

TOSHIBA

HEAT PUMPS

Think Toshiba. Think reliability.



Better Air Solutions



UFV

BI-FLOW INVERTER CONSOLE

Compact design and unique floor warming mode





EFFICIENT AND RELIABLE SYSTEM

Thanks to Toshiba DC Hybrid Inverter technology, the system operates at maximum capacity in order to reach the desired temperature quickly and when the required comfortable environment is achieved, the inverter adjusts its capacity to maintain it.

The twin rotary compressor makes the system very efficient, silent and reliable even when the outside temperature is down to -15°C.

COMFORT SLEEP

With the comfort sleep function activated, the units gradually increases or decreases the temperature of the air delivered to compensate for naturally lower night temperature. The result is complete comfort during the whole night. In addition, the quiet function lowers the sound levels to its minimum by operating the super low speed of the fan.

COMPACT DESIGN

Toshiba designers and engineers have succeeded in developing a powerful unit in a small compact structure.

With its modern lines and white colour, it blends perfectly in any environment. Occupy less space than a standard radiator and could be easily installed under a bay window or in a low ceiling attic.

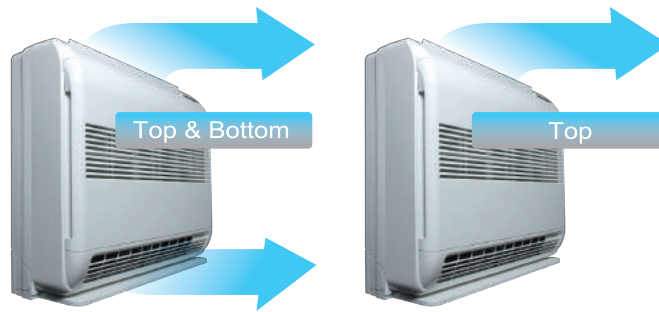
Key benefits

Bi-flow

Floor warming
mode

Smart user
interface

Cooling operation



Heating operation



Toshiba Bi-flow Air Delivery System

This feature enables users to select the favourable air flow outlet between the two available positions at the top and bottom of the unit.

The warm air distributed from the bottom outlet is a Toshiba original feature. The warm air flows in the room interior directly towards the floor.

Personalised Air Flow Selection in All Modes

The user has a choice of up to five fan speeds selectable manually or automatically. Air flow direction can be customised by selecting one of the several fixed positions or by activating the swing function that will regularly move the outlet louvre for a uniform air distribution. The result of these combinations is the possibility to find the perfect individual comfort in every working temperature condition.

Floor Warming Mode

The unique floor warming mode is an innovative feature inspired by the warmth of a fireplace. With this option, warm air is evenly distributed from the lower part of the console increasing the sense of comfort and well being. This function can be quickly and easily activated by pressing a single button on the remote control.

**Inverter
Technology**

**Infra Red
Remote Control**

**Self Cleaning
Function**

Childlock Function



ENHANCED FEATURES

Selectable Automatic Re-Start

In case of electrical power supply interruption, when the power returns, the unit automatically re-starts its operation keeping the operating parameters set before the interruption.

It is extremely useful in case of electrical power interruption during the night.

Child Lock

The LED display on the unit is equipped with a child lock protection. In this mode, any pressure placed on the buttons will not produce any effect. This lock can be easily removed by pushing a simple sequence of buttons. A beep sound will advise the user when a button is pressed in child safe mode.

Dimmer

With this function, it is possible to reduce the brightness of the display LED.

The unit display intensity will be dimmed and the function LED will be turned off without affecting the operating conditions.

If the console is installed in the bedroom, the display will not glow in the dark.

EASY TO USE COMMANDS












Smart User Interface

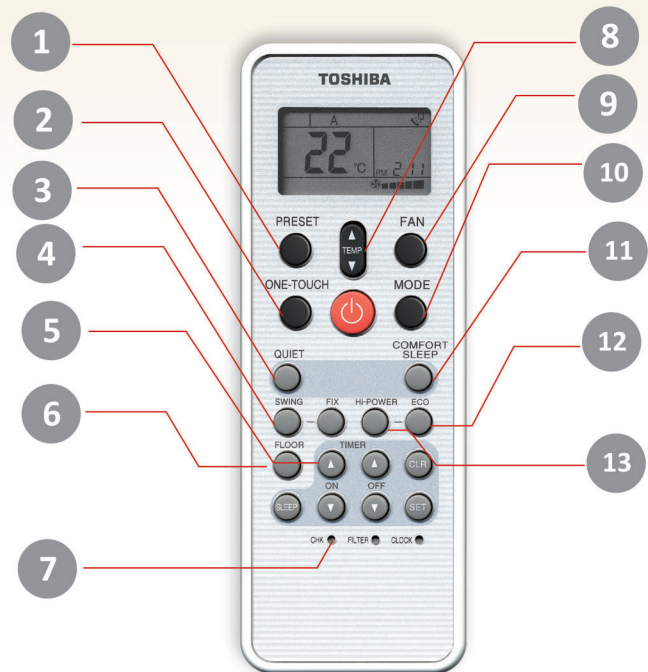
Toshiba consoles have a smart user interface embedded in the top panel of the unit.




The basic functions (on/off, temperature control, operation mode selection and air outlet selection) can be easily activated and monitored on the liquid crystal display.

Useful colour icons show the active operating functions.

Infrared Remote Control

- 
1. ONE TOUCH PRESET
 Store your desired settings and activate them at the touch of a button.
- 
2. ONE TOUCH MY COMFORT
 The most commonly chosen settings have been preset.
- 
3. QUIET
 The indoor mode operates at the lowest possible noise level.
- 
4. SWING AND FIX LOUVRE
 Select your optimum airflow from a range of fixed and swing louvre positions.
- 
5. FLOOR WARMING MODE
 This function utilises the bottom louvre and allows for a greater spread of warm air across the floor.
- 
6. TIMER
 Set start times or program a setting to repeat every 24 hours.
- 
7. AUTO DIAGNOSIS
- 
8. TEMPERATURE CONTROL
- 
9. FAN SPEED
 5 different fan speeds or Auto fan speed allow to control your airflow.
- 10. OPERATING MODE:**
 Select from auto changeover, cooling, drying (dehumidification) or heating.



- 
11. COMFORT SLEEP
 Sets the temperature to rise by 1°C after one hour, 2°C after 2 hours and maintain this temperature until morning.
- 
12. ECO-LOGIC
 Achieves energy savings of up to 25% compared with standard settings, without sacrificing comfort.
- 
13. HI-POWER
 Extra airflow to rapidly reach your desired temperature setting.

BREATHE EASY - IAQ FILTER

Toshiba's new IAQ technology improves the indoor air quality in your home. This highly effective device purifies the air without reducing the air flow capacity of the unit. With this system, the air becomes purer, fresher and healthier; ensuring optimum comfort for the whole family.



The active-carbon catechin filter eliminates bad smells and protects from dust.



7 in 1 filtration offers purity without compromise. Its sophisticated filtration agents include coffee extract, Vitamin C, super zeolite and super ginkgo.



Super Oxi Deo filter works hard to tackle particles and banish pollutants.



Super Steriliser incorporates Toshiba's antiviral, antibacterial technology. Sasa and Super Ginkgo alleviate allergies and keep nasties away from your family.

SELF CLEANING FUNCTION

When you turn off your heat pump, an internal fan automatically activates to dry out the coil. This useful function performs the moisture removal which is the main cause of mould formation.

Normal Operation

Moisture stays trapped inside during operation.

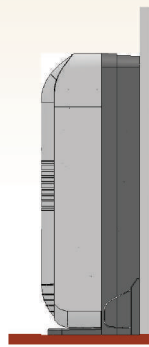
Self Cleaning Function

20 minutes of fan operation after shut down, the natural air flow dries the moist air and helps reduce mould formation.

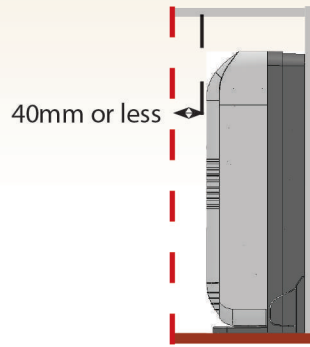


INSTALLATION FLEXIBILITY

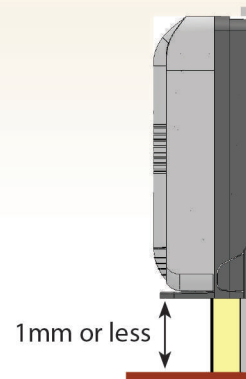
There are three different ways that the console can be installed.



FLOOR STANDING
(exposed from wall).



FLOOR STANDING
(partially concealed
within the wall).



WALL HANGING
(at a height of less
than a metre).

Floor or Low Wall Application

Easy installation, no need to remove the plinth. The console unit is equipped with a pre-punched knockout section, easy to detach in order to allow for the perfect alignment of the unit against the wall.

Optional WIFI Controller

Control your bi-flow heat pump from anywhere via your smart phone, tablet or PC (iOS, Android and Web). Once connected to IntesisHome® WIFI Residential adaptor, you can control your heat pump from wherever you are. Set up to 10 timers and scenes with an annual scheduler, giving you more control than ever before.

IS-IR-WIFI-1



Technical Specifications

System Code			UFV10	UFV13	UFV18
Outdoor Unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-18SAV2-A
Indoor Unit			RAS-B10UFV-A	RAS-B13UFV-A	RAS-B18UFV-A
Cooling Capacity	kW	C	2.4	3.5	4.9
Cooling Range (min. – max.)	kW	C	(1.1 - 3.1)	(1.1 - 4.1)	(1.0 - 5.7)
Power Input Rated (min. – max.)	kW	C	0.60 (0.23 - 0.82)	1.02 (0.23 - 1.35)	1.63 (0.20 - 1.95)
EER	W/W	C	4.0	3.43	3.01
Energy Star Rating		C	★ ★ ★	★ ★	★
Heating Capacity	kW	H	3.2	4.1	5.8
Heating Range (min. – max.)	kW	H	(1.0 - 4.8)	(1.0 - 5.4)	(1.1 - 6.3)
Power Input Rated (min. – max.)	kW	H	0.75 (0.18 - 1.40)	1.16 (0.18 - 1.70)	1.81 (0.20 - 2.20)
COP	W/W	H	4.27	3.53	3.20
Energy Star Rating	W/W	H	★ ★ ★ ↯	★ ★	★ ↯
Indoor Unit			RAS-B10UFV-A	RAS-B13UFV-A	RAS-B18UFV-A
Air Flow	m ³ /h	C	468	510	600
Sound Pressure Level (H/M/L)	dB(A)	C	39 / 32 / 26	41 / 33 / 27	46 / 40 / 34
Air Flow	m ³ /h	H	510	552	642
Sound Pressure Level (H/M/L)	dB(A)	H	39 / 32 / 26	42 / 33 / 29	46 / 40 / 34
Dimensions (H x W x D)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16
Outdoor Unit			RAS-10SAVR-A	RAS-13SAVR-A2	RAS-18SAV2-A
Sound Pressure Level	dB(A)	C	46	48	49
Operating Range	°C	C	-10 to +46	-10 to +46	-10 to +46
Sound Pressure Level	dB(A)	H	47	50	50
Operating Range	°C	H	-15 to +24	-15 to +24	-15 to +24
Dimensions (H x W x D)	mm		550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg		35	33	41
Compressor Type			Single Rotary DC Inverter	Single Rotary DC Inverter	DC Twin Rotary Inverter
Flare Connections - Gas	in		3/8"	3/8"	1/2"
Flare Connections - Liquid	in		1/4"	1/4"	1/4"
Refrigerant Charge (R410A)	kg		0.80	0.80	1.40
Minimum Pipe Length	m		3	3	5
Maximum Pipe Length	m		20	20	20
Maximum Height Difference	m		10	10	10
Chargeless Pipe Length	m		15	15	15
Additional Refrigerant Charge/Metre	g		20	20	20
Power Supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50

C = cooling mode
H = heating mode



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.

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Equipment rated in accordance with MEPS AS/NZS 3283.2:2011



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