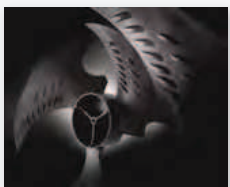




Bat wing fan



The patented bat wing fan shape increase the delivery of high volumes of air reducing the air resistance and the vibrations and consequently the noise levels.

The miniSMMS unit is able to cool up to 9 rooms with a single system: the perfect choice for small and mid-size installations.

The energy efficiency at partial load operation contribute to keep very low the seasonal power consumption.

Vector-controlled inverter optimize and control the refrigerant flow and the twin rotary compressor operations.

Compatible with the full range of VRF indoor units for the maximum installation flexibility.

PMV optional kit to perform this function on the refrigerant pipe and not in the unit to further reduce the overall sound.

Small footprint, long pipe length, high lift and horizontal air discharge contribute to perform installation even in confined spaces.

MINI MULTI SYSTEM

VRF OUTDOOR UNIT

Mini-SMMS



OUTDOOR UNITS

Heat pump
 MCY-MAP0401HT
 MCY-MAP0501HT
 MCY-MAP0601HT

MCY-MAP_HT		Performance data		
Outdoor unit	HP	MCY-MAP0401HT 4 HP	MCY-MAP0501HT 5 HP	MCY-MAP0601HT 6 HP
Cooling capacity	kW	12,1	14	15,5
Power input	kW CO	2,82	3,47	4,63
EER	W/W	4,29	4,03	3,35
Running current	A CO	13,2	16,1	21,4
Heating capacity	kW	12,5	16	18
Power input	kW HP	2,71	4	4,85
ODP	W/W	4,61	4	3,71
Running current	A HP	12,5	18,3	22,2
Peak demand current	A	25	28	31

MCY-MAP_HT		Physical data Outdoor units		
Outdoor unit	HP	MCY-MAP0401HT	MCY-MAP0501HT	MCY-MAP0601HT
Air Flow	m ³ /h - l/s	5820 - 1612	6120 - 1695	6420 - 1778
Sound pressure level	dB(A) CO/HP	49/50	50/52	51/53
Dimensions (HxWxD)	mm	1340x900x320	1340x900x320	1340x900x320
Weight	kg	117	117	117
Compressor type		Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant charge R410A	kg	7,2	7,2	7,2
Suction line type - diameter		Flare - 5/8"	Flare - 5/8"	Brazing - 3/4"
Liquid line type - diameter	CO/HP	Flare - 3/8"	Flare - 3/8"	Flare - 3/8"
Maximum equivalent length separation*	m	125	125	125
Maximum actual piping separation**	m	100	100	100
Maximum total pipe length*	m	180	180	180
Maximum lift (indoor unit above/below)	m	20/30	20/30	20/30
Operating range - db	°C CO	-5÷43	-5÷43	-5÷43
Operating range - wb	°C HP	-15,0÷15,5	-15,0÷15,5	-15,0÷15,5
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50

* When PMV Kit is used: Maximum equivalent length separation (80 m); Maximum actual piping separation (65 m); Maximum total pipe length (150 m)
 CO = cooling mode HP = heating mode

Indoor units number				
		(Max)		(Min)
Number of indoor units		6	8	9
Total capacity of connectable indoor units	HP (Min)	3,2	4	4,8
Total capacity of connectable indoor units	HP (Max)	5,2	6,5	7,8

Technical specifications PMV kit		
Model Name	Indoor unit capacity code	
RMB-PMV0362E	0,8 - 1,25 HP	
RMB-PMV0902E	1,7 - 2 - 2,5 HP	

Indoor units combinations						
Model Name	Cooling capacity	Heating capacity	Number of indoor units		Total capacity of connectable indoor units	
			Max	Min	Min	Max
MCY-MAP0401HT	4 HP	12,1 kW	6	3	3,2 HP	5,2 HP
MCY-MAP0501HT	5 HP	14,0 kW	8	4	4,0 HP	6,5 HP
MCY-MAP0601HT	6 HP	15,5 kW	9	4,8	4,8 HP	7,8 HP