



For limited spaces

Slim duct unit



Highlights

- Compact & slim
- Optimal air distribution possible
- External fresh air supply possible



Slim duct unit for combination with VRF outdoor units from the MiNi-SMMS-e, SMMS-e, and SHRM-e model series. Ultra-slim design with top energy-efficiency values. Available in eight power levels from 1.7 to 8.0 kW.



Performance

- High energy efficiency
- Can be integrated unseen into false ceilings
- Self-cleaning function
- Low-noise, 3-stage fan
- External, static compression can be set up to 46 Pa
- Auto diagnostic system



Flexibility

- Air intake possible from below or behind
- Washable, long-life dust filter
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- Low unit overall height of only 210 mm
- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with a discharge head up to 85 cm
- External receiver kit for infrared remote control possible
- Can be combined with all cable remote controls
- Additional functions available with the RBC-AMS54E-ES remote control
- Automatic restart setting after power outage

TOSHIBA

Slim duct unit

Technical data			MMD-AP0056SPH1-E
Cooling capacity	kW	❄️	1,70
Power consumption (min./nom./max.)	kW	❄️	0,038
Heating capacity	kW	🔥	1,90
Power consumption (min./nom./max.)	kW	🔥	0,038
Airflow	m ³ /h		435/400/370
External static pressure	Pa		6/16/31/46
Sound pressure level (low/med/high)	dB(A)	❄️	24/25/26
Sound pressure level (low/med/high)	dB(A)	🔥	24/25/26
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	24/25/26
Sound pressure level, air supply from behind (min.-max.)		🔥	24/25/26
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	30/32/33
Sound pressure level, air supply from below (min.-max.)		🔥	30/32/33
Liquid pipe diameter	mm (inch)		6,4 (¼)
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Condensate pipe diameter	mm		VP25 (25/32)
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A	❄️	0,29
Running current	A	🔥	0,29
Refrigerant			R410A
Dimensions (HxWxD)	mm		210 x 845 x 645
Weight	kg		21

❄️ 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.



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



Hybrid inverter control: Smooth capacity regulation.



Rotary compressor: Reliability and high efficiency.



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



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.



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



KNX: Optional KNX bus connection.



Dust filter: Washable filter against coarse contamination.



IAQ filter: Fine mesh filter with natural substances.



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



Plasma filter: Pure Mode: Electrostatic filter system.



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



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: Particularly low noise level - whispering mode.



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



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



Floor Mode: Natural floor warming effect for greater comfort.



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.



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



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



Automatic Restart: After a power blackout.



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



Louver: Flexible setting of louvers.



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