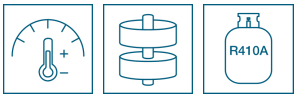
TOSHIBA

2-pipe in compact form

MiNi SMMSe

Highlights

Outstanding energy efficiency values
Compact units, up to 28.0 kW of cooling-/heating capacity
Up to 16 indoor units can be connected



Compact VRF 2-pipe outdoor unit for cooling or heating with a wide performance spectrum. For combination with VRF indoor units, valve kits (exhaust air control) and VN heat exchangers.

Performance

- Excellent energy and cost efficiency
- Suitable for monovalent heating operation
- Optional PMV kits can be used for noise-sensitive applications

Flexibility

- Max. pipe lengths up to 300 m
- Max. height differences up to 30 m
- Up to 16 indoor units can be connected (size 10)
- Flexible control options for all applications
- Optimal ratio of unit capacity to installation surface
- Quiet operation protects people and the environment
- System diversity 80% to 130%
- Simple system design with SelectionTool-software

Technical details

- Inverter-controlled twin-rotary compressor
- Advanced fan design enables maximum capacity with minimum noise generation and current consumption
- Intelligent refrigerant management ensures an optimal supply to all indoor units, regardless of their position in the building

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Technical data			MCY-MHP0504HS8-E
Capacity code	HP		5
Cooling capacity	kW	❄	14,00
Power consumption (min./nom./max.)	kW	❄	3,47
Energy efficiency EER	W/W	❄	4,03
Energy efficiency ESEER		❄	9,29
Energy efficiency ETAs	%	❄	368,6
Running current	A	❄	5,40
Heating capacity	kW	☀	16,00
Power consumption (min./nom./max.)	kW	☀	3,72
Energy efficiency COP	W/W	☀	4,40
Energy efficiency SCOP		☀	4,25
Energy efficiency ETAs	%	☀	167,0
Running current	A	☀	5,80
Airflow	m^3/h		5820
External static pressure	Pa		30
Sound pressure level (low/med/high)	dB(A)	❄	50
Sound pressure level (low/med/high)	dB(A)	☀	53
Sound power level	dB(A)	❄	68,0
Sound power level	dB(A)	☀	69,0
Sound pressure level (night operation, @ 1m)	dB(A)	❄	46 / 48
Compressor type			1x Twin Rotary
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +46
Outdoor temperature operating range (min.-max.)	°C	☀	-20 / +15,5
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 16
Recommended power supply line type			H07RN-F 5G2,5
Communication line			YSLCY 2x1,5
Current consumption (max.)	A		3x 12,50
Connectable indoor units (max.)	Pce.		10
Pipe length (max.)	m		180
Height difference (max.)	m		20/30
Refrigerant			R410A
Refrigerant charge	kg		6,40
Dimensions (HxWxD)	mm		1235 x 990 x 390
Weight	kg		125

❄ 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:

Hybrid inverter control: Smooth capacity regulation.

Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.

R410A: Used refrigerant: R410A.