



SSD SUPER SLIM DUCT

Slim duct unit SMMSu



Highlights

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



Flat duct unit for combination with VRF outdoor units of the Mini-SMMS-e, SMMS-e, SMMS-u and SHRM-e series (size 003 for SMMS-u only). Ultra-flat design with top energy efficiency values. Available in nine capacity levels from 0.9 to 8.0 kW.



Performance

- High energy efficiency
- Can be invisibly integrated in false ceilings
- Self-cleaning function
- Whisper 5-step fan
- External static pressure adjustable up to 50 Pa
- Auto diagnostic system



Flexibility

- under air-intake or back air-intake possible
- Washable long-life dust filter integrated
- Optional WIFI control via smartphone, tablet, PC



Technical details

- Lowest installation height of only 210 mm
- External fresh air supply up to 15% of the nominal air volume possible
- Integrated drain pump with delivery head up to 35 cm
- Receiver for infrared remote control can be integrated
- All wired remote controls can be combined
- Automatic restart after power blackout adjustable

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Technical data			MMD-UP0091SPHY-E
Capacity code	HP		1,0
Cooling capacity	kW	❄️	2,80
Power consumption (min./nom./max.)	kW	❄️	0,029
Heating capacity	kW	🔥	3,20
Power consumption (min./nom./max.)	kW	🔥	0,029
Airflow	m³/h		570/500/430
External static pressure	Pa		10/20/30/40/50
Sound pressure level (low/med/high)	dB(A)	❄️	26/28/29/31/32
Sound pressure level (low/med/high)	dB(A)	🔥	26/28/29/31/32
Sound power level	dB(A)	❄️	46/48/50/52/54
Sound power level	dB(A)	🔥	46/48/50/52/54
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	26/28/30/31/32
Sound pressure level, air supply from behind (min.-max.)		🔥	26/28/30/31/32
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	36/38/40/41/42
Sound pressure level, air supply from below (min.-max.)		🔥	36/38/40/41/42
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	❄️	0,42
Running current	A	🔥	0,42
Current consumption (nom.)	A		0,42
Refrigerant			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.



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.