

SUBMITTAL DATA SHEET



BMY18HH22WM/BMY18HH22C		18,000 BTU/H(208/230V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____		
Engineer: _____	Date: _____		
Submitted to: _____	Construction: _____		
Submitted by: _____	Unit #: _____		
Reference: _____	Drawing #: _____		

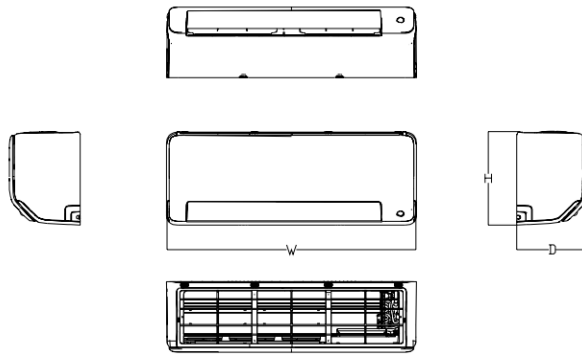
Set Code	453083809
Indoor unit code	453083727
Outdoor unit code	453083726
Set Model	BMY18HH22
Indoor unit model	BMY18HH22WM
Outdoor unit model	BMY18HH22C
Certified	AHRI UL



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1,60	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	16.0	
Max.fuse	(A)	25.0	
Connection wiring		16*4 AWG	
Cooling			
Rated Capacity	(Btu/h)	18000	
Capacity Range	(Btu/h)	8870~19400	
Power Input (Max)	(W)	1440	
Rated current	(A)	6.3	
SEER	(Btu/W)	21.5	
EER	(Btu/W)	12.5	
Heating at 47F			
Rated Capacity	(Btu/h)	18000	
Capacity Range	(Btu/h)	15100~19500	
Power Input (Max)	(W)	1700	
Rated current	(A)	7.3	
HSPF4	(Btu/W)	13	
HSPF5	(Btu/W)	11	
COP	W/W	3.10	
Heating at 17F			
Max Capacity	(Btu/h)	20270	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type	(Oz)	R410A/65.2	
Refrigerant precharge	(ft)	25.0	
	(m)	7.6	
Additional charge for each	(oz/ft)	0.16	
	(g/ft)	15	
Liquid side/ Gas side	(inch)	1/4" / 1/2"	
	(mm)	6.35/12.7	
Max. pipe length	(ft)	98.0	
	(m)	30.0	
Max. difference in level	(ft)	66.0	
	(m)	20.0	
Connection method		(Flared)	
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86	
	(Deg. °C)	17~32 / 0~30	
Outdoor(cooling/heating)	(Deg. °F)	-22~-122 / -22~86	
	(Deg. °C)	-30~-50 / -30~30	
Application area	(sq.ft)	258.33~376.74	

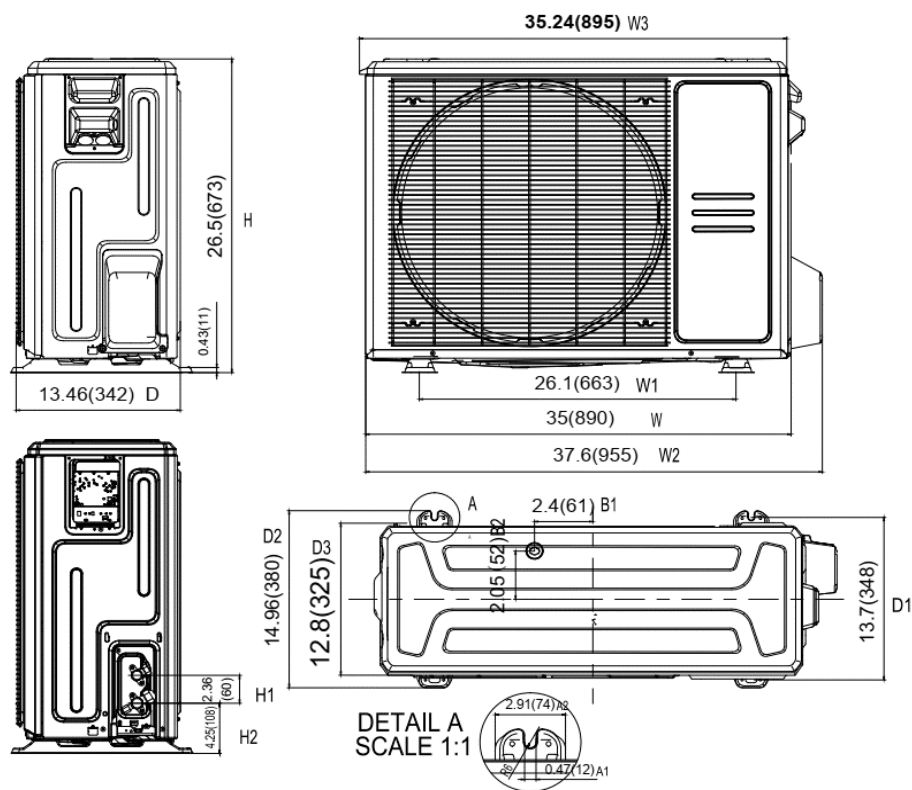
INDOOR UNIT DATA			
Indoor fan motor			
Type		Cross-Flow	
Model		ZKFP-30-8-3-10	
Qty		1	
Input	(W)	36.0	
RLA	(A)	0.4	
LRA	(A)	---	
Winding Resistance	(Ω)	---	
Capacitor	(uF)	---	
Speed(Hi/Mi/Lo)	(r/min)	1240/1024/916	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo)	(CFM)	523.53/376.47/305.88	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46/42/24	
Dehumidification	(Pint/H)	---	
Indoor unit			
Dimension (WxDxH)	(inch)	37.99x9.41x12.56	
	(mm)	965x239x319	
Packing(WxDxH)	(inch)	41.14x15.75x12.80	
	(mm)	1045x400x325	
Net/Gross weight	(lbs.)	27.12/35.71	
	(kg)	12.3/16.2	
OUTDOOR UNIT DATA			
Compressor			
Type		KTM240D43UKT	
Model		DUAL ROTARY	
Brand		GMCC	
Capacity	(Btu/h)	25932	
Input	(W)	2045	
Rated current (RLA)	(A)	-	
Refrigerant oil/oil charge	(ml)	-	
Throttle		Capillary +EXV	
Outdoor fan motor			
Model		ZKFN-80-8-3	
Qty		1	
Input	(W)	---	
RLA	(A)	---	
Speed	(r/min)	810/720	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	1764.70	
Outdoor noise level	[dB(A)]	59	
Outdoor unit			
Dimension (WxDxH)	(inch)	35.04x13.46x26.50	
	(mm)	890x342x673	
Packing (WxDxH)	(inch)	39.17x15.67x29.13	
	(mm)	995x398x740	
Net/ Gross weight	(lbs.)	100.97/108.03	
	(kg)	45.8/49	

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
9k~12k	B	795/31.3	225/8.86	295/11.61
18k~24k	C	965/38	239/9.41	319/12.56
24k~36k	D	1140/44.88	275/10.83	370/14.57

Outdoor unit dimension



General Features

- Intelligent Eye(optional)
- Easy Installation
- Easy Maintenance
- Easy Clean
- High Efficiency
- Wireless Remote with LCD Display

Extended Performance Data