



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-MHP1006HS8-E
Capacity code	HP		10
Cooling capacity	kW	❄️	28,00
Power consumption (min./nom./max.)	kW	❄️	9,34
Energy efficiency EER	W/W	❄️	3,00
Energy efficiency SEER		❄️	7,40
Energy efficiency ETAs	%	❄️	293,0
Running current	A	❄️	14,5
Heating capacity	kW	🔥	28,00
Power consumption (min./nom./max.)	kW	🔥	7,00
Energy efficiency COP	W/W	🔥	4,00
Energy efficiency SCOP		🔥	4,38
Energy efficiency ETAs	%	🔥	173,8
Running current	A	🔥	10,9
Airflow	m ³ /h		8820
Sound pressure level (low/med/high)	dB(A)	❄️	59
Sound pressure level (low/med/high)	dB(A)	🔥	60
Sound power level	dB(A)	❄️	77
Sound power level	dB(A)	🔥	77
Sound pressure level (night operation, @ 1m)	dB(A)	❄️	50 / 50
Compressor type			Twin-Rotary
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		22,2 (7/8)
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Outdoor temperature operating range (min.-max.)	°C	🔥	-20 / +15
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 20
Recommended power supply line type			H07RN-F 5G2,5
Communication line			YSLCY 2x1,5
Current consumption (nom.)	A		14,5
Current consumption (max.)	A		3x 20,00
Connectable indoor units (max.)	Pce.		16
Pipe length (max.)	m		300
Height difference (max.)	m		30
Refrigerant			R410A
Refrigerant charge	kg		4,40
Dimensions (HxWxD)	mm		1740 x 990 x 390
Weight	kg		147

❄️ Cooling 🔥 Heating

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

