



FOR CONFINED SPACES

Slim duct unit R32/R410A



Highlights

- Compact & slim
- Integrated drain pump
- External fresh air supply possible



Slim duct unit for RAV single-room systems for combination with Digital Inverter and Super Digital Inverter outdoor units for refrigerant R32 or R410A. Ultra-slim design with top energy-efficiency values. Available in three power levels from 2.5 to 5.0 kW.



Performance

- Extremely high energy efficiency (up to A++)
- Can be integrated unseen into false ceilings
- Self-cleaning function
- Low-noise 3-stage fan
- External static pressure can be set up to 50 Pa
- Auto diagnostic system



Flexibility

- Compatible with R32 or R410A outdoor units
- Air intake possible from below or behind
- Washable, long-life dust filter
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- Low overall unit height of only 210 mm
- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with discharge head up to 85 cm
- External receiver kit for infrared remote control possible
- Can be combined with all cable remote controls
- Can be integrated into VRF control systems via a TCC link
- Automatic restart setting after power outage
- Optional redundancy box available

TOSHIBA

Slim duct unit R32/R410A

Technical data			RAV-RM301SDT-E
Cooling capacity	kW	❄️	2,50
Cooling range (min.-max.)	kW	❄️	0,90 - 3,00
Power consumption (min./nom./max.)	kW	❄️	0,25/0,56/0,82
Energy efficiency EER	W/W	❄️	4,46
Energy efficiency SEER		❄️	6,29
Energy efficiency class		❄️	A++
Heating capacity	kW	🔥	3,40
Heating range (min.-max.)	kW	🔥	0,80 - 4,50
Power consumption (min./nom./max.)	kW	🔥	0,17/0,86/1,40
Energy efficiency COP	W/W	🔥	3,95
Energy efficiency SCOP		🔥	4,60
Energy efficiency class		🔥	A+
Sound pressure level (low/med/high)	dB(A)	❄️	33/36/39
Sound pressure level (low/med/high)	dB(A)	🔥	33/36/39
Sound power level	dB(A)	❄️	44/48/51
Sound power level	dB(A)	🔥	44/48/51
Airflow	m ³ /h		480/660
External static pressure	Pa		5 - 45
Condensate pipe diameter	mm		VP25 (25/32)
Suction gas pipe diameter	mm (inch)		12,7 (½)
Liquid pipe diameter	mm (inch)		6,3 (¼)
Refrigerant			R32/R410A
Dimensions (HxWxD)	mm		210 x 845 x 645
Weight	kg		22

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <http://www.toshiba-klima.at/en/measuring-conditions.html>



Energy Label: Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



HI POWER: Particularly strong airflow for quickly reaching the requested temperature.



ErP Ecodesign: All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



Auto diagnostic: Check of system for flawless operation.



Hybrid inverter control: Smooth capacity regulation.



Eco Mode: Energy saving function.



Rotary compressor: Reliability and high efficiency.



Quiet Mode: Particularly low noise level - whispering mode.



Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.



Comfort Sleep: Gradual increase of temperature by 2 °C until morning.



R410A: Used refrigerant: R410A.



Power Selection: Capacity regulation and therefore power savings of up to 25, 50 or 75%.



R32: Used refrigerant: R32.



Floor Mode: Natural floor warming effect for greater comfort.



Wifi ready: Optional control of the system via a smartphone.



Preset Mode: Activates individual settings at the touch of a button.



KNX: Optional KNX bus connection.



One Touch Mode: Fully automatic operation adapted to your needs.



Dust filter: Washable filter against coarse contamination.



Timer: Individual programming of on-/off times.



IAQ filter: Fine mesh filter with natural substances.



Off Timer: Shutdown of the unit at chosen times (30 min to 12 h).



Active carbon-catechin filter: Cleansing filter with enzymes from green tea.



Week Timer: Up to four settings per day and seven per week.



Plasma filter: Pure Mode: Electrostatic filter system.



Automatic Restart: After a power blackout.



Air ionizer: Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



8 °C frost protection function: Frost protection for uninhabited rooms.



Self-cleaning function: Usage of condensate water for cleaning.



Louver: Flexible setting of louvers.



Auto Mode: Automatic selection between cooling and heating.



3D Airflow: 6 different airflow patterns in all directions.