


## VRF SHRMa R32: MMY - SUG1801MT8P-E

### STAND ALONE

- Market leading efficiency : SEER 8.32 - SCOP 4.49.
- 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% CO<sub>2</sub> reduction.



Hi - Res Image 

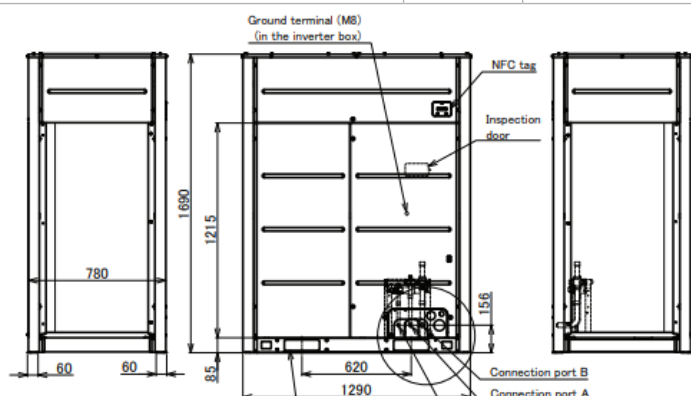
### Performance & Outdoor Data

Capacity Range		HP	18	
Maximum Number of Indoor Units		QTY	40	
Cooling Capacity		kW	50.4	
Heating Capacity		kW	56.0	
Operating Range	Cooling	°C	-15.0 to 50.0	
	Heating		-25.0 to 15.5	
Cooling	Power Consumption	kW	14.78	
	EER/SEER/Energy Efficiency Class (or nsc %)		3.41/8.32/329.8	
Heating	Power Consumption	kW	14.00	
	COP/SCOP/Energy Efficiency Class (or nsc(A) %)		3.60/4.49/176.6	
Fan(s)	Standard Air Flow H	l/s	4666	
	Standard Air Flow H	m <sup>3</sup> /h	16800	
	External Static Pressure	Pa	80	
Sound	Pressure Level C/H	dB(A)	61/67	
	Power Level C/H	dB(A)	84/89	
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	
	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	
Maximum	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	24.80/23.80
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](#)



## Cool Designs Ltd

Raising the Standards in Air Conditioning Distribution