TOSHIBA

PRODUCT SPECIFICATION

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_2 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	m3/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
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	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