


## VRF SHRM<sub>e</sub> R410a: MMY - MAP1806FT8P-UK

### STAND ALONE

- SHRM-e can reach up to 1,000 meters maximum piping length.
- Surface area increased by 13% with 3-row heat exchanger enhancing efficiency.
- Toshiba's unique combination of twin rotary compressors and inverter driven control.
- Emphasis on driving excellence in energy savings and enhancement in applications.
- Unique Diamond Like Carbon Coating technology offers outstanding wear resistance.



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	56.5
Operating Range	Cooling	°C	-10.0 to 46.0
	Heating		-25.0 to 15.5
Cooling	Power Consumption	kW	16.00
	EER/SEER/Energy Efficiency Class (or nsc %)		3.15/5.94/234.6
Heating	Power Consumption	kW	13.70
	COP/SCOP/Energy Efficiency Class (or nsc(A) %)		3.67/3.59/140.6
Fan(s)	Standard Air Flow H	l/s	4806
	Standard Air Flow H	m <sup>3</sup> /h	17300
	External Static Pressure	Pa	40
Sound	Pressure Level C/H	dB(A)	61/62
	Power Level C/H	dB(A)	83/84
Unit(s)	Height x Width x Depth	mm	1830 x 1600 x 780
	Weight	kg	377
Pipe Connections	Refrigerant Base Charge	kg	11
	Suction Gas Pipe Brazing	inch	1-1/8
	Discharge Pipe Brazing	inch	7/8
	Liquid Pipe Flare	inch	3/4
	Balance Pipe Flare	inch	3/8
	Equivalent Length	m	200
	Real Length	m	180
	Total Pipe Length (Liquid Line Real Length)	m	300
	Length To First Branch Height Difference Between Indoor Units ≤ 3 m	m	100
	Length To First Branch Height Difference Between Indoor Units > 3 m	m	85
Maximum	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10
	Real Length Between Single Port FS Unit and Indoor Unit (3 series)	m	50 (15)
	Real Length Between Multi Port FS Unit and Indoor Unit	m	50
	Real Length Of Indoor Unit Connecting Piping	m	30
	Equivalent Length Between Branches	m	50
	Height Difference Outdoor Higher Than Indoor Units	m	70
	Height Difference Outdoor Lower Than Indoor Units	m	30
	Height Difference Between Indoor Units	m	40
	Height Difference Between Outdoor Units	m	5
	Electrical	Voltage Range Minimum/Maximum	V
Electrical Characteristic Running Current Cooling/Heating		A	25.1/21.49
Power Supply Wiring Starting Current		A	Soft Start
Power Supply		V/ph/Hz	380-415/3/50
Suggested Fused Supply(s)		A	40

### \*All Accessories / Controls

#### Related items:

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

