

S-HRM System - VRF Heat Recovery Outdoor Units

- Low weight, compact design
- 48 modular indoor units maximum, 8 to 30 hp to be combined with up to 135% of the outdoor unit capacity
- Superior EER for reduced energy consumption and increased savings
- High-lift design, greater location flexibility
- State-of-the-art communication bus system with automatically configured addressing
- Outdoor unit dimensions match the S-MMS
- Added flexibility and control with flow selectors and piping branches



Rating	hp	8	10	12
Heat recovery model MMY		MAP0802FT8-E	MAP1002FT8-E	MAP1202FT8-E
Cooling capacity	kW	22.4	28.0	33.5
Heating capacity	kW	25.0	31.5	35.5
Min.-max. capacity code*	hp	5.6-10.8	7.0-13.5	8.4-14.4
Power input, cooling/heating	kW	6.07/6.29	8.54/8.73	12.90/9.65
Max. running current, cooling/heating	A	9.25/9.55	13.15/13.40	19.85/14.85
EER, cooling/COP heating	kW/kW	3.69/3.97	3.28/3.61	2.60/3.68
Sound pressure level, cooling/heating	dB(A) at 1 m	57/57	58/58	59/59
Sound power level, cooling/heating	dB(A)	70/70	71/71	72/72
UK conditions - cooling capacity	kW	21.44	26.80	32.16
UK conditions - sensible cooling capacity	kW	16.08	20.10	24.12
UK conditions - heating capacity	kW	20.72	25.90	31.08
Refrigerant charge R410A	kg	11.5	11.5	11.5
Dimensions, height x width x depth	mm	1800 x 990 x 750	1800 x 990 x 750	1800 x 990 x 750
Weight	kg	263	263	263
Pipework				
Suction line type - diameter	in	Brazed - 7/8	Brazed - 7/8	Brazed - 1-1/8
Liquid line type - diameter	in	Flare - 1/2	Flare - 1/2	Flare - 1/2
Discharge line connection type - diameter	in	Flare - 3/4	Flare - 3/4	Flare - 3/4
Maximum equivalent pipe length	m	150	150	150
Maximum actual pipe length	m	125	125	125
Maximum total pipe length	m	300	300	300
Max. height difference - indoor unit above/below**	m	30/50	30/50	30/50
Operating range, cooling	°C	-5 to 43 db	-5 to 43 db	-5 to 43 db
Operating range, heating	°C	-20 to 16 wb	-20 to 16 wb	-20 to 16 wb
Max. operating current per phase	A	9.55	13.40	19.85
Starting current per phase	A	1	1	1
Suggested fuse size per phase	A	16	20	25
Power supply	V-ph-Hz	400-3-50	400-3-50	400-3-50
Supply to		Outdoor unit	Outdoor unit	Outdoor unit
Interconnecting cables		2-core twisted screened	2-core twisted screened	2-core twisted screened

* Codes are based on individual units and do not take into consideration modular applications

** If the indoor unit is above, maximum lift is reduced to 30 m, if the height difference between indoor units exceeds 3 m.

Flow selector	Capacity, kW	Max. No. of connected units
Y1122FE	0 to 11.2	5
Y1802FE	11.2 to 18.0	8
Y2802FE	18.0 to 28.0	8

