




SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Code	22022010020217
Indoor unit code	22022011020901
Outdoor unit code	22022016020320
Set Model	
Indoor unit model	B-VMH33SV-1
Outdoor unit model	A-VMH33SV-1
Certified	  



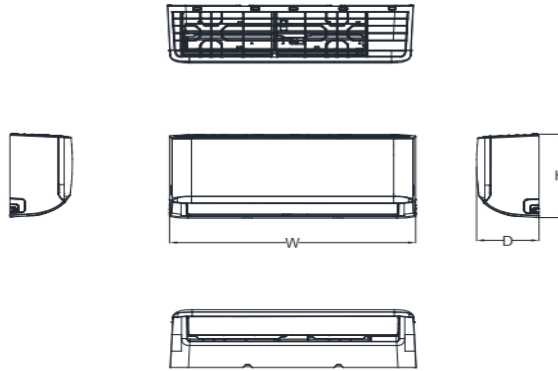
SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity(Outdoor)	(A)	36.0	
Max.fuse(Outdoor)	(A)	40.0	
Connection wiring		14AWG*4	
Cooling			
Capacity	(Btu/h)	33000(15000-38000)	
Power Input	(W)	2820(440-3750)	
Current	(A)	18.1(3.1-16.55)	
SEER2	(Btu/W)	20.0	
EER2	(Btu/W)	11.7	
Heating			
Capacity	(Btu/h)	35000(19000-36600)	
Power Input	(W)	3351(1250-4015)	
Current	(A)	20.5(8.4-17.7)	
HSPF2-4	(Btu/W)	10.0	
HSPF2-5	(Btu/W)	8.0	
COP	W/W	3.06	
Heat at 17F(H32)	(Btu/h)	27800	
Heat at 5F(H42)	(Btu/h)	34600	
COP at 5F(H42)	W/W	1.80	

INDOOR UNIT DATA			
Indoor fan motor			
Model		ZKFP-58-8-20L	
Qty		1	
Input	(W)	/	
Output	(W)	58.0	
RLA	(A)	0.9	
Speed(Hi/Mi/Lo)	(r/min)	1200/960/720	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	861.76/703.53/529.41/448.82	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	52/45.5/29.5	
Dehumidification	(L/H)	4.44	
Indoor unit			
Dimension (WxDxH)	(inch)	49.57x11.14x14.25	
	(mm)	1259x283x362	
Packing(WxDxH)	(inch)	52.76x17.72x15.16	
	(mm)	1340x450x385	
Net/Gross weight	(lbs.)	43.43/56.44	
	(kg)	19.7/25.6	

REFRIGERANT PIPE DATA			
Throttle type	Indoor unit	N/A	
	Outdoor unit	EXV+Throttle valve	
Design pressure	(PSIG)	550/340	
Refrigerant Type		R410A	
Refrigerant charge	oz	102.29	
Refrigerant precharge	(ft)	25.0	
	(m)	7.5	
Additional charge for each ft	(oz/ft)	0.32	
Additional charge for each m	(g/m)	30.0	
Liquid side/ Gas side(indoor)	(inch)	3/8"/3/4"	
	(mm)	9.52/19	
Liquid side/ Gas side(outdoor)	(inch)	3/8"/3/4"	
	(mm)	9.52/19	
Max. pipe length	(ft)	164.0	
	(m)	50.0	
Max. difference in level	(ft)	82.0	
	(m)	25.0	
Connection method		Flared	
Indoor(cooling)	(Deg. °F)	60~90	
	(Deg. °C)	16~32	
Indoor(heating)	(Deg. °F)	32~86	
	(Deg. °C)	0~30	
Outdoor(cooling)	(Deg. °F)	-22~122	
	(Deg. °C)	-30~50	
Outdoor(heating)	(Deg. °F)	-22~75	
	(Deg. °C)	-30~24	

OUTDOOR UNIT DATA			
Compressor			
Type		Twin-ROTARY	
Model		KTF420D62UNT	
Brand		GMCC	
Capacity	(Btu/h)	45755	
Input	(W)	3525	
Rated current (RLA)	(A)	16.67	
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 1000± 10 ml	
Outdoor fan motor			
Model		ZKFN-230-8-2	
Qty		1	
Input	(W)	/	
Output	(W)	230	
RLA	(A)	0.8	
Speed	(r/min)	800/500	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	2235	
Outdoor noise level	[dB(A)]	63.0	
Outdoor unit			
Dimension (WxDxH)	(inch)	37.24x16.14x31.89	
	(mm)	946x410x810	
Packing (WxDxH)	(inch)	42.91x19.69x34.84	
	(mm)	1090x500x885	
Net/ Gross weight	(lbs.)	159.83/168.87	
	(kg)	72.5/76.6	

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K~11K	A	729/28.7	200/7.87	292/11.5
8K~14K	B	802/31.57	200/7.87	295/11.61
12K~21K	C	971/38.23	228/8.98	321/12.64
18K~28K	D	1082/42.6	234/9.21	337/13.27
27K~36K	F	1259/49.57	283/11.14	362/14.25

Outdoor unit dimension

