



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

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Technical data			MMD-AP0154SPH1-E
Cooling capacity	kW	❄️	4,50
Power consumption (min./nom./max.)	kW	❄️	0,045
Heating capacity	kW	🔥	5,00
Power consumption (min./nom./max.)	kW	🔥	0,045
Airflow	m <sup>3</sup> /h		520/600/690
External static pressure	Pa		5/15/30/45
Sound pressure level (low/med/high)	dB(A)	❄️	28/30/32
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	28/30/32
Sound pressure level, air supply from behind (min.-max.)		🔥	28/30/32
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	33/36/39
Sound pressure level, air supply from below (min.-max.)		🔥	33/36/39
Liquid pipe diameter	mm (inch)		6,4 (¼)
Suction gas pipe diameter	mm (inch)		12,7 (½)
Condensate pipe diameter	mm		VP25 (25/32)
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A	❄️	0,32
Running current	A	🔥	0,32
Refrigerant			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.