



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



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%



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



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Technical data			MMD-UP1121HFP-E
Capacity code	HP		12
Cooling capacity	kW	❄️	33,50
Power consumption (min./nom./max.)	kW	❄️	0,250
Heating capacity	kW	🔥	20,80
Power consumption (min./nom./max.)	kW	🔥	0,250
Airflow	m³/h		1770/2130/2520
External static pressure	Pa		50/75/100/125/150/ 175/200
Sound pressure level (low/med/high)	dB(A)	❄️	34/36/37/39/40
Sound pressure level (low/med/high)	dB(A)	🔥	34/36/37/39/40
Liquid pipe diameter	mm (inch)		12,7 (½)
Suction gas pipe diameter	mm (inch)		28,6 (1 1/8)
Condensate pipe diameter	mm		VP25 (25/32)
Power supply	V/Ph+N/Hz		220-240/1+N/50
Running current	A	❄️	1,30
Running current	A	🔥	1,30
Current consumption (nom.)	A		1,36
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>

