



SHRMe - VRF 3-Pipe Heat Recovery Outdoor Unit

CODE		224	280	335	400	450		
Combination		MMY-						
Model Name Heat Recovery		MMY-	MAP0806FT8P-UK	MAP1006FT8P-UK	MAP1206FT8P-UK	MAP1406FT8P-UK	MAP1606FT8P-UK	
Capacity Range		hp	8	10	12	14	16	
Maximum Number of Indoor Units		QTY	18	22	27	31	36	
Cooling Capacity		kW	22.4	28.0	33.5	40.0	45.0	
Heating Capacity		kW	25.0	31.5	37.5	45.0	50.0	
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	-10.0 to 46.0/ -25.0 to 15.5	
Cooling	Power Consumption	kW	5.95	7.96	9.75	12.70	13.90	
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.76/6.19/244.6	3.51/6.13/242.2	3.43/6.02/237.8	3.14/5.67/223.8	3.23/5.78/228.2	
Heating	Power Consumption	kW	5.40	7.05	8.70	10.50	12.20	
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		4.14/3.64/142.6	3.97/3.54/138.6	3.85/3.71/145.4	3.80/3.57/139.8	3.68/3.51/137.4	
Fan(s)	Standard Air Flow H	l/s	2694	2694	3389	3389	4806	
	Standard Air Flow H	m³/h	9700	9700	12200	12200	17300	
	External Static Pressure	Pa	60	50	50	40	40	
Sound	Pressure Level C/H	dB(A)	59/61	59/61	60/62	62/64	61/62	
	Power Level C/H	dB(A)	80/82	80/82	80/82	81/83	83/84	
Unit(s)	Height x Width x Depth	mm	1830 x 990 x 780	1830 x 990 x 780	1830 x 1210 x 780	1830 x 1210 x 780	1830 x 1600 x 780	
	Weight	kg	263	263	316	316	377	
Pipe Connections	Refrigerant Base Charge	kg	11	11	11	11	11	
	Suction Gas Pipe Brazing	inch	7/8	7/8	1-1/8	1-1/8	1-1/8	
	Discharge Pipe Brazing	inch	3/4	3/4	3/4	7/8	7/8	
	Liquid Pipe Flare	inch	1/2	1/2	1/2	5/8	3/4	
Maximum	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8	3/8	
	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	300	300	
	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	9.44/8.57	12.49/11.06	15.46/13.8	19.92/16.47	21.81/19.14
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	25	25	32	40	

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 Outdoor Unit (continued)

CODE		504	560	615	680	735	
Combination		MMY-			AP2216FT8P-UK	AP2416FT8P-UK	AP2616FT8P-UK
Model Name Heat Recovery		MMY-	MAP1806FT8P-UK	MAP2006FT8P-UK	MAP1206FT8P-UK MAP1006FT8P-UK	MAP1406FT8P-UK MAP1006FT8P-UK	MAP1406FT8P-UK MAP1206FT8P-UK
Capacity Range		hp	18	20	22	24	26
Maximum Number of Indoor Units		QTY	40	41	49	54	58
Cooling Capacity		kW	50.4	56.0	61.5	68.0	73.5
Heating Capacity		kW	56.5	58.0	69.0	76.5	82.5
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	16.00	18.60	17.71	20.66	22.45
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.15/5.94/234.6	3.01/5.68/224.2	3.47/6.07/239.8	3.29/5.88/232.2	3.27/5.84/230.6
Heating	Power Consumption	kW	13.70	15.90	15.75	17.55	19.20
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.67/3.59/140.6	3.52/3.60/141.0	3.90/3.64/142.6	3.87/3.56/139.4	3.83/3.64/142.6
Fan(s)	Standard Air Flow H	l/s	4806	4972	3389 + 2694	3389 + 2694	3389 + 3389
	Standard Air Flow H	m ³ /h	17300	17900	12200 + 9700	12200 + 9700	12200 + 12200
	External Static Pressure	Pa	40	40	50	40	40
Sound	Pressure Level C/H	dB(A)	61/62	61/62	63/65	64/66	64.5/66.5
	Power Level C/H	dB(A)	83/84	83/84	83.5/85.5	84/86	84/86
Unit(s)	Height x Width x Depth	mm	1830 x 1600 x 780	1830 x 1600 x 780	1830 x 2220 x 780	1830 x 2220 x 780	1830 x 2440 x 780
	Weight	kg	377	377	316 + 263	316 + 263	316 + 316
	Refrigerant Base Charge	kg	11	11	11 + 11	11 + 11	11 + 11
Pipe Connections	Suction Gas Pipe Brazing	inch	1-1/8	1-1/8	1-3/8	1-3/8	1-3/8
	Discharge Pipe Brazing	inch	7/8	7/8	1-1/8	1-1/8	1-1/8
	Liquid Pipe Flare	inch	3/4	3/4	3/4	3/4	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	300	300
	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	25.1/21.49	29.18/24.68	27.94/24.85	32.41/27.53	35.41/30.29
	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	40	50	25 + 25	32 + 25	32 + 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%



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

CODE		800	850	904	954	1008	
Combination		MMY-	AP2816FT8P-UK	AP3016FT8P-UK	AP3216FT8P-UK	AP3416FT8P-UK	AP3616FT8P-UK
Model Name Heat Recovery		MMY-	MAP1406FT8P-UK MAP1406FT8P-UK	MAP1606FT8P-UK MAP1406FT8P-UK	MAP1806FT8P-UK MAP1406FT8P-UK	MAP1806FT8P-UK MAP1606FT8P-UK	MAP1806FT8P-UK MAP1806FT8P-UK
Capacity Range		hp	28	30	32	34	36
Maximum Number of Indoor Units		QTY	63	64	64	64	64
Cooling Capacity		kW	80.0	85.0	90.4	95.4	100.8
Heating Capacity		kW	90.0	95.0	101.5	106.5	113.0
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	-10.0 to 46.0/ -25.0 to 15.5
Cooling	Power Consumption	kW	25.40	26.60	27.80	29.90	32.00
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.15/5.67/223.8	3.20/5.72/225.8	3.25/5.82/229.8	3.19/5.86/231.4	3.15/5.94/234.6
Heating	Power Consumption	kW	21.00	22.70	24.40	25.90	27.40
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.81/3.57/139.8	3.74/3.54/138.6	3.70/3.59/140.6	3.68/3.55/139.0	3.68/3.59/140.6
Fan(s)	Standard Air Flow H	l/s	3389 + 3389	4806 + 3389	4806 + 3389	4806 + 4806	4806 + 4806
	Standard Air Flow H	m³/h	12200 + 12200	17300 + 12200	17300 + 12200	17300 + 17300	17300 + 17300
	External Static Pressure	Pa	40	40	40	40	40
Sound	Pressure Level C/H	dB(A)	65.5/67.5	65/66.5	65/66.5	64.5/65.5	64.5/65.5
	Power Level C/H	dB(A)	84.5/86.5	85.5/87	85.5/87	86.5/87.5	86.5/87.5
Unit(s)	Height x Width x Depth	mm	1830 x 2440 x 780	1830 x 2830 x 780	1830 x 2830 x 780	1830 x 3220 x 780	1830 x 3220 x 780
	Weight	kg	316 + 316	377 + 316	377 + 316	377 + 377	377 + 377
	Refrigerant Base Charge	kg	11 + 11	11 + 11	11 + 11	11 + 11	11 + 11
Pipe Connections	Suction Gas Pipe Brazing	inch	1-3/8	1-3/8	1-3/8	1-3/8	1-5/8
	Discharge Pipe Brazing	inch	1-1/8	1-1/8	1-1/8	1-1/8	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	300	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	39.85/32.95	41.73/35.61	43.62/38.28	46.91/40.63	50.2/42.99
	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	32 + 32	40 + 32	40 + 32	40 + 40	40 + 40

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 Outdoor Unit (continued)

CODE		1064	1120	1200	
Combination		MMY-	AP3816FT8P-UK	AP4016FT8P-UK	AP4216FT8P-UK
Model Name Heat Recovery		MMY-	MAP2006FT8P-UK MAP1806FT8P-UK	MAP2006FT8P-UK MAP2006FT8P-UK	MAP1406FT8P-UK MAP1406FT8P-UK MAP1406FT8P-UK
Capacity Range		hp	38	40	42
Maximum Number of Indoor Units		QTY	64	64	64
Cooling Capacity		kW	106.4	112.0	120.0
Heating Capacity		kW	114.5	116.0	135.0
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
Cooling	Power Consumption	kW	34.60	37.20	38.10
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.08/5.81/229.4	3.01/5.68/224.2	3.15/5.67/223.8
Heating	Power Consumption	kW	29.60	31.80	31.50
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.59/3.60/141.0	3.52/3.60/141.0	3.81/3.57/139.8
Fan(s)	Standard Air Flow H	l/s	4972 + 4806	4972 + 4972	3389 + 3389 + 3389
	Standard Air Flow H	m³/h	17900 + 17300	17900 + 17900	12200 + 12200 + 12200
	External Static Pressure	Pa	40	40	40
Sound	Pressure Level C/H	dB(A)	64.5/65.5	64.5/65.5	67/69
	Power Level C/H	dB(A)	86.5/87.5	86.5/87.5	86/88
Unit(s)	Height x Width x Depth	mm	1830 x 3220 x 780	1830 x 3220 x 780	1830 x 3670 x 780
	Weight	kg	377 + 377	377 + 377	316 + 316 + 316
	Refrigerant Base Charge	kg	11 + 11	11 + 11	11 + 11 + 11
Pipe Connections	Suction Gas Pipe Brazing	inch	1-5/8	1-5/8	1-5/8
	Discharge Pipe Brazing	inch	1-3/8	1-3/8	1-3/8
	Liquid Pipe Flare	inch	7/8	7/8	7/8
	Balance Pipe Flare	inch	3/8	3/8	3/8
Maximum	Maximum Equivalent Length	m	200	200	200
	Real Length	m	180	180	180
	Total Pipe Length (Liquid Line Real Length)	m	1000	1000	1000
	Length To First Branch Height Difference Between Indoor Units ≤ 3 m	m	100	100	100
	Length To First Branch Height Difference Between Indoor Units > 3 m	m	85	85	85
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10
	Real Length Between Single Port FS Unit and Indoor Unit (3 series)	m	50 (15)	50 (15)	50 (15)
	Real Length Between Multi Port FS Unit and Indoor Unit	m	50	50	50
	Real Length Of Indoor Unit Connecting Piping	m	30	30	30
	Equivalent Length Between Branches	m	50	50	50
	Height Difference Outdoor Higher Than Indoor Units	m	70	70	70
	Height Difference Outdoor Lower Than Indoor Units	m	30	30	30
	Height Difference Between Indoor Units	m	40	40	40
	Height Difference Between Outdoor Units	m	5	5	5
Electrical	Voltage Range Minimum/Maximum	V	342/456	342/456	342/456
	Electrical Characteristic Run Current Cooling/Heating	A	54.28/46.19	58.36/49.35	59.8/49.4
	Power Supply Wiring Starting Current		Soft Start	Soft Start	Soft Start
	Power Supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50
Suggested Fused Supply(s)		A	50 + 40	50 + 50	32 + 32 + 32

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%