

TOSHIBA

Leading Innovation >>>

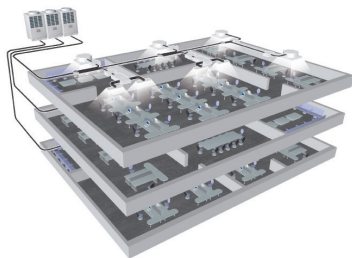
SMMS VRF Heat Pump System



- Modular design, light weight and compact from 5 to 48 hp, 14 to 150 kW
- Utilises R410A none ozone depleting Refrigerant
- High-efficiency DC twin-inverter compressor
- Indoor unit capacity between 50 and 135% of the connected outdoor units
- High EER for reduced energy consumption
- High-lift design, greater location flexibility
- State-of-the-art communication bus system with automatic configuration addressing
- Advanced auto-diagnosis systems
- Low noise level
- Intelligent control and modulating values
- Compatible with a wide range of control systems

The 2-pipe (heating and cooling) VRF Super Modular Multi System (SMMS) operates with R410A refrigerant and incorporates the latest inverter technology in all outdoor unit models.

In addition, the innovative design incorporates two inverter driven compressors in every module. The capacities range from 14 to 135 kW in cooling mode and 16 to 150 kW in heating mode with a capability to serve up to 48 indoor units.



Model	Outdoor Unit						
	MMY	MAP0501HT8-E	MAP0601HT8-E	MAP0801HT8-E	MAP1001HT8-E	MAP1201HT8-E	
System Data	Cooling Capacity	kW	14	16	22.4	28	33.5
	Heating Capacity	kW	16	18	25	31.5	37.5
	Power Input, Cooling/Heating	kW	3.65/3.84	4.64/4.56	5.67/5.88	7.68/7.97	11.92/10.19
	COP	W/W	4.17	3.95	4.25	3.95	3.68
	EER	W/W	3.84	3.45	3.95	3.65	2.81
	SEER	W/W	6.6	6.05	6.91	6.38	6.12
	Energy Label, Cooling / Heating	A/A	A/A	A/A	A/A	A/A	A/A
	UK Conditions - Cooling Capacity	kW	13.4	15.31	21.44	26.8	32.16
	UK Conditions - Sensible Cooling Capacity	kW	10.05	12.06	16.08	20.1	24.12
	UK Conditions - Heating Capacity	kW	12.95	15.54	20.72	25.9	31.08
	Max. number of connectable indoor units		8	10	13	16	20
	Dimensions height x width x depth	mm	1800x990x750	1800x990x750	1800x990x750	1800x990x750	1800x990x750
	Weight	kg	228	228	258	258	258
	Maximum equivalent pipe length	m	175	175	175	175	175
	Maximum actual pipe length	m	150	150	150	150	150
	Maximum total pipe length	m	300	300	300	300	300
	Max. height difference - indoor unit above/below	m	40/50	40/50	40/50	40/50	40/50
	Sound Pressure Level (cooling/heating)	dB(A)	55/55	56/56	57/57	58/58	59/59
Maximum Operating Current	A	6.09	7.28	8.93	11.98	18.3	
Base charge refrigerant level	kg	8.5	8.5	11.8	11.8	11.8	

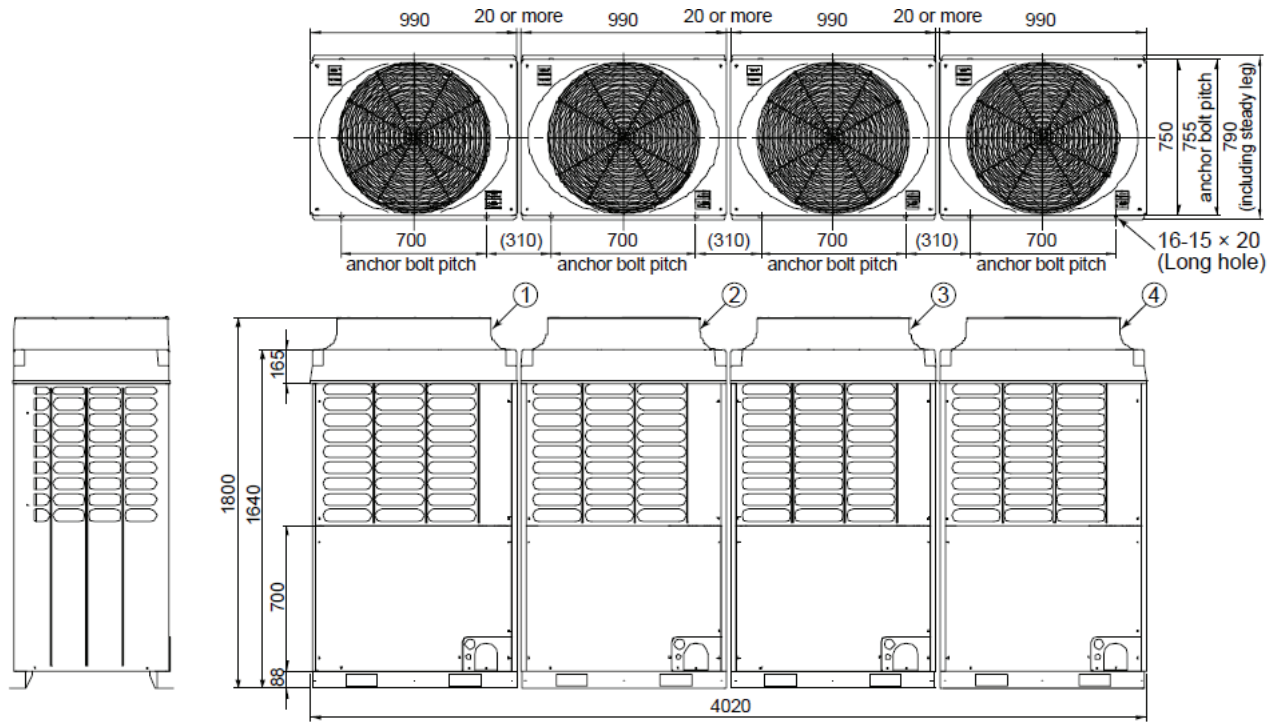
All data is based on Toshiba Nominal Conditions as described in the back of our standard price list.

Super Modular Multi System (SMMS) VRF Heat Pump System

TOSHIBA AIRCONDITIONING

Advancing the **eco**-evolution

OUTDOOR UNITS



COMBINATIONS OF OUTDOOR UNITS

Model Name	Size	Cooling capacity	Heating capacity	Outdoor units in combination	No. of indoor units Max
MMY-MAP0501HT8-E	5 HP	14 kW	16 kW	1	8
MMY-MAP0601HT8-E	6 HP	16 kW	18 kW	1	10
MMY-MAP0801HT8-E	8 HP	22.4 kW	25 kW	1	13
MMY-MAP1001HT8-E	10 HP	28 kW	31.5 kW	1	16
MMY-MAP1201HT8-E	12 HP	33.5 kW	37.5 kW	1	20
MMY-AP1401HT8-E	14 HP	38.4 kW	43 kW	2 (8 HP + 6 HP)	23
MMY-AP1601HT8-E	16 HP	45 kW	50 kW	2 (8 HP + 8 HP)	27
MMY-AP1801HT8-E	18 HP	50.4 kW	56.5 kW	2 (10 HP + 8 HP)	30
MMY-AP2001HT8-E	20 HP	56 kW	63 kW	2 (10 HP + 10 HP)	33
MMY-AP2201HT8-E	22 HP	61.5 kW	69 kW	3 (8 HP + 8 HP + 6 HP)	37
MMY-AP2211HT8-E	22 HP	61.5 kW	69 kW	2 (10 HP + 12 HP)	37
MMY-AP2401HT8-E	24 HP	68 kW	76.5 kW	3 (8 HP + 8 HP + 8 HP)	40
MMY-AP2411HT8-E	24 HP	68 kW	76.5 kW	2 (12 HP + 12 HP)	40
MMY-AP2601HT8-E	26 HP	73 kW	81.5 kW	3 (10 HP + 8 HP + 8 HP)	43
MMY-AP2801HT8-E	28 HP	78.5 kW	88 kW	3 (10 HP + 10 HP + 8 HP)	47
MMY-AP3001HT8-E	30 HP	84 kW	95 kW	3 (10 HP + 10 HP + 10 HP)	48
MMY-AP3201HT8-E	32 HP	90 kW	100 kW	4 (8 HP + 8 HP + 8 HP + 8 HP)	48
MMY-AP3211HT8-E	32 HP	90 kW	100 kW	3 (12 HP + 10 HP + 10 HP)	48
MMY-AP3401HT8-E	34 HP	96 kW	108 kW	4 (10 HP + 8 HP + 8 HP + 8 HP)	48
MMY-AP3411HT8-E	34 HP	96 kW	108 kW	3 (12 HP + 12 HP + 10 HP)	48
MMY-AP3601HT8-E	36 HP	101 kW	113 kW	4 (10 HP + 10 HP + 8 HP + 8 HP)	48
MMY-AP3611HT8-E	36 HP	101 kW	113 kW	3 (12 HP + 12 HP + 12 HP)	48
MMY-AP3801HT8-E	38 HP	106.5 kW	119.5 kW	4 (10 HP + 10 HP + 10 HP + 8 HP)	48
MMY-AP4001HT8-E	40 HP	112 kW	126.5 kW	4 (10 HP + 10 HP + 10 HP + 10 HP)	48
MMY-AP4201HT8-E	42 HP	118 kW	132 kW	4 (12 HP + 10 HP + 10 HP + 10 HP)	48
MMY-AP2802FT8-E	44 HP	123.5 kW	138 kW	4 (12 HP + 12 HP + 10 HP + 10 HP)	48
MMY-AP3002FT8-E	46 HP	130 kW	145 kW	4 (12 HP + 12 HP + 12 HP + 10 HP)	48
MMY-AP3002FT8-E	48 HP	132 kW	150 kW	4 (12 HP + 12 HP + 12 HP + 12 HP)	48