



INVISIBLE AIR CONDITIONING

Duct unit R32/R410A



Highlights

- Extremely quiet
- Optimal air distribution possible
- External fresh air supply possible



The shape of the room doesn't matter – duct units ensure even temperatures throughout. Air can be supplied into the room discretely via one or more air outlets.

→ Attractive and economical

- High (A++) energy efficiency for multi-systems
- Can be integrated unseen into false ceilings
- High-performance heat exchanger
- Direct current hybrid inverter technology
- Exceptionally high efficiency in the partial load range
- Self-cleaning function
- Low-noise, 5-stage fan

→ Resource-friendly

- Eco operation
- Environmentally-friendly refrigerant R410A
- Air used as energy source in heating mode

→ Cleaner ambient air

- Self-cleaning function dries the heat exchanger after operation
- Customized external air filter settings

→ Technical details

- Very low overall height of only 21 cm
- External, static compression can be set up to 45 Pa
- Air intake possible from below or behind
- Integrated drain pump with a discharge head up to 35 cm

→ Easy operation

- Infrared remote control included
- 24 hour ON/OFF timer
- Automatic mode
- Eco mode
- Hi Power
- Quiet
- Preset
- Comfort Sleep
- Optional WiFi control via smartphone, tablet, or PC

→ Optional comfort and saving functions

- Comfort cable remote control optionally available
- Large, backlit display
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- Monitoring function
- Integrated temperature sensor

TOSHIBA

Duct unit R32/R410A

Technical data			RAS-M16U2DVG-E
Cooling capacity	kW	❄️	4,50
Heating capacity	kW	🔥	5,50
Sound pressure level (low/med/high)	dB(A)	❄️	24/35
Sound pressure level (low/med/high)	dB(A)	🔥	25/35
Sound power level	dB(A)	❄️	39/50
Sound power level	dB(A)	🔥	40/50
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	22/24/27/31/33
Sound pressure level, air supply from behind (min.-max.)		🔥	23/25/27/31/33
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	27/31/34/39/41
Sound pressure level, air supply from below (min.-max.)		🔥	28/32/34/39/41
Airflow	m ³ /h		780
External static pressure	Pa		10/20/35/45
Suction gas pipe diameter	mm (inch)		12,7 (½)
Liquid pipe diameter	mm (inch)		6,3 (¼)
Power supply	V/Ph+N/Hz		220-240/1/50
Refrigerant			R32/R410A
Dimensions (HxWxD)	mm		210 x 900 x 450
Weight	kg		19

❄️ 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.