



## 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-M13U2DVG-E
Cooling capacity	kW	❄️	3,70
Heating capacity	kW	🔥	5,00
Sound pressure level (low/med/high)	dB(A)	❄️	27/37
Sound pressure level (low/med/high)	dB(A)	🔥	27/37
Sound power level	dB(A)	❄️	42/52
Sound power level	dB(A)	🔥	42/52
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	25/27/29/32/35
Sound pressure level, air supply from behind (min.-max.)		🔥	25/27/29/32/35
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	30/33/36/39/43
Sound pressure level, air supply from below (min.-max.)		🔥	30/33/36/39/43
Airflow	m <sup>3</sup> /h		610
External static pressure	Pa		10/20/35/45
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
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 700 x 450
Weight	kg		16

❄️ 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.