

## 5-1. Specifications

### Basic model

Model name			MMY-MUP0801HT8P-E	MMY-MUP1001HT8P-E	MMY-MUP1201HT8P-E	MMY-MUP1401HT8P-E	
Outdoor unit type			Inverter unit	Inverter unit	Inverter unit	Inverter unit	
Cooling capacity (*1)	kW		22.4	28.0	33.5	40.0	
Heating capacity (Rated. *1)	kW		22.4	28.0	33.5	40.0	
Heating capacity (Max. *1)	kW		25.0	31.5	37.5	45.0	
Capacity range	HP		8	10	12	14	
Power supply			3N~ 50Hz 400V(380-415V)	3N~ 50Hz 400V(380-415V)	3N~ 50Hz 400V(380-415V)	3N~ 50Hz 400V(380-415V)	
Voltage range (*2)	Minimum	V	342	342	342	342	
	Maximum	V	456	456	456	456	
Electrical characteristic (*1)	Cooling	Running current	A	9.15	13.4	16.0	22.6
		Power input	kW	5.64	8.36	10.34	14.55
		EER	kW/kW	3.97	3.35	3.24	2.75
	Heating (Rated.)	Running current	A	8.56	11.5	12.1	15.5
		Power input	kW	5.28	7.20	7.77	10.00
		COP	kW/kW	4.24	3.89	4.31	4.00
	Heating (Max.)	Running current	A	9.73	13.3	13.8	18.8
		Power input	kW	6.00	8.29	8.87	12.13
		COP	kW/kW	4.17	3.80	4.23	3.71
	SEER			7.44	7.73	7.32	7.05
	SCOP			4.50	4.78	4.75	4.60
Starting current	A		Soft Start	Soft Start	Soft Start	Soft Start	
Dimension	Height	mm	1690	1690	1690	1690	
	Width	mm	990	990	990	990	
	Depth	mm	780	780	780	780	
Weight	kg		228	228	228	228	
Colour			Silky shade (Munsell 1Y8.5/0.5)	Silky shade (Munsell 1Y8.5/0.5)	Silky shade (Munsell 1Y8.5/0.5)	Silky shade (Munsell 1Y8.5/0.5)	
Compressor	Type		Hermetic twin rotary compressor	Hermetic twin rotary compressor	Hermetic twin rotary compressor	Hermetic twin rotary compressor	
	Motor output	kW	5.25	7.93	9.75	14.0	
Fan unit	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan	
	Motor output	kW	1.0	1.0	1.0	1.0	
	Air volume	m <sup>3</sup> /h	9900	10500	11700	11880	
Max. external static pressure	Pa		80	80	80	80	
Heat exchanger			Finned tube	Finned tube	Finned tube	Finned tube	
Refrigerant	Name		R410A	R410A	R410A	R410A	
	Charge	Heat pump	kg	6.0	6.0	6.0	6.0
High-pressure switch			OFF:3.2 ON:4.15	OFF:3.2 ON:4.15	OFF:3.2 ON:4.15	OFF:3.2 ON:4.15	
Protective devices			(*3)	(*3)	(*3)	(*3)	
Power supply wiring	MCA (*4)	A	17.0	23.0	27.0	31.0	
	MOCP (*5)	A	20.0	32.0	32.0	40.0	
Piping connections	Gas	Type		Brazing	Brazing	Brazing	
		Diameter	mm	19.1	22.2	28.6	28.6
	Liquid	Type		Brazing	Brazing	Brazing	Brazing
		Diameter	mm	12.7	12.7	12.7	15.9
Max. number of connected indoor units			18	22	27	31	
Sound pressure level	Cooling	dB(A)	53.0	55.0	58.0	58.0	
	Heating	dB(A)	56.0	58.0	62.0	62.0	
Sound power level	Cooling	dB(A)	75.0	77.0	79.0	79.0	
	Heating	dB(A)	76.0	77.0	81.0	82.0	
Operation temperature range	Cooling(*7)	CDB	-10.0 to 52.0	-10.0 to 52.0	-10.0 to 52.0	-10.0 to 52.0	
	Heating(*6)	CWB	-25.0 to 15.5	-25.0 to 15.5	-25.0 to 15.5	-25.0 to 15.5	

#### Note

(\*1) Rated conditions Cooling : Indoor 27 degC Dry Bulb /19 degC Wet Bulb , Outdoor 35 degC Dry Bulb.  
Heating : Indoor 20 degC Dry Bulb, Outdoor 7 degC Dry Bulb / 6 degC WetBulb.  
Based on equivalent piping length of 7.5m and piping height difference of 0m.

(\*2) Voltage range : Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

(\*3) Discharge temp. sensor / Suction temp. sensor / High-pressure sensor / Low-pressure sensor / Compressor case thermostat / PC board fuse

(\*4) Select wire size base on the larger value of MCA.

MCA : Minimum Circuit Amps

(\*5) MOCP : Maximum Overcurrent Protection(Amps)

(\*6) Low ambient heating (-20degC or less) for extended periods of time is not allowed

(\*7) Low ambient cooling (-5 deg C or less) is limited to application.