



## 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

## 1-way FLAT cassette SMMSu

Technical data			MMU-UP0051YHP-E
Capacity code	HP		0,6
Cooling capacity	kW	❄️	1,70
Power consumption (min./nom./max.)	kW	❄️	0,015
Heating capacity	kW	🔥	1,90
Power consumption (min./nom./max.)	kW	🔥	0,015
Airflow	m <sup>3</sup> /h		270/370/480
Sound pressure level (low/med/high)	dB(A)	❄️	25/33/37
Sound pressure level (low/med/high)	dB(A)	🔥	25/33/37
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	❄️	0,15
Running current	A	🔥	0,15
Current consumption (nom.)	A		0,15
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.