



## SHRMe - VRF 3-Pipe Heat Recovery High Efficiency Outdoor Unit

CODE		448	504	560	672	
<b>Combination</b>		MMY-	AP1626FT8P-UK	AP1826FT8P-UK	AP2026FT8P-UK	AP2426FT8P-UK
<b>Model Name Heat Recovery</b>		MMY-	MAP0806FT8P-UK MAP0806FT8P-UK	MAP0806FT8P-UK MAP1006FT8P-UK	MAP1006FT8P-UK MAP1006FT8P-UK	MAP0806FT8P-UK MAP0806FT8P-UK MAP0806FT8P-UK
<b>Capacity Range</b>		hp	16	18	20	24
<b>Maximum Number of Indoor Units</b>		QTY	36	40	41	54
Cooling Capacity		kW	44.8	50.4	56.0	67.2
Heating Capacity		kW	50.0	56.5	63.0	75.0
Operating Range Cooling/Heating		°C	-10.0 to 46.0/ -25.0 to 15.5	-10.0 to 46.0/ -25.0 to 15.5	-10.0 to 46.0/ -25.0 to 15.5	-10.0 to 46.0/ -25.0 to 15.5
Cooling	Power Consumption	kW	12.13	14.18	16.23	18.20
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.76/6.19/244.6	3.64/6.16/243.0	3.51/6.13/242.2	3.76/6.19/244.6
Heating	Power Consumption	kW	10.77	12.28	13.79	16.15
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		4.14/3.64/142.6	4.06/3.59/140.4	3.97/3.54/138.6	4.14/3.64/142.6
Fan(s)	Standard Air Flow H	l/s	2694 + 2694	2694 + 2694	2694 + 2694	2694 + 2694 + 2694
	Standard Air Flow H	m³/h	9700 + 9700	9700 + 9700	9700 + 9700	9700 + 9700 + 9700
	External Static Pressure	Pa	60	60	50	60
Sound	Pressure Level C/H	dB(A)	62/64	62/64	62/64	62/64
	Power Level C/H	dB(A)	83/85	83/85	83/85	83/85
Unit(s)	Height x Width x Depth	mm	1830 x 2000 x 780	1830 x 2000 x 780	1830 x 2000 x 780	1830 x 3010 x 780
	Weight	kg	263 + 263	263 + 263	263 + 263	263 + 263 + 263
	Refrigerant Base Charge	kg	11.0 + 11.0	11.0 + 11.0	11.0 + 11.0	11.0 + 11.0 + 11.0
Pipe Connections	Suction Gas Pipe Brazing	inch	1-1/8	1-1/8	1-1/8	1-3/8
	Discharge Pipe Brazing	inch	7/8	7/8	7/8	1-1/8
	Liquid Pipe Flare	inch	3/4	3/4	3/4	3/4
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8
Maximum	Equivalent Length	m	200	200	200	200
	Real Length	m	180	180	180	180
	Total Pipe Length (Liquid Line Real Length)	m	300	300	300	300
	Length To First Branch Height Difference Between Indoor Units ≤ 3 m	m	100	100	100	100
	Length To First Branch Height Difference Between Indoor Units > 3 m	m	85	85	85	85
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10
	Real Length Between Single Port FS Unit and Indoor Unit (3 series)	m	50 (15)	50 (15)	50 (15)	50 (15)
	Real Length Between Multi Port FS Unit and Indoor Unit	m	15	15	15	50
	Real Length Of Indoor Unit Connecting Piping	m	30	30	30	30
	Equivalent Length Between Branches	m	50	50	50	50
	Height Difference Outdoor Higher Than Indoor Units	m	70	70	70	70
	Height Difference Outdoor Lower Than Indoor Units	m	30	30	30	30
	Height Difference Between Indoor Units	m	40	40	40	40
	Height Difference Between Outdoor Units	m	5	5	5	5
Electrical	Voltage Range Minimum/Maximum	V	342/456	342/456	342/456	342/456
	Electrical Characteristic Run Current Cooling/ Heating	A	18.88/17.14	21.93/19.63	24.98/22.12	28.32/25.71
	Power Supply Wiring Starting Current		Soft Start	Soft Start	Soft Start	Soft Start
	Power Supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Suggested Fused Supply(s)	A	20 + 20	20 + 25	25 + 25	20 + 20 + 20

### Accessories

RBM-BY55FE	VRF 3-pipe Y Joint	SHRMe Capacities below 6.4 hp
RBM-BY105FE	VRF 3-pipe Y Joint	SHRMe Capacities 6.4 - 14.2 hp
RBM-BY205FE	VRF 3-pipe Y Joint	SHRMe Capacities 14.2 - 25.2 hp
RBM-BY305FE	VRF 3-pipe Y Joint	SHRMe Capacities above 25.2 hp
RBM-HY1043FE	VRF 3-pipe 4-way Header	SHRMe Capacities below 6.4 hp
RBM-HY2043FE	VRF 3-pipe 4-way Header	SHRMe Capacities 6.4 - 14.2 hp
RBM-HY1083FE	VRF 3-pipe 8-way Header	SHRMe Capacities 14.2 - 25.2 hp
RBM-HY2083FE	VRF 3-pipe 8-way Header	SHRMe Capacities above 25.2 hp
RBM-BT14FE	VRF CDU 3-pipe Modular Kit	SHRMe Capacities below 26 hp
RBM-BT24FE	VRF CDU 3-pipe Modular Kit	SHRMe Capacities above 26 hp

**Note:** Indoor connected capacity of outdoor capacity. Use Data Book for specific details  
 Indoor to Indoor ≤ 15 m - Diversity 70 to 135%  
 Indoor to Indoor > 15 m - Diversity 70 to 105%



## SHRMe - VRF 3-Pipe Heat Recovery High Efficiency Outdoor Unit (continued)

CODE		728	784	840	1005	1180	
<b>Combination</b>		MMY-	AP2626FT8P-UK	AP2826FT8P-UK	AP3026FT8P-UK	AP3626FT8P-UK	AP4226FT8P-UK
<b>Model Name Heat Recovery</b>		MMY-	MAP0806FT8P-UK MAP0806FT8P-UK MAP1006FT8P-UK	MAP0806FT8P-UK MAP1006FT8P-UK MAP1006FT8P-UK	MAP1006FT8P-UK MAP1006FT8P-UK MAP1006FT8P-UK	MAP1206FT8P-UK MAP1206FT8P-UK MAP1206FT8P-UK	MAP1606FT8P-UK MAP1606FT8P-UK MAP1006FT8P-UK
<b>Capacity Range</b>		hp	26	28	30	36	42
<b>Maximum Number of Indoor Units</b>		QTY	58	63	64	64	64
Cooling Capacity		kW	72.8	78.4	84.0	100.5	118.0
Heating Capacity		kW	81.5	88.0	94.5	112.5	131.5
Operating Range Cooling/Heating		°C	-10.0 to 46.0/ -25.0 to 15.5	-10.0 to 46.0/ -25.0 to 15.5	-10.0 to 46.0/-25.0 to 15.5	-10.0 to 46.0/-25.0 to 15.5	-10.0 to 46.0/-25.0 to 15.5
Cooling	Power Consumption	kW	20.25	22.30	23.9	29.3	35.8
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.68/6.17/243.4	3.68/6.15/242.8	3.51/6.13/242.2	3.43/6.02/237.8	3.32/5.90/232.4
Heating	Power Consumption	kW	17.66	19.17	21.2	26.1	31.5
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		4.08/3.61/141.0	4.08/3.57/139.6	3.97/3.54/138.6	3.85/3.71/145.4	3.78/3.52/137.6
Fan(s)	Standard Air Flow H	l/s	2694 + 2694 + 2694	2694 + 2694 + 2694	2694 + 2694 + 2694	3389 + 3389 + 3389	4806 + 4806 + 2694
	Standard Air Flow H	m³/h	9700 + 9700 + 9700	9700 + 9700 + 9700	9700 + 9700 + 9700	12200 + 12200 + 12200	17300 + 17300 + 9700
Sound	External Static Pressure	Pa	50	50	50	50	40
	Pressure Level C/H	dB(A)	62/64	62/64	62/64	63/65	63/64.5
	Power Level C/H	dB(A)	83/85	83/85	83/85	83/85	85/86
Unit(s)	Height x Width x Depth	mm	1830 x 3010 x 780	1830 x 3010 x 780	1830 x 3010 x 780	1830 x 3670 x 780	1830 x 4230 x 780
	Weight	kg	263 + 263 + 263	263 + 263 + 263	263 + 263 + 263	316 + 316 + 316	377 + 377 + 263
	Refrigerant Base Charge	kg	11.0 + 11.0 + 11.0	11.0 + 11.0 + 11.0	11.0 + 11.0 + 11.0	11.0 + 11.0 + 11.0	11.0 + 11.0 + 11.0
Pipe Connections	Suction Gas Pipe Brazing	inch	1-3/8	1-3/8	1-3/8	1-5/8	1-5/8
	Discharge Pipe Brazing	inch	1-1/8	1-1/8	1-1/8	1-3/8	1-3/8
	Liquid Pipe Flare	inch	7/8	7/8	7/8	7/8	7/8
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8	3/8
Maximum	Equivalent Length	m	200	200	200	200	200
	Real Length	m	180	180	180	180	180
	Total Pipe Length (Liquid Line Real Length)	m	300	300	300	1000	1000
	Length To First Branch Height Difference Between Indoor Units ≤ 3 m	m	100	100	100	100	100
	Length To First Branch Height Difference Between Indoor Units > 3 m	m	85	85	85	85	85
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10	10
	Real Length Between Single Port FS Unit and Indoor Unit (3 series)	m	50 (15)	50 (15)	50 (15)	50 (15)	50 (15)
	Real Length Between Multi Port FS Unit and Indoor Unit	m	50	50	50	50	50
	Real Length Of Indoor Unit Connecting Piping	m	30	30	30	30	30
	Equivalent Length Between Branches	m	50	50	50	50	50
	Height Difference Outdoor Higher Than Indoor Units	m	70	70	70	70	70
	Height Difference Outdoor Lower Than Indoor Units	m	30	30	30	30	30
	Height Difference Between Indoor Units	m	40	40	40	40	40
	Height Difference Between Outdoor Units	m	5	5	5	5	5
Electrical	Voltage Range Minimum/Maximum	V	342/456	342/456	342/456	342/456	342/456
	Electrical Characteristic Run Current Cooling/ Heating	A	31.37/28.2	34.42/30.69	37.47/33.18	46.38/41.40	56.11/49.34
	Power Supply Wiring Starting Current		Soft Start	Soft Start	Soft Start	Soft Start	Soft Start
	Power Supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Suggested Fused Supply(s)	A	20 + 20 + 25	20 + 25 + 25	25 + 25 + 25	25 + 25 + 25	40 + 40 + 25

### Accessories

RBM-BY55FE	VRF 3-pipe Y Joint	SHRMe Capacities below 6.4 hp
RBM-BY105FE	VRF 3-pipe Y Joint	SHRMe Capacities 6.4 - 14.2 hp
RBM-BY205FE	VRF 3-pipe Y Joint	SHRMe Capacities 14.2 - 25.2 hp
RBM-BY305FE	VRF 3-pipe Y Joint	SHRMe Capacities above 25.2 hp
RBM-HY1043FE	VRF 3-pipe 4-way Header	SHRMe Capacities below 6.4 hp
RBM-HY2043FE	VRF 3-pipe 4-way Header	SHRMe Capacities 6.4 - 14.2 hp
RBM-HY1083FE	VRF 3-pipe 8-way Header	SHRMe Capacities 14.2 - 25.2 hp
RBM-HY2083FE	VRF 3-pipe 8-way Header	SHRMe Capacities above 25.2 hp
RBM-BT14FE	VRF CDU 3-pipe Modular Kit	SHRMe Capacities below 26 hp
RBM-BT24FE	VRF CDU 3-pipe Modular Kit	SHRMe Capacities above 26 hp

**Note:** Indoor connected capacity of outdoor capacity. Use Data Book for specific details  
 Indoor to Indoor ≤ 15 m - Diversity 70 to 135%  
 Indoor to Indoor > 15 m - Diversity 70 to 105%