# **TOSHIBA**

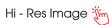
# VRF SHRMa R32: MMY - SUG1201MT8P-E

## STAND ALONE

- Market leading efficiency: SEER 8.23 SCOP 4.62.
- 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.









Performance & O	utdoor Data		
Capacity Range		HP	12
Maximum Number of Indoor Units		QTY	27
Cooling Capacity		kW	33.5
Heating Capacity		kW	37.5
Operating Range	Cooling	°C	-15.0 to 50.0
	Heating		-25.0 to 15.5
Cooling	Power Consumption	kW	8.88
	EER/SEER/Energy Efficiency Class (or nsc %)		3.77/8.23/326.2
Heating	Power Consumption	kW	7.64
	COP/SCOP/Energy Efficiency Class (or nsc(A) %)		4.38/4.62/181.8
Fan(s)	Standard Air Flow H	l/s	3250
	Standard Air Flow H	m3/h	11700
	External Static Pressure	Pa	80
Sound	Pressure Level C/H	dB(A)	58/62
	Power Level C/H	dB(A)	79/82
Unit(s)	Height x Width x Depth	mm	1690 x 990 x 78
	Weight	kg	232
	Refrigerant Base Charge	kg	6.0
Pipe Connections	Suction Gas Pipe Brazing	inch	1-1/8
	Discharge Pipe Brazing	inch	3/4
	Liquid Pipe Flare	inch	1/2
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	14.20/12.5
	Power Supply Wiring Starting Current	A	Soft Start
	Power Supply	V/ph/Hz	380-415/3/50
	Suggested Fused Supply(s)	A	20

#### \*All Accessories / Controls

### Related items:

- Full specification
- BIM files
- **CAD** files
- Refrigerant cycle
- Dimensional drawing
- Wiring diagram
- Noise curve data
- Installation manual



