



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



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Technical data			RAS-M16U2DVG-E
Cooling capacity	kW	❄️	4,50
Energy efficiency class		❄️	A++
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 <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.



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



Auto Mode: Automatic selection between cooling and heating.



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



Auto diagnostic: Check of system for flawless operation.



Eco Mode: Energy saving function.



Quiet Mode: Whisper mode for the indoor unit.



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



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



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



Timer: Individual programming of on-/off times.



Automatic Restart: After a power blackout.

