



FOR FRESH AIR PRECONDITIONING

## Fresh-air duct unit



### Highlights

- Perfect solution for additional inflow of fresh air
- Pre-heating and pre-cooling function
- Can be used in combination with other VRF indoor units



Fresh-air duct unit for combination with VRF outdoor units from the SMMS-e model series. Pre-heating or cooling function in combination with other indoor units. Available in three power levels from 14.0 to 28.0 kW.

### → Performance

- High energy efficiency
- Can be integrated unseen into false ceilings
- Self-cleaning function
- Low-noise, high-mode-only fan
- External, static compression can be set up to 230 Pa
- Auto diagnostic system

### → Flexibility

- 100% fresh air processing
- Can be regulated from +16 to +27°C in cooling and heating mode
- Can be realized with up to 30% of total system output
- Up to two units can be connected in the system
- Diversity from 80% to 100%

### → Technical details

- Air intake from behind
- Customized external air filter settings
- TCB-DP32DFE drain pump optionally available
- External receiver kit for infrared remote control possible
- Can be combined with all cable remote controls
- Cannot be combined with VN-HEXE or hot water module
- Automatic restart setting after power outage



## Fresh-air duct unit

Technical data			MMD-AP0481HFE
Cooling capacity	kW	❄️	14,00
Power consumption (min./nom./max.)	kW	❄️	0,28
Heating capacity	kW	🔥	8,90
Power consumption (min./nom./max.)	kW	🔥	0,28
Airflow	m <sup>3</sup> /h		1080
External static pressure	Pa		170/210/230
Sound pressure level (low/med/high)	dB(A)	❄️	41/43/45
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Condensate pipe diameter	mm		VP25 (25/32)
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A	❄️	1,43
Running current	A	🔥	1,43
Outdoor temperature operating range (min.-max.)	°C	❄️	+5 / +43
Outdoor temperature operating range (min.-max.)	°C	🔥	-5 / +43
Refrigerant			R410A
Dimensions (HxWxD)	mm		492 x 892 x 1262
Weight	kg		93

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here: In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



**R410A:** Used refrigerant: R410A.



**Self-cleaning function:** Usage of condensate water for cleaning.

