


VRF SHRMa R32: MMY - SUG1401MT8P-E

STAND ALONE

- Market leading efficiency : SEER 8.08 - SCOP 4.30.
- Low footprint chassis that gives ultimate installation flexibility.
- One product two possibilities: - 2-pipe heat pump / 3-pipe heat recovery.
- Up to 24HP in a single module, never experienced before with R32 refrigerant.
- R32's GWP, combined with SHRMa 40% reduced refrigerant charge, gives up to 83% CO₂ reduction.



Hi - Res Image 

Performance & Outdoor Data

Capacity Range		HP	14	
Maximum Number of Indoor Units		QTY	31	
Cooling Capacity		kW	40.0	
Heating Capacity		kW	45.0	
Operating Range	Cooling	°C	-15.0 to 50.0	
	Heating		-25.0 to 15.5	
Cooling	Power Consumption	kW	12.04	
	EER/SEER/Energy Efficiency Class (or nsc %)		3.32/8.08/320.2	
Heating	Power Consumption	kW	10.28	
	COP/SCOP/Energy Efficiency Class (or nsc(A) %)		3.89/4.30/169.0	
Fan(s)	Standard Air Flow H	l/s	3300	
	Standard Air Flow H	m ³ /h	11880	
	External Static Pressure	Pa	80	
Sound	Pressure Level C/H	dB(A)	58/63	
	Power Level C/H	dB(A)	79/84	
Unit(s)	Height x Width x Depth	mm	1690 x 990 x 780	
	Weight	kg	232	
Pipe Connections	Refrigerant Base Charge	kg	6.0	
	Suction Gas Pipe Brazing	inch	1-1/8	
	Discharge Pipe Brazing	inch	7/8	
	Liquid Pipe Flare	inch	5/8	
	Equivalent Length	m	215	
	Real Length	m	190	
	Total Pipe Length (Liquid Line Real Length)	m	500	
	Length To First Branch Height Difference Between Indoor Units ≤ 3 m	m	90	
	Length To First Branch Height Difference Between Indoor Units > 3 m	m	65	
	Real Length Between Single Port FS Unit and Indoor Unit	m	50	
Maximum	Real Length Of Indoor Unit Connecting Piping	m	50	
	Equivalent Length Between Branches	m	50	
	Height Difference Outdoor Higher Than Indoor Units	m	90	
	Height Difference Outdoor Lower Than Indoor Units	m	40	
	Height Difference Between Indoor Units	m	40	
	Electrical	Voltage Range Minimum/Maximum	V	342/456
		Electrical Characteristic Running Current Cooling/Heating	A	18.90/16.30
Power Supply Wiring Starting Current		A	Soft Start	
Power Supply		V/ph/Hz	380-415/3/50	
Suggested Fused Supply(s)		A	25	

*All Accessories / Controls

Related items:

- [Full specification](#)
- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)

