



SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit

CODE		224	280	335	400	450	
Combination		MMY-					
Model Name Heat Pump		MMY-	MAP0806HT8P-E	MAP1006HT8P-E	MAP1206HT8P-E	MAP1406HT8P-E	MAP1606HT8P-E
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	5.54	7.69	10.0	12.3	14.3
	EER/SEER/Energy Efficiency Class (or ηsc %)		4.04/6.24/246.6	3.64/6.15/243.0	3.35/6.03/238.2	3.25/5.69/224.6	3.15/5.33/210.2
Heating	Power Consumption	kW	5.53	7.41	9.65	11.2	12.9
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		4.52/3.64/142.6	4.25/3.54/138.6	3.89/3.67/143.8	4.02/3.57/139.8	3.88/3.70/145
Fan(s)	Standard Air Flow H	l/s	2694	2694	3389	3389	3500
	Standard Air Flow H	m³/h	9700	9700	12200	12200	12600
	External Static Pressure	Pa	60	60	50	50	40
Sound	Pressure Level C/H	dB(A)	55/56	57/58	59/61	60/62	62/64
	Power Level C/H	dB(A)	74/74	74/74	80/82	80/82	81/83
Unit(s)	Height x Width x Depth	mm	1830 x 990 x 780	1830 x 990 x 780	1830 x 990 x 780	1830 x 1210 x 780	1830 x 1210 x 780
	Weight	kg	242	242	242	300	300
	Refrigerant Base Charge	kg	11.5	11.5	11.5	11.5	11.5
Pipe Connections	Suction Gas Pipe Brazing	inch	3/4	7/8	1-1/8	1-1/8	1-1/8
	Liquid Pipe Flare	inch	1/2	1/2	1/2	5/8	5/8
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8	3/8
Maximum	Equivalent Length	m	210	210	210	210	210
	Real Length	m	170	170	170	170	170
	Total Pipe Length (Liquid Line Real Length)	m	300	300	300	300	300
	Length To First Branch	m	100	100	100	100	100
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10	10
	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	40	40	40	40	40
	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
Electrical Characteristic Run Current Cooling/Heating		A	8.79/8.77	12.10/11.60	15.50/15.00	19.50/17.80	22.40/20.20
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-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp*
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above*
RBM-BY55E	VRF 2-pipe Y Joint	SMMSe & MiNi SMMS Capacities below 6.4 hp*
RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp*
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp*
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above*
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp*
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp*
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply)*

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.





SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit (continued)

CODE		504	560	615	670	735		
Combination		MMY-						
Model Name Heat Pump		MMY-	MAP1806HT8P-E	MAP2006HT8P-E	MAP2206HT8P-E	AP2416HT8P-E MAP1206HT8P-E MAP1206HT8P-E	AP2616HT8P-E MAP1406HT8P-E MAP1206HT8P-E	
Capacity Range		hp	18	20	22	24	26	
Maximum Number of Indoor Units		QTY	40	45	49	54	58	
Cooling Capacity		kW	50.4	56.0	61.5	67.0	73.5	
Heating Capacity		kW	56.0	63.0	64.0	75.0	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	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	
Cooling	Power Consumption	kW	14.6	17.3	23.2	20.0	22.3	
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.45/6.01/237.4	3.24/5.74/226.6	2.65/5.07/136.6	3.35/6.03/238.2	3.3/5.85/231.0	
Heating	Power Consumption	kW	14.1	17.0	17.1	19.3	20.9	
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.97/3.59/140.6	3.71/3.60/141	3.74/3.49/136.6	3.89/3.67/143.8	3.96/3.62/141.8	
Fan(s)	Standard Air Flow H	l/s	4806	4972	5139	3389 + 3389	3389 + 3389	
	Standard Air Flow H	m³/h	17300	17900	18500	12200 + 12200	12200 + 12200	
	External Static Pressure	Pa	50	40	40	50	50	
Sound	Pressure Level C/H	dB(A)	60/61	61/62	61/62	62/64	62.5/64.5	
	Power Level C/H	dB(A)	81/83	82/84	83/84	83/85	83/85	
Unit(s)	Height x Width x Depth	mm	1830 x 1600 x 780	1830 x 1600 x 780	1830 x 1600 x 780	1830 x 2000 x 780	1830 x 2220 x 780	
	Weight	kg	371	371	371	242 + 242	300 + 242	
	Refrigerant Base Charge	kg	11.5	11.5	11.5	11.5 + 11.5	11.5 + 11.5	
Pipe Connections	Suction Gas Pipe Brazing	inch	1-1/8	1-1/8	1-1/8	1-3/8	1-3/8	
	Liquid Pipe Flare	inch	5/8	5/8	3/4	3/4	3/4	
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8	3/8	
Maximum	Equivalent Length	m	210	210	210	220	220	
	Real Length	m	170	170	170	180	180	
	Total Pipe Length (Liquid Line Real Length)	m	300	300	300	300	300	
	Length To First Branch	m	100	100	100	100	100	
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10	10	
	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	40	40	40	40	40	
	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	22.90/22.10	26.80/26.10	35.60/26.50	31.00/30.00	35.00/32.80
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	40	50	25 + 25	32 + 25	

Accessories

RBM-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp [*]	
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above [*]	
RBM-BY55E	VRF 2-pipe Y Joint	SMMSe & MiNi SMMS Capacities below 6.4 hp [*]	
RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp [*]	
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp [*]	
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above [*]	
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp [*]	
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp [*]	
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp [*]	
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp [*]	
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply) [*]	

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.



SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit (continued)

CODE		785	850	900	954	1010	
Combination		MMY-	AP2816HT8P-E	AP3016HT8P-E	AP3216HT8P-E	AP3416HT8P-E	AP3616HT8P-E
Model Name Heat Pump		MMY-	MAP1606HT8P-E MAP1206HT8P-E	MAP1606HT8P-E MAP1406HT8P-E	MAP1606HT8P-E MAP1606HT8P-E	MAP1806HT8P-E MAP1606HT8P-E	MAP2006HT8P-E MAP1606HT8P-E
Capacity Range		hp	28	30	32	34	36
Maximum Number of Indoor Units		QTY	63	64	64	64	64
Cooling Capacity		kW	78.5	85.0	90.0	95.4	101.0
Heating Capacity		kW	87.5	95.0	100.0	106.0	113.0
Operating Range Cooling/Heating		°C	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5
Cooling	Power Consumption	kW	24.3	26.6	28.6	28.9	31.6
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.23/5.65/223.0	3.20/5.50/217.0	3.15/5.33/210.2	3.30/5.69/224.6	3.20/5.56/219.4
Heating	Power Consumption	kW	22.6	24.1	25.8	27.0	29.9
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.88/3.69/144.6	3.94/3.60/141.0	3.88/3.70/145.0	3.93/3.64/142.6	3.78/3.64/142.6
Fan(s)	Standard Air Flow H	l/s	3500 + 3389	3500 + 3389	3500 + 3500	4806 + 3500	4972 + 3500
	Standard Air Flow H	m³/h	12600 + 12200	12600 + 12200	12600 + 12600	17300 + 12600	17900 + 12600
	External Static Pressure	Pa	40	40	40	40	40
Sound	Pressure Level C/H	dB(A)	64/66	64.5/66.5	65/67	64.5/66	64.5/66.5
	Power Level C/H	dB(A)	83.5/85.5	83.5/85.5	84/86	84/86	84.5/86.5
Unit(s)	Height x Width x Depth	mm	1830 x 2220 x 780	1830 x 2440 x 780	1830 x 2440 x 780	1830 x 2830 x 780	1830 x 2830 x 780
	Weight	kg	300 + 242	300 + 300	300 + 300	371 + 300	371 + 300
	Refrigerant Base Charge	kg	11.5 + 11.5	11.5 + 11.5	11.5 + 11.5	11.5 + 11.5	11.5 + 11.5
Pipe Connections	Suction Gas Pipe Brazing	inch	1-3/8	1-3/8	1-3/8	1-3/8	1-5/8
	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	220	220	220	220	220
	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	m	100	100	100	100	100
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10	10
	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	40	40	40	40	40
	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	37.90/35.20	41.90/38.00	44.80/40.40	45.30/42.30	49.20/46.30
	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 + 25	40 + 32	40 + 40	40 + 40	40 + 40

Accessories

RBM-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp*
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above*
RBM-BY55E	VRF 2-pipe Y Joint	SMMSe & MiNi SMMS Capacities below 6.4 hp*
RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp*
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp*
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above*
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp*
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp*
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply)*

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.





SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit (continued)

CODE		1065	1120	1175	1230		
Combination		MMY-	AP3816HT8P-E	AP4016HT8P-E	AP4216HT8P-E	AP4416HT8P-E	
Model Name Heat Pump		MMY-	MAP2206HT8P-E MAP1606HT8P-E	MAP2006HT8P-E MAP2006HT8P-E	MAP2206HT8P-E MAP2006HT8P-E	MAP2206HT8P-E MAP2206HT8P-E	
Capacity Range		hp	38	40	42	44	
Maximum Number of Indoor Units		QTY	64	64	64	64	
Cooling Capacity		kW	106.5	112.0	117.5	123.0	
Heating Capacity		kW	114.0	126.0	127.0	128.0	
Operating Range Cooling/Heating		°C	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	
Cooling	Power Consumption	kW	37.5	34.6	40.5	46.4	
	EER/SEER/Energy Efficiency Class (or ηsc %)		2.84/5.20/205.0	3.24/5.74/226.6	2.90/5.40/213.0	2.65/5.07/199.8	
Heating	Power Consumption	kW	30.0	34.0	34.1	34.2	
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.80/3.59/140.6	3.71/3.60/141.0	3.72/3.55/139.0	3.74/3.49/136.6	
Fan(s)	Standard Air Flow H	l/s	5139 + 3500	4972 + 4972	5139 + 4972	5139 + 5139	
	Standard Air Flow H	m³/h	18500 + 12600	17900 + 17900	18500 + 17900	18500 + 18500	
	External Static Pressure	Pa	40	40	40	40	
Sound	Pressure Level C/H	dB(A)	64.5/66.5	64/65	64/65	64/65	
	Power Level C/H	dB(A)	85.5/86.5	85/87	85.5/87	86/87	
Unit(s)	Height x Width x Depth	mm	1830 x 2830 x 780	1830 x 3220 x 780	1830 x 3220 x 780	1830 x 3220 x 780	
	Weight	kg	371 + 300	371 + 371	371 + 371	371 + 371	
	Refrigerant Base Charge	kg	11.5 + 11.5	11.5 + 11.5	11.5 + 11.5	11.5 + 11.5	
Pipe Connections	Suction Gas Pipe Brazing	inch	1-5/8	1-5/8	1-5/8	1-5/8	
	Liquid Pipe Flare	inch	7/8	7/8	7/8	7/8	
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8	
Maximum	Equivalent Length	m	220	220	220	220	
	Real Length	m	180	180	180	180	
	Total Pipe Length (Liquid Line Real Length)	m	1000	1000	1000	1000	
	Length To First Branch	m	100	100	100	100	
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10	
	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	40	40	40	40	
	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	58.00/46.70	53.60/52.20	62.40/52.60	71.20/53.00
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	50 + 40	40 + 40	50 + 40	50 + 50	

Accessories

RBM-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp*	
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above*	
RBM-BY55E	VRF 2-pipe Y Joint	SMMSe & MiNi SMMS Capacities below 6.4 hp*	
RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp*	
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp*	
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above*	
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*	
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp*	
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp*	
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp*	
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply)*	

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.



SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit (continued)

CODE		1300	1350	1404	1460	
Combination		MMY-	AP4616HT8P-E	AP4816HT8P-E	AP5016HT8P-E	AP5216HT8P-E
Model Name Heat Pump		MMY-	MAP1606HT8P-E MAP1606HT8P-E MAP1406HT8P-E	MAP1606HT8P-E MAP1606HT8P-E MAP1606HT8P-E	MAP1806HT8P-E MAP1606HT8P-E MAP1606HT8P-E	MAP2006HT8P-E MAP1606HT8P-E MAP1606HT8P-E
Capacity Range		hp	46	48	50	52
Maximum Number of Indoor Units		QTY	64	64	64	64
Cooling Capacity		kW	130.0	135.0	140.4	146.0
Heating Capacity		kW	145.0	150.0	156.0	163.0
Operating Range Cooling/Heating		°C	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5
Cooling	Power Consumption	kW	40.9	42.9	43.2	45.9
	EER/SEER/Energy Efficiency Class (or ηsc %)		3.18/5.44/214.6	3.15/5.33/210.2	3.25/5.58/220.2	3.18/5.49/216.6
Heating	Power Consumption	kW	37.0	38.7	39.9	42.8
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.92/3.67/143.8	3.88/3.70/145.0	3.91/3.66/143.4	3.81/3.66/143.4
Fan(s)	Standard Air Flow H	l/s	3500 + 3500 + 3389	3500 + 3500 + 3500	4806 + 3500 + 3500	4972 + 3500 + 3500
	Standard Air Flow H	m³/h	12600 + 12600 + 12200	12600 + 12600 + 12600	17300 + 12600 + 12600	17900 + 12600 + 12600
	External Static Pressure	Pa	40	40	40	40
Sound	Pressure Level C/H	dB(A)	66.5/68.5	67/69	66.5/68	66.5/68.5
	Power Level C/H	dB(A)	85.5/87.5	86/88	86/88	86.5/88.5
Unit(s)	Height x Width x Depth	mm	1830 x 3670 x 780	1830 x 3670 x 780	1830 x 4060 x 780	1830 x 4060 x 780
	Weight	kg	300 + 300 + 300	300 + 300 + 300	371 + 300 + 300	371 + 300 + 300
	Refrigerant Base Charge	kg	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5
Pipe Connections	Suction Gas Pipe Brazing	inch	1-5/8	1-5/8	1-5/8	1-5/8
	Liquid Pipe Flare	inch	7/8	7/8	7/8	7/8
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8
Maximum	Equivalent Length	m	185	185	185	185
	Real Length	m	145	145	145	145
	Total Pipe Length (Liquid Line Real Length)	m	1000	1000	1000	1000
	Length To First Branch	m	100	100	100	100
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10
	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	40	40	40	40
	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	64.30/58.20	67.20/60.60	67.70/62.50	71.60/66.50
	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	40 + 40 + 32	40 + 40 + 40	40 + 40 + 40	40 + 40 + 40

Accessories

RBM-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above
RBM-BY55E	VRF 2-pipe Y Joint	SMMSe & MiNi SMMS Capacities below 6.4 hp
RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply)

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.



SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit (continued)

CODE		1515	1570	1625	1680	
Combination		MMY-	AP5416HT8P-E	AP5616HT8P-E	AP5816HT8P-E	AP6016HT8P-E
Model Name Heat Pump		MMY-	MAP2206HT8P-E MAP1606HT8P-E MAP1606HT8P-E	MAP2006HT8P-E MAP2006HT8P-E MAP1606HT8P-E	MAP2206HT8P-E MAP2006HT8P-E MAP1606HT8P-E	MAP2206HT8P-E MAP2206HT8P-E MAP1606HT8P-E
Capacity Range		hp	54	56	58	60
Maximum Number of Indoor Units		QTY	64	64	64	64
Cooling Capacity		kW	151.5	157.0	162.5	168.0
Heating Capacity		kW	164.0	176.0	177.0	178.0
Operating Range Cooling/Heating		°C	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5	-5.0 to 46.0/ -25.0 to 15.5
Cooling	Power Consumption	kW	51.8	48.9	54.8	60.7
	EER/SEER/Energy Efficiency Class (or ηsc %)		2.92/5.24/206.6	3.21/5.62/221.8	2.97/5.38/212.2	2.77/5.16/203.4
Heating	Power Consumption	kW	42.9	46.9	47.0	47.1
	COP/SCOP/Energy Efficiency Class (or ηsc(A) %)		3.82/3.62/141.8	3.75/3.62/141.8	3.77/3.59/140.6	3.78/3.55/139.0
Fan(s)	Standard Air Flow H	l/s	5139 + 3500 + 3500	4972 + 4972 + 3500	5139 + 4972 + 3500	5139 + 5139 + 3500
	Standard Air Flow H	m³/h	18500 + 12600 + 12600	17900 + 17900 + 12600	18500 + 17900 + 12600	18500 + 18500 + 12600
	External Static Pressure	Pa	40	40	40	40
Sound	Pressure Level C/H	dB(A)	66.5/68.5	66.5/67.5	66.5/67.5	66.5/67.5
	Power Level C/H	dB(A)	86.5/88.5	86.5/88.5	87/88.5	87.5/88.5
Unit(s)	Height x Width x Depth	mm	1830 x 4060 x 780	1830 x 4450 x 780	1830 x 4450 x 780	1830 x 4450 x 780
	Weight	kg	371 + 300 + 300	371 + 371 + 300	371 + 371 + 300	371 + 371 + 300
	Refrigerant Base Charge	kg	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5	11.5 + 11.5 + 11.5
Pipe Connections	Suction Gas Pipe Brazing	inch	1-5/8	1-5/8	1-5/8	1-5/8
	Liquid Pipe Flare	inch	7/8	7/8	7/8	7/8
	Balance Pipe Flare	inch	3/8	3/8	3/8	3/8
Maximum	Equivalent Length	m	185	185	185	185
	Real Length	m	145	145	145	145
	Total Pipe Length (Liquid Line Real Length)	m	1000	1000	1000	1000
	Length To First Branch	m	100	100	100	100
	Equivalent Length Of Outdoor Unit Connecting Pipe	m	10	10	10	10
	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	40	40	40	40
	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	80.40/66.90	76.00/72.40	84.80/72.80	93.60/73.20
	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	50 + 40 + 40	40 + 40 + 40	50 + 40 + 40	50 + 50 + 40

Accessories

RBM-BT14E	VRF 2-pipe Modular Kit	SMMSe Capacities below 26 hp
RBM-BT24E	VRF 2-pipe Modular Kit	SMMSe Capacities 26 hp & above
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RBM-BY105E	VRF 2-pipe Y Joint	SMMSe Capacities 6.4 below 14.2 hp
RBM-BY205E	VRF 2-pipe Y Joint	SMMSe Capacities 14.2 below 25.2 hp
RBM-BY305E	VRF 2-pipe Y Joint	SMMSe Capacities 25.2 hp & above
RBM-HY1043E	VRF 2-pipe 4-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp
RBM-HY2043E	VRF 2-pipe 4-way Header	SMMSe Capacities 14.2 to 25.2 hp
RBM-HY1083E	VRF 2-pipe 8-way Header	SMMSe & MiNi SMMS Capacities below 14.2 hp
RBM-HY2083E	VRF 2-pipe 8-way Header	SMMSe Capacities 14.2 to 25.2 hp
SMMSe-CDUSC	VRF CDU Split Case	For easier site access (Terms & Conditions apply)

Note: Indoor connected capacity 50% to 135% of outdoor capacity. Use Data Book for specific details.