

## REASONS TO CONSIDER THE TOSHIBA CONSOLE

The Console offers several new advancements.

## **BI-FLOW**

Double outlets, positioned at the top and the base of the unit, allow for comfortable airflow. Choose your preferred direction, temperature and fan speed. The ability to move warm air from the bottom outlet is an original Toshiba feature.

### **FLOOR WARMING MODE**

This mode is inspired by the heating style of traditional fireplaces. In this mode it delivers a powerful flow at floor level for uniform and comfortable heating.

Misplaced the remote? The smart user interface allows you to control basic operations directly from the unit. Information such as temperature, operation mode and air outlet direction are easily visible.

The brightness of the display panel can be adjusted to suit your preferences. It can also be locked to keep it safe from little fingers.





| Technical specifications heat pump       |          |   |                           |                           |                         |                        |
|--|----------|---|---------------------------|---------------------------|-------------------------|------------------------|
| Outdoor unit                             |          |   | RAS-B10UFV-A              | RAS-B13UFV-A              | RAS-B16UFV-A            | RAS-B18UFV-A           |
| Indoor unit                              |          |   | RAS-10SAVR-A              | RAS-13SAVR-A2             | RAS-16UAVR-A            | RAS-18SAV2-A           |
| Cooling capacity                         | kW       | С | 2.4                       | 3.5                       | 4.5                     | 4.9                    |
| Cooling range (min. – max.)              | kW       | С | (1.1 - 3.1)               | (1.1 - 4.1)               | (1.0 - 5.7)             | (1.0 - 5.7)            |
| Power input (min – rated – max.)         | kW       | c | 0.60 (0.23 - 0.82)        | 1.02 (0.23 - 1.35)        | 1.45 (0.20 - 1.95)      | 1.63 (0.20 - 1.95)     |
| EER                                      | W/W      |   | 4.0                       | 3.43                      | 3.10                    | 3.01                   |
| Energy star rating prior before Apr 2010 |          | c | *****                     | *****                     | ****                    | ****                   |
| Energy star rating from Apr 2010         |          | c | ***                       | **                        | **                      | *                      |
| Heating capacity                         | kW       | н | 3.2                       | 4.1                       | 5.0                     | 5.8                    |
| Heating range (min. – max.)              | kW       | н | (1.0 - 4.8)               | (1.0 - 5.4)               | (1.1 - 6.3)             | (1.1 - 6.3)            |
| Power input (min – rated – max.)         | kW       | н | 0.75 (0.18 - 1.40)        | 1.16 (0.18 - 1.70)        | 1.43 (0.20 - 2.20)      | 1.81 (0.20 - 2.20)     |
| COP                                      | W/W      |   | 4.27                      | 3.53                      | 3.50                    | 3.20                   |
| Energy star rating prior before Apr 2010 |          | н | *****                     | ****                      | ****                    | ****                   |
| Energy star rating from Apr 2010         |          | н | ***                       | **                        | **                      | **                     |
| Indoor unit                              |          |   | RAS-B10UFV-A              | RAS-B13UFV-A              | RAS-B16UFV-A            | RAS-B18UFV-A           |
| Air flow                                 | m³/h     | С | 468                       | 510                       | 600                     | 600                    |
| Sound pressure level (h/m/l)             | dB(A)    | С | 39 / 32 / 26              | 41 / 33 / 27              | 46 / 40 / 34            | 46 / 40 / 34           |
| Sound power level                        | dB(A)    | С | 54                        | 55                        | 61                      | 61                     |
| Air flow                                 | m³/h     | н | 510                       | 552                       | 642                     | 642                    |
| Sound pressure level (h/m/l)             | dB(A)    | н | 39 / 32 / 26              | 42 / 33 / 29              | 46 / 40 / 34            | 46 / 40 / 34           |
| Sound power level                        | dB(A)    | н | 54                        | 55                        | 61                      | 61                     |
| Dimensions $(h \times w \times d)$       | mm       |   | 600 x 700 x 220           | 600 x 700 x 220           | 600 x 700 x 220         | 600 x 700 x 220        |
| Weight                                   | kg       |   | 16                        | 16                        | 16                      | 16                     |
| Outdoor unit                             |          |   | RAS-10SAVR-A              | RAS-13SAVR-A2             | RAS-16UAVR-A            | RAS-18SAV2-A           |
| Air flow                                 | m³/h l/s |   | 1800 - 500                | 2250 - 625                | 2160 - 600              | 2160 - 600             |
| Sound pressure level                     | dB(A)    | С | 46                        | 48                        | 49                      | 49                     |
| Sound power level                        | dB(A)    | С | 59                        | 61                        | 64                      | 64                     |
| Operating range                          | °C       | С | -10 ÷ 46                  | -10 ÷ 46                  | -10 ÷ 46                | -10 ÷ 46               |
| Sound pressure level                     | dB(A)    | н | 47                        | 50                        | 50                      | 50                     |
| Sound power level                        | dB(A)    | н | 60                        | 63                        | 65                      | 65                     |
| Operating range                          | °C       | н | -15 ÷ 24                  | -15 ÷ 24                  | -15 ÷ 24                | -15 ÷ 24               |
| Dimensions (h $\times$ w $\times$ d)     | mm       |   | 550 x 780 x 290           | 550 x 780 x 290           | 550 x 780 x 290         | 550 x 780 x 290        |
| Weight                                   | kg       |   | 35                        | 33                        | 41                      | 41                     |
| Compressor type                          |          |   | Single Rotary DC Inverter | Single Rotary DC Inverter | DC Twin Rotary Inverter | DC Twin Rotary Inverte |
| Flare connections - gas                  |          |   | 3/8"                      | 3/8"                      | 1/2"                    | 1/2"                   |
| Flare connections - liquid               | in       |   | 1/4"                      | 1/4"                      | 1/4"                    | 1/4"                   |
| Minimum pipe length                      | m        |   | 3                         | 3                         | 5                       | 5                      |
| Maximum pipe length                      | m        |   | 20                        | 20                        | 20                      | 20                     |
| Maximum height difference                | m        |   | 10                        | 10                        | 10                      | 10                     |
| Chargeless pipe length                   | m        |   | 15                        | 15                        | 15                      | 15                     |
| Power supply                             | V-ph-Hz  |   | 220-240/1/50              | 220-240/1/50              | 220-240/1/50            | 220-240/1/50           |

C = cooling mode H = heating mode

# TOSHIBA

Leading Innovation >>>

Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice.

Note: All images provided in this catalogue are used for illustration purposes only. Equipment rated in accordance with MEPS AS3823.3 2007

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TOSHIBA AIRCONDITIONING

www.toshibaheatpumps.com









Floor warming

mode

Smart user

interface



Key benefits Bi-flow Everyone loves humanwarmth.co.nz



