



# RAS-B\_UFV-E1 INVERTER CONSOLE



This innovative and compact unit has been designed to be installed on the floor and in low wall applications, fitting perfectly under the window sills or in a low ceiling attic. The Console is compatible with Monosplit & Multisplit condensing units (B-code). Compact and modern design in all three dimensions (H600 x L700 x D220 cm).

### Energy Class A++ / A+

High energy efficiency class in cooling.  
Low energy consumption in all conditions.

### Bi-flow air diffusion system

This feature enables users to select the favorable air flow outlet between the two available positions at the top and bottom front of the unit. The unique floor heating function, allows the unit to deliver a powerful flow at floor level for a uniform and comfortable room heating.

### Toshiba Indoor Air Quality filtration system

Toshiba IAQ's technology is able to seriously inhibit the reproductive ability of harmful elements. Its deodorizing power absorbs and decomposes, smoke, food smells and bad odors. Toshiba's new self-cleaning function is designed to reduce the humidity that causes mould to form inside an air-conditioning unit. This advanced, efficient system reduces moisture in the coils for healthier air to breathe.

### User friendly wireless remote control with weekly timer

Child-lock function on the unit display panel.  
Brightness level control of the display unit to reduce the led light glow.  
Automatic restart function in case of unexpected electricity supply line power cuts.  
Weekly timer, 8°C, and Power select are available as optional.

#### MAX EFFICIENCY



SEER 6.60  
SCOP 4.10

#### CAPACITY



2.5kW > 5.0kW

#### OPERATION



-15°C > +46°C

- > B-code for Mono & Multi compatibility
- > 100% Toshiba quality with DC Twin Rotary inverter compressor on large chassis
- > Wifi control compatible
- > Toshiba Indoor Air Quality filters



INDOOR UNITS

RAS-B10UFV-E1  
RAS-B13UFV-E1  
RAS-B18UFV-E1



OUTDOOR UNITS

RAS-10N3AV2-E1  
RAS-13N3AV2-E1  
RAS-18N3AV2-E



REMOTE CONTROLS

Delivered with the unit



OPTIONAL RC

RB-RXS31-E  
Optional weekly timer  
Remote control

**INVERTER CONSOLE** Performance data

| Outdoor unit                     |           |   | RAS-10N3AV2-E1      | RAS-13N3AV2-E1     | RAS-18N3AV2-E       |
|----------------------------------|-----------|---|---------------------|--------------------|---------------------|
| Indoor unit                      |           |   | RAS-B10UFV-E1       | RAS-B13UFV-E1      | RAS-B18UFV-E1       |
| <b>Cooling capacity</b>          | <b>kW</b> |   | <b>2.5</b>          | <b>3.5</b>         | <b>5.0</b>          |
| Cooling range (min. - max.)      | kW        |   | 1.1 - 3.1           | 1.1 - 4.1          | 1.1 - 5.7           |
| Power input (min. -rated - max.) | kW        | C | 0.23 - 0.595 - 0.91 | 0.23 - 1.05 - 1.50 | 0.20 - 1.66 - 1.95  |
| Pdesignc                         | kW        |   | 2.5                 | 3.5                | 5.0                 |
| EER                              | W/W       |   | 4.20                | 3.33               | 3.01                |
| SEER                             |           |   | 6.6                 | 6.3                | 5.7                 |
| Energy efficiency class          |           | C | A++                 | A++                | A+                  |
| Seasonal electricity consumption | kWh/a     | C | 133                 | 194                | 307                 |
| Annual energy consumption        | kWh       |   | 298                 | 525                | 830                 |
| <b>Heating capacity</b>          | <b>kW</b> |   | <b>3.2</b>          | <b>4.2</b>         | <b>5.8</b>          |
| Heating range (min. - max.)      | kW        |   | 1.0 - 4.8           | 1.0 - 5.0          | 1.1 - 6.3           |
| Power input (min. -rated - max.) | kW        | H | 0.18 - 0.75 - 1.55  | 0.18 - 1.25 - 1.80 | 0.20 - 1.805 - 2.20 |
| Pdesignh                         | kW        |   | 3.0                 | 3.1                | 4.0                 |
| COP                              | W/W       |   | 4.27                | 3.36               | 3.21                |
| SCOP                             |           |   | 4.1                 | 4.0                | 3.8                 |
| Energy efficiency class          |           | H | A+                  | A+                 | A                   |
| Seasonal electricity consumption | kWh/a     | H | 1024                | 1085               | 1474                |

**INVERTER CONSOLE** Physical data indoor

| Indoor unit                |            |   | RAS-B10UFV-E1 | RAS-B13UFV-E1 | RAS-B18UFV-E1 |
|----------------------------|------------|---|---------------|---------------|---------------|
| Air flow (h)               | m³/h - l/s | C | 468 - 130     | 510 - 142     | 600 - 167     |
| Air flow (l)               | m³/h - l/s | C | 258 - 72      | 270 - 75      | 366 - 102     |
| Sound pressure level (h/q) | dB(A)      | C | 39/23         | 40/24         | 46/31         |
| Sound power level (h)      | dB(A)      | C | 54            | 54            | 60            |
| Air flow (h)               | m³/h - l/s | H | 510 - 142     | 552 - 153     | 642 - 178     |
| Air flow (l)               | m³/h - l/s | H | 270 - 75      | 288 - 80      | 366 - 102     |
| Sound pressure level (h/q) | dB(A)      | H | 39/23         | 40/24         | 46/31         |
| Sound power level (h)      | dB(A)      | H | 54            | 55            | 60            |
| Dimensions (h x w x d)     | mm         |   | 600x700x220   | 600x700x220   | 600x700x220   |
| Weight                     | kg         |   | 16            | 16            | 16            |

**INVERTER CONSOLE** Physical data outdoor

| Outdoor unit                   |            |   | RAS-10N3AV2-E1             | RAS-13N3AV2-E1             | RAS-18N3AV2-E              |
|--------------------------------|------------|---|----------------------------|----------------------------|----------------------------|
| Air flow (max)                 | m³/h - l/s | C | 1800 - 500                 | 2250 - 625                 | 2178 - 605                 |
| Sound pressure level (h)       | dB(A)      | C | 46                         | 48                         | 49                         |
| Sound power level (h)          | dB(A)      | C | 61                         | 63                         | 64                         |
| Operating range                | °C         | C | -10~46                     | -10~46                     | -10~46                     |
| Air flow (max)                 | m³/h - l/s | H | 1800 - 500                 | 2250 - 625                 | 1914 - 532                 |
| Sound pressure level (h)       | dB(A)      | H | 47                         | 50                         | 50                         |
| Sound power level (h)          | dB(A)      | H | 62                         | 65                         | 64                         |
| Operating range                | °C         | H | -15~24                     | -15~24                     | -15~24                     |
| Dimensions (h x w x d)         | mm         |   | 550x780x290                | 550x780x290                | 550x780x290                |
| Weight                         | kg         |   | 33                         | 34                         | 39                         |
| Compressor type                |            |   | DC Rotary                  | DC Rotary                  | DC Twin Rotary             |
| Flare connections (gas-liquid) |            |   | 3/8" - 1/4"                | 3/8" - 1/4"                | 1/2" - 1/4"                |
| Minimum pipe length            | m          |   | 2                          | 2                          | 2                          |
| Maximum pipe length            | m          |   | 20                         | 20                         | 20                         |
| Maximum height difference      | m          |   | 10                         | 10                         | 10                         |
| Chargeless pipe length         | m          |   | 15                         | 15                         | 15                         |
| Refrigerant charge (R410A)     | kg         |   | 0.80                       | 0.80                       | 1.40                       |
| Power supply                   | V-ph-Hz    |   | 220/240-1-50, 220/230-1-60 | 220/240-1-50, 220/230-1-60 | 220/240-1-50, 220/230-1-60 |

C: cooling mode  
H: heating mode