |
| Cooling Capacity                           |   | kW    | 2.50 (1.1 - 3.1)    | 3.50 (1.1 - 4.1) | 5.00 (1.0 - 5.7) |
| Heating Capacity                           |   | kW    | 3.2 (0.9 - 4.8)     | 4.2 (1.0 - 5.4)  | 5.8 (1.1 - 6.3)  |
| UK Total Cooling/Sensible Cooling Capacity |   | kW    | 2.44/2.03           | 3.42/2.74        | 4.89/3.77        |
| UK Heating Capacity                        |   | kW    | 2.05                | 2.69             | 3.72             |
| Operating Range Cooling/Heating            |   | °C    | 46 to -10/24 to -15 |                  |                  |
| Cooling                                    | EER/SEER                                  |       | 4.20/6.60           | 3.61/6.20        | 3.01/5.70        |
|  | Seasonal Energy Consumption               | kWh/a | 106                 | 198              | 307              |
|  | Power Consumption/Energy Efficiency Class |       | 0.595/A++           | 0.97/A++         | 1.66/A+          |
| Heating                                    | COP/SCOP                                  |       | 4.27/4.30           | 3.73/3.90        | 3.21/3.80        |
|  | Seasonal Energy Consumption               | kWh/a | 980                 | 1113             | 1474             |
|  | Power Consumption/Energy Efficiency Class |       | 0.75/A+             | 1.125/A          | 1.805/A          |

### INDOOR UNIT

|                                       |  |                   |                      |         |            |
|---------------------------------------|--|-------------------|----------------------|---------|------------|
| Standard Air Flow H/L                 |  | l/s               | 142/72               | 153/75  | 178/102    |
| Standard Air Flow H/L                 |  | m <sup>3</sup> /h | 510/258              | 552/270 | 642/366    |
| Sound Pressure Level H/L              |  | dBA               | 39/23                | 40/24   | 46/31      |
| Sound Power Level H/L                 |  | dBA               | 54/38                | 55/39   | 61/46      |
| Height/Width/Depth                    |  | mm                | 600/700/220          |         |            |
| Total Weight                          |  | kg                | 16                   |         |            |
| Gas Side                              |  | mm - "            | 9.5 - 3/8            |         | 12.7 - 1/2 |
| Liquid Side                           |  | mm - "            | 6.4 - 1/4            |         |            |
| Drain Port (Outer/Inner)              |  | mm                | 16/14                |         |            |
| Power Cable From Outdoor To Indoor    |  |                   | 3 core + earth       |         |            |
| Remote Controller (Standard Supplied) |  |                   | WH-L16SE (Infra-Red) |         |            |

### OUTDOOR UNIT

|  |  |                   |                     |       |            |
|--|--|-------------------|---------------------|-------|------------|
| Standard Air Flow                              |  | l/s               | 500                 | 625   | 605        |
| Standard Air Flow                              |  | m <sup>3</sup> /h | 1800                | 2250  | 2178       |
| Sound Pressure Level Cooling/Heating           |  | dBA               | 46/47               | 48/50 | 49/50      |
| Sound Power Level Cooling/Heating              |  | dBA               | 61/62               | 63/65 | 64/65      |
| Refrigerant Base Charge/Chargeless To          |  | kg/m              | 0.8/15              |       | 1.4/15     |
| Refrigerant Additional Charge Main Liquid Side |  | g/m               | 20                  |       |            |
| Minimum/Maximum Piping Length                  |  | m                 | 2/20                |       |            |
| Height Difference Outdoor To Indoor            |  | m                 | ±10                 |       |            |
| Pipe Connections Gas Side                      |  | mm - "            | 9.5 - 3/8           |       | 12.7 - 1/2 |
| Pipe Connections Liquid Side                   |  | mm - "            | 6.4 - 1/4           |       |            |
| Drain Port Connector Hose Inner Diameter       |  | mm                | 16                  |       |            |
| Height/Width/Depth                             |  | mm                | 550/780/290         |       |            |
| Total Weight                                   |  | kg                | 33                  |       | 41         |
| Maximum Run Current                            |  | A                 | 3.51                | 5.18  | 8.19       |
| Power Supply                                   |  |                   | 1 phase 230 V 50 Hz |       |            |
| Suggested Fused Supply                         |  | A                 | 10                  |       | 16         |