



FOR FRESH AIR PRECONDITIONING

Fresh-air duct unit SMMSu



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 and SMMS-u model series (sizes 112 and 128 for SMMS-u only). Pre-heating or cooling function in combination with other indoor units. Available in five capacity levels from 14.0 to 40.0 kW.



Performance

- High energy efficiency
- Can be integrated unseen into false ceilings
- Self-cleaning function
- Low-noise 5-step fan
- External, static pressure can be set up to 200 Pa
- Auto diagnostic system



Technical details

- Air intake from behind
- Customized external air filter settings
- TCB-DP40DFP-E 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 after power blackout adjustable



Flexibility

- 100% fresh air processing
- Can be regulated from +16 to +27°C in cooling and heating mode
- Wide operating range: air-intake temperatures from -10°C to +46°C
- Can be realized with up to 30% of total system output
- Diversity from 80% to 110%



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| Technical data | | | MMD-UP0721HFP-E1 |
|---|-------------------|----|---------------------------|
| Capacity code | HP | | 8 |
| Cooling capacity | kW | ❄️ | 22,40 |
| Power consumption (min./nom./max.) | kW | ❄️ | 0,16 |
| Heating capacity | kW | 🔥 | 13,90 |
| Power consumption (min./nom./max.) | kW | 🔥 | 0,16 |
| Airflow | m ³ /h | | 1200/1440/1680 |
| External static pressure | Pa | | 50/75/100/125/150/175/200 |
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 33/35/36/37/38 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 33/35/36/37/38 |
| Liquid pipe diameter | mm (inch) | | 12,7 (½) |
| Suction gas pipe diameter | mm (inch) | | 22,2 (7/8) |
| Condensate pipe diameter | mm | | VP25 (25/32) |
| Power supply | V/Ph+N/Hz | | 220-240/1+N/50 |
| Running current | A | ❄️ | 0,86 |
| Running current | A | 🔥 | 0,86 |
| Current consumption (nom.) | A | | 0,90 |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | +5 / +46 |
| Outdoor temperature operating range (min.-max.) | °C | 🔥 | -10 / +46 |
| Refrigerant | | | R410A |
| Dimensions (HxWxD) | mm | | 477 x 1430 x 900 |
| Weight | kg | | 99 |

❄️ 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:



R410A: Used refrigerant: R410A.



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

