



SUBMITTAL DATA SHEET

MSEPB-09HRFN1-MY5W(GA)*3+MSEPB-12HRFN1-MW5W(GA)*2/M5OA-55HFN1-M-[] 55000Btu/h		Multi-zone
Location: _____		Approval: _____
Engineer: _____		Date: _____
Submitted to: _____		Construction: _____
Submitted by: _____		Unit #: _____
Reference: _____		Drawing #: _____

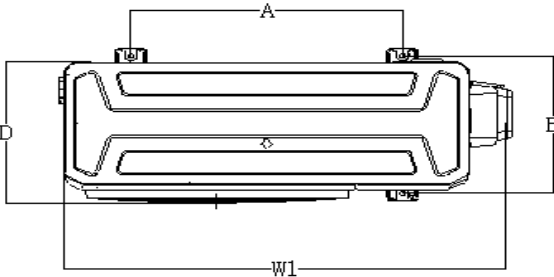
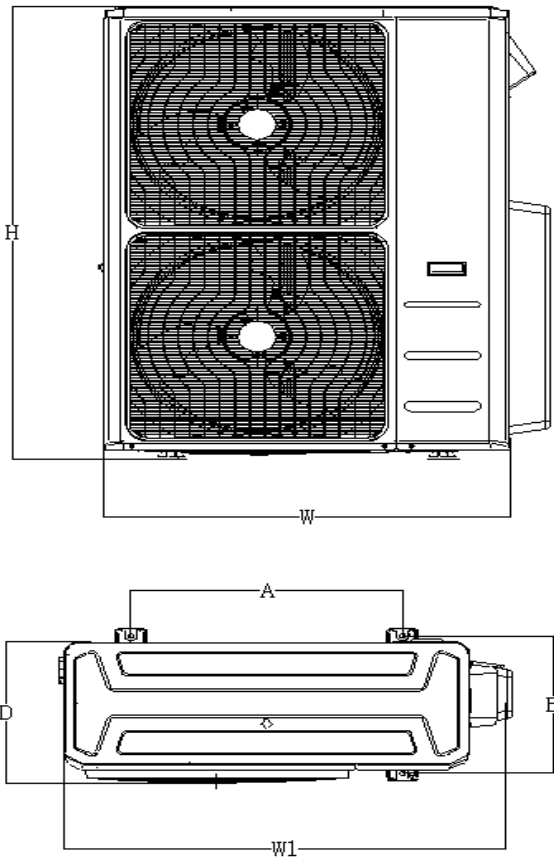
Indoor	CH-09MASTWM-230VI CH-12MASTWM-230VI
Outdoor unit model	CH-HPR55KMES-230VO
Ceritified	AHRI  UL 

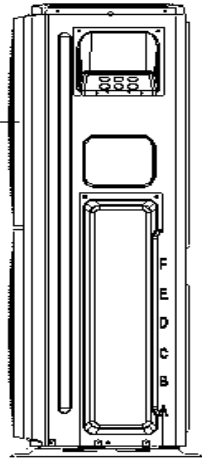


SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V,1Ph,60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	40.0
Max.fuse	(A)	60.0
Connection wiring	14AWG*4 Stranded, unshielded	
Cooling		
Rated Capacity	(Btu/h)	55000(19000~58000)
Capacity Range	(Btu/h)	55000(19000~58000)
Powrer Input	(W)	5238
Rated current	(A)	23.5
EER	(Btu/W)	11
SEER	(Btu/W)	19
Heating at 47F		
Rated Capacity	(Btu/h)	55000(12500~57900)
Capacity Range	(Btu/h)	55000(12500~57900)
Powrer Input	(W)	5238
Rated current	(A)	23.5
COP	(W/W)	3.1
HSPF4	(Btu/W)	10.6
HSPF5	(Btu/W)	8.8
Heating at 17F		
Max Capacity	(Btu/h)	44700
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/162.26ozs
Refrigerant precharge	(ft)	37.5
	(m)	123.0
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)	0.2
	(g/ft)	15.0
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)	0.3
	(g/ft)	30.0
Liquid side	(inch)	5 x 1/4"
	(mm)	5 x Φ6.35
Gas side	(inch)	3 x 3/8" + 2 x 1/2"
	(mm)	3 x Φ9.52 + 2 x Φ12.7
Max. length for all rooms	(ft)	262.5
	(m)	80.0
Max. length for one indoor unit	(ft)	114.8
	(m)	35.0
Max. height difference between indoor and outdoor unit	(ft)	49.2
	(m)	15.0
Max. height difference between indoor units	(ft)	33.0
	(m)	10.0

Outdoor(cooling)	(Deg. °F)	-22~122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75
	(Deg. °C)	-30~24
Application area	(sq.ft)	786~1152
	(m2)	73~107

Outdoor unit dimension





Unit↴	W↴	D↴	H↴	W1↴	A↴	B↴
mm↴	952↴	415↴	1333↴	1060↴	634↴	404↴
inch↴	37.5↴	16.3↴	52.5↴	41.7↴	25.0↴	15.9↴