



## 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-UP0121SPHY-E
Capacity code	HP		1,25
Cooling capacity	kW	❄️	3,60
Power consumption (min./nom./max.)	kW	❄️	0,031
Heating capacity	kW	🔥	4,00
Power consumption (min./nom./max.)	kW	🔥	0,031
Airflow	m³/h		600/520/440
External static pressure	Pa		10/20/30/40/50
Sound pressure level (low/med/high)	dB(A)	❄️	27/29/30/32/33
Sound pressure level (low/med/high)	dB(A)	🔥	27/29/30/32/33
Sound power level	dB(A)	❄️	46/48/50/51/54
Sound power level	dB(A)	🔥	46/48/50/51/54
Sound pressure level, air supply from behind (min.-max.)	dB(A)	❄️	27/29/30/32/33
Sound pressure level, air supply from behind (min.-max.)		🔥	27/29/30/32/33
Sound pressure level, air supply from below (min.-max.)	dB(A)	❄️	37/39/40/42/43
Sound pressure level, air supply from below (min.-max.)		🔥	37/39/40/42/43
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	❄️	0,44
Running current	A	🔥	0,44
Current consumption (nom.)	A		0,44
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.