



# Submittal Form



<b>DVH24SH-1</b>	<b>24,000 BTU/H(208/230V)</b>	<b>Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

<b>Set Code</b>	22022010017197
Indoor unit code	22022011018381
Outdoor unit code	22022016016744
<b>Set Model</b>	
Indoor unit model	B-DVH24SH-1
Outdoor unit model	A-DVH24SH-1
<b>Certified</b>	
AHRI	
UL	

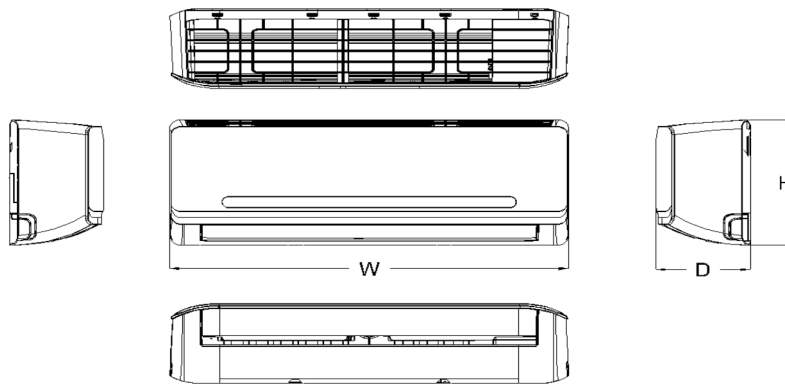


SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	19
Max.fuse	(A)	30
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6704~25300
Power Input (Max)	(W)	2665
Rated current	(A)	11.6
SEER	(Btu/W)	18
EER	(Btu/W)	9
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	6900~28100
Power Input (Max)	(W)	2320
Rated current	(A)	10.08
HSPF4	(Btu/W)	9.8
HSPF5	(Btu/W)	8.0
COP	w/w	3.03
<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	18200
<b>REFRIGERANT PIPE DATA</b>		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/62.8
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	Φ9.52 / Φ15.9
Max. pipe length	(ft)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122 / 5~75
	(Deg. °C)	-15~50 / -15~24
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-58-8-1-10
Qty		1
Input	(W)	58.0
RLA	(A)	0.5
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1100/900/750
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (l)	(CFM)	588.24/450.00/352.94
Indoor noise level (Hi/Med/L)	[dB(A)]	45.5/39.5/35
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	42.52x8.90x13.19
	(mm)	1080x226x335
Packing(WxDxH)	(inch)	45.47x16.34x12.60
	(mm)	1155x415x320
Net/Gross weight	(lbs.)	29.98/38.58
	(kg)	13.6/17.5

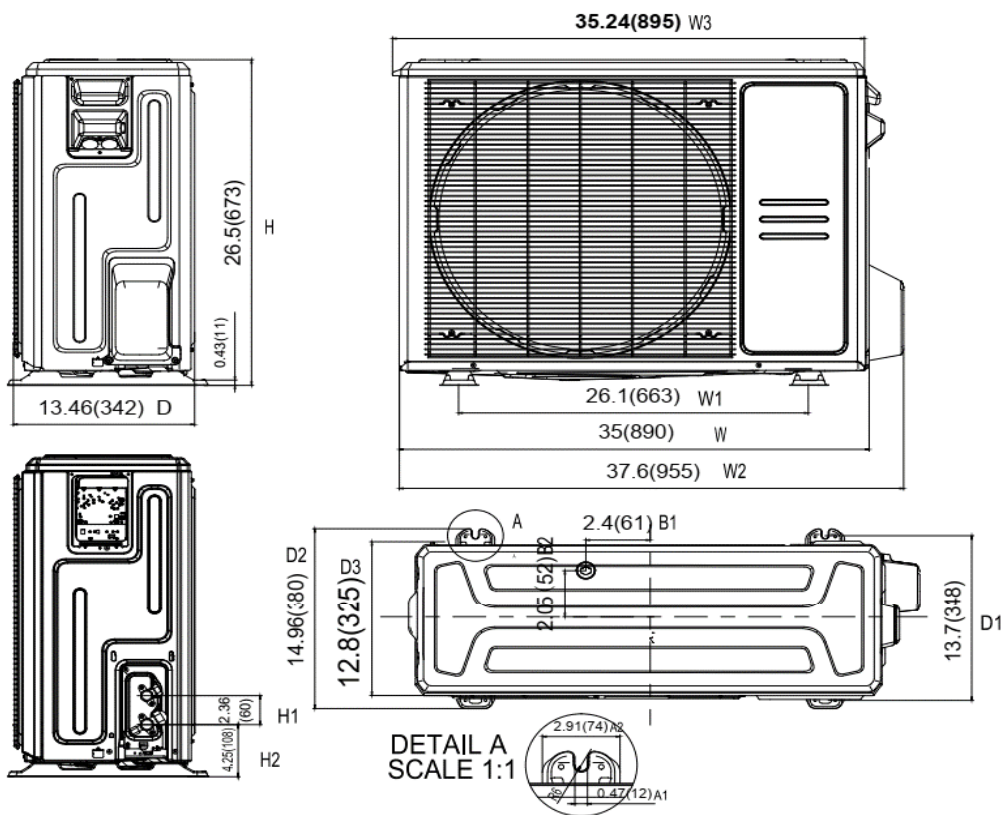
OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KTM240D43UKT
Model		DUAL ROTARY
Brand		GMCC
Capacity	(Btu/h)	25932.27641
Input	(W)	2045
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary
<b>Outdoor fan motor</b>		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	810/720
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	60.00
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	97.88/104.50
	(kg)	44.4/47.4

Indoor unit dimension



Capacity	Body Code	W(mm)	D(mm)	H(mm)
7K~9K	A	722	187	290
9K~12K	B	802	189	297
12K~18K	D	965	215	319
18K~24K	E	1080	226	335
27K~36K	F	1259	282	362
30K~36K	G	1350	272	365

Outdoor unit dimension



General Features

- Wireless Remote with LCD Display
- 46F Heating
- Sleep Mode(optional)
- Silent Mode
- Self Clean
- Follow Me (optional)
- ECO
- Turbo