TOSHIBA

PERFECT AMBIANCE

Ceiling unit SMMSu

Highlights

Attractive design
Low noise level
Optimal air distribution in cooling & heating mode

Under ceiling unit for combination with VRF outdoor units from the MiNi-SMMS-e, SMMS-e, SMMS-u and SHRM-e model series (size 003 for SMMS-u only). Elegant design with rounded edges and a large air discharge louver flap for optimal air circulation. Available in seven capacity sizes from 4.5 to 16.0 kW.

Performance

- Very high energy efficiency
- Optimal temperature distribution right down to the floor in heating mode
- High-performance heat exchanger
- Self-cleaning function
- Low-noise, 3-step fan
- Quiet function
- Auto diagnostic system

Flexibility

- Optimal air distribution, even in high spaces
- Easy-to-remove, washable dust filters
- Accessry pc-board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC

Technical details

- Easy installation via removable suspension fixtures
- TCB-DP31CE drain pump optionally available
- Receiver for infrared remote control can be integrated
- Can be combined with all wired remote controls
- Automatic restart after power blackout adjustable

Better Air Solutions

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Technical data			MMC-UP0481HP-E
Cooling capacity	kW	❄	14,00
Power consumption (min./nom./max.)	kW	❄	0,083
Heating capacity	kW	☀	16,00
Power consumption (min./nom./max.)	kW	☀	0,083
Airflow	m^3/h		1200/1530/1860
Sound pressure level (low/med/high)	dB(A)	❄	35/41/44
Sound pressure level (low/med/high)	dB(A)	☀	35/41/44
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Condensate pipe diameter	mm		VP20 (20/26)
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A	❄	0,80
Running current	A	☀	0,80
Current consumption (nom.)	A		0,80
Refrigerant			R410A
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		39

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at http://www.toshiba-klima.at/en/measuring-conditions.html

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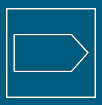
TOSHIBA Features - general overview



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.

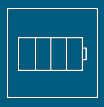
HI POWER: Particularly strong airflow for quickly reaching the requested temperature.

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.

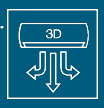
Off Timer: Shutdown of the unit at chosen times (30 min to 12 h).

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.