

VRF SHRMa R32: MMY - SUG1601MT8P-E

STAND ALONE

- Market leading efficiency : SEER 8.64 - SCOP 4.65.
- 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	16
Maximum Number of Indoor Units		QTY	36
Cooling Capacity		kW	45.0
Heating Capacity		kW	50.0
Operating Range	Cooling	°C	-15.0 to 50.0
	Heating		-25.0 to 15.5
Cooling	Power Consumption	kW	12.16
	EER/SEER/Energy Efficiency Class (or nsc %)		3.70/8.64/342.6
Heating	Power Consumption	kW	11.06
	COP/SCOP/Energy Efficiency Class (or nsc(A) %)		4.07/4.65/183
Fan(s)	Standard Air Flow H	l/s	4250
	Standard Air Flow H	m ³ /h	15300
	External Static Pressure	Pa	80
Sound	Pressure Level C/H	dB(A)	60/64
	Power Level C/H	dB(A)	83/87
Unit(s)	Height x Width x Depth	mm	1690 x 1290 x 780
	Weight	kg	329
	Refrigerant Base Charge	kg	9
Pipe Connections	Suction Gas Pipe Brazing	inch	1-1/8
	Discharge Pipe Brazing	inch	7/8
	Liquid Pipe Flare	inch	5/8
Maximum	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
	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	21.10/19.90
	Power Supply Wiring Starting Current	A	Soft Start
	Power Supply	V/ph/Hz	380-415/3/50
	Suggested Fused Supply(s)	A	32

*All [Accessories](#) / [Controls](#)

Related items:

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

