



DESIGN CASSETTE

1-way FLAT cassette SMMSu



Highlights

- 30 mm flat design panel
- Lowest installation height of only 150 mm
- AIR Purifier-Kit optional
- Occupancy sensor optional



1-way FLAT cassette for combination with VRF outdoor units of the Mini-SMMS-e, SMMS-e, SMMS-u and SHRM-e series (size 003 only for SMMS-u, size 005 not for Mini-SMMS). Perfect for high demands on indoor air quality and energy efficiency.

Available in five capacity levels from 0.9 to 3.6 kW.



Performance

- High energy efficiency
- High performance heat exchanger
- Whisper 3-speed fan
- Quiet function
- Occupancy sensor option for enhanced energy savings
- Auto diagnostic system



Flexibility

- Optimal air distribution even in high rooms
- Easily removable, washable dust filters
- Accessory board TCB-PCUC2E for external analog & digital control available
- Optional WIFI control via smartphone, tablet, PC



Air quality

- Washable dust filters that cover the entire heat exchanger
- Special coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after the end of operation
- Plasmafilter option: effectively neutralizes particles in the range of fine dust, pollen, mold spores and viruses; filters up to 85% of PM 2.5 particles in 2 hours. Contains a PM 1.0 particle sensor with 4-stage LED display



Technical details

- External fresh air supply up to 15% of the nominal air volume possible
- Integrated drain pump with delivery head up to 85 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			MMU-UP0091YHP-E
Capacity code	HP		1,0
Cooling capacity	kW	❄️	2,80
Power consumption (min./nom./max.)	kW	❄️	0,018
Heating capacity	kW	🔥	3,20
Power consumption (min./nom./max.)	kW	🔥	0,018
Airflow	m ³ /h		290/410/520
Sound pressure level (low/med/high)	dB(A)	❄️	26/35/39
Sound pressure level (low/med/high)	dB(A)	🔥	26/35/39
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	❄️	0,19
Running current	A	🔥	0,19
Current consumption (nom.)	A		0,19
Refrigerant			R410A
Dimensions (HxWxD)	mm		150 x 990 x 450
Weight	kg		14+4
Panel dimensions (HxWxD)	mm		30 x 1220 x 530
Panel weight	kg		4

❄️ 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.