

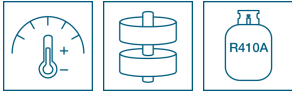


2-pipe in compact form

## 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



Technical data		MCY-MHP0404HS8-E	
Capacity code	HP		4
Cooling capacity	kW	❄️	12,10
Power consumption (min./nom./max.)	kW	❄️	2,82
Energy efficiency EER	W/W	❄️	4,29
Energy efficiency ESEER		❄️	9,47
Energy efficiency ETAs	%	❄️	375,8
Running current	A	❄️	4,50
Heating capacity	kW	🔥	12,50
Power consumption (min./nom./max.)	kW	🔥	2,57
Energy efficiency COP	W/W	🔥	4,86
Energy efficiency SCOP		🔥	4,19
Energy efficiency ETAs	%	🔥	164,6
Running current	A	🔥	4,20
Airflow	m <sup>3</sup> /h		5660
External static pressure	Pa		30
Sound pressure level (low/med/high)	dB(A)	❄️	49
Sound pressure level (low/med/high)	dB(A)	🔥	52
Sound power level	dB(A)	❄️	66,0
Sound power level	dB(A)	🔥	67,0
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		380-415/3/50
Recommended fusing	A		3x 16
Recommended power supply line type			H07RN-F 5G1,5
Communication line			YSLCY 2x1,5
Current consumption (max.)	A		12,5
Connectable indoor units (max.)	Pce.		8
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.

