



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

Set Code
Indoor unit code 22022010018177
Outdoor unit code 22022011017821
22022016016340

Set Model
Indoor unit model BMY3618
Outdoor unit model BMY3618WM
BMY3618C

Certified
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 (Outdoor) (A) 28.0
Max. fuse (Outdoor) (A) 35.0
Connection wiring 14#x4

Cooling
Capacity (Btu/h) 36000 (8300~37500)
Power Input (W) 3790 (340~3048)
Current (A) 16.8 (1.45~13.3)
SEER2 (Btu/W) 18.0
EER2 (Btu/W) 9.5

Heating
Capacity (Btu/h) 36000 (10900~37360)
Power Input (W) 3790 (610~3720)
Current (A) 16.8 (2.66~16.2)
HSPF2-4 (Btu/W) 7.8
HSPF2-5 (Btu/W) 6.0
COP W/W 2.78
Heat at 17F (H32) (Btu/h) 20000
Heat at 5F (H42) (Btu/h) 22000
COP at 5F (H42) W/W 2.01

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	≤ 阀+节流阀 (EXV+Throttle valve)
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	119.93
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"/5/8"
	(mm)	9.52/15.9
Liquid side/ Gas side (outdoor)	(inch)	3/8"/5/8"
	(mm)	9.52/15.9
Max. pipe length	(ft)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
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)	5~122
	(Deg. °C)	-15~50

INDOOR UNIT DATA

Indoor fan motor
Model ZKFP-58-8-1-5
Qty 1
Input (W) 58.0
Output (W) 58.0
RLA (A) 0.5
Speed (Hi/Mi/Lo) (r/min) 1200/960/600

Air flow & Noise level
Indoor air flow (Turbo/Hi/Med/Lo) (CFM) 794.12/652.94/447.06/329.41
Indoor noise level (Hi/Med/Lo) [dB(A)] 54/45/40

Dehumidification (L/H) 4.48

Indoor unit
Dimension (WxDxH) (inch) 49.57x11.14x14.25
(mm) 1259x283x362
Packing (WxDxH) (inch) 52.76x17.72x15.16
(mm) 1340x450x385
Net/Gross weight (lbs.) 42.77/55.56
(kg) 19.4/25.2

OUTDOOR UNIT DATA

Compressor
Type ROTARY
Model KTF250D22UMT
Brand GMCC
Capacity (Btu/h) 27620
Input (W) 2200
Rated current (RLA) (A) 18
Refrigerant oil/oil charge (ml) VG74/670

Outdoor fan motor
Model ZKFN-120-8-2
Qty 1
Input (W) 150.0
Output (W) 120
RLA (A) 0.5
Speed (r/min) 1150/1050/900/850

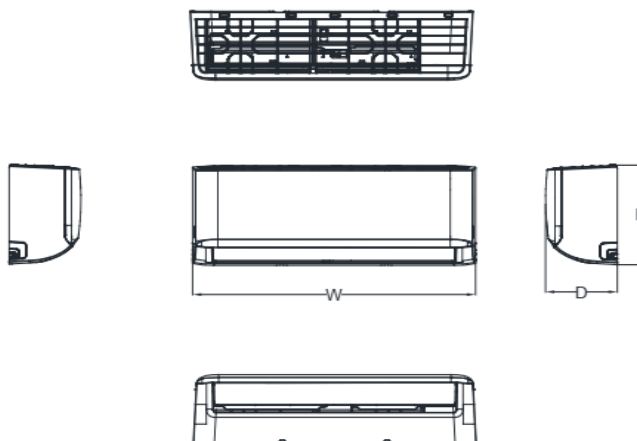
Air flow & Noise level
Outdoor air flow (Max.) (CFM) 2235
Outdoor noise level [dB(A)] 65.0

Outdoor unit
Dimension (WxDxH) (inch) 37.24x16.14x31.89
(mm) 946x410x810
Packing (WxDxH) (inch) 42.91x19.69x34.84
(mm) 1090x500x885
Net/ Gross weight (lbs.) 150.13/158.95
(kg) 68.1/72.1

Outdoor(heating)

(Deg. °F)
(Deg. °C)5~75
-15~24

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

