



# Submittal Form



<b>DVH12SH-1</b>	<b>12,000 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>	22022010017201
Indoor unit code	22022011018385
Outdoor unit code	22022016016644
<b>Set Model</b>	
Indoor unit model	B-DVH12SH-1
Outdoor unit model	A-DVH12SH-1
<b>Certified</b>	
AHRI	
UL	

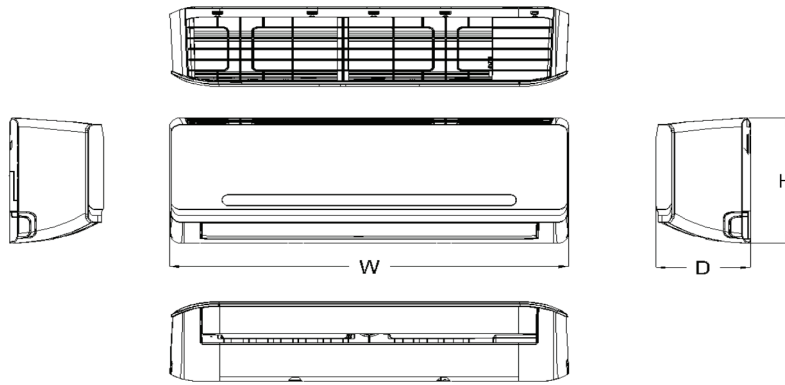


SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	15
Max.fuse	(A)	15
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	3800~12850
Power Input (Max)	(W)	1095
Rated current	(A)	4.86
SEER	(Btu/W)	20.5
EER	(Btu/W)	10.8
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	2730~12500
Power Input (Max)	(W)	1090
Rated current	(A)	5.05
HSPF4	(Btu/W)	10
HSPF5	(Btu/W)	8
COP	w/w	3.23
<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	8600
<b>REFRIGERANT PIPE DATA</b>		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/28.6
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.16
	(g/ft)	15
Liquid side/ Gas side	(inch)	1/4" / 1/2"
	(mm)	Φ6.35 / Φ12.7
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
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)	172.22~247.57
	(m2)	16~23

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-20-8-6-7
Qty		1
Input	(W)	50.0
RLA	(A)	0.25
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1080/850/650
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (l)	(CFM)	317.06/207.06/143.53
Indoor noise level (Hi/Med/L)	[dB(A)]	37/30/22.5
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	31.57x7.44x11.69
	(mm)	802x189x297
Packing(WxDxH)	(inch)	34.45x11.22x14.96
	(mm)	875x285x380
Net/Gross weight	(lbs.)	18.96/24.91
	(kg)	8.6/11.3

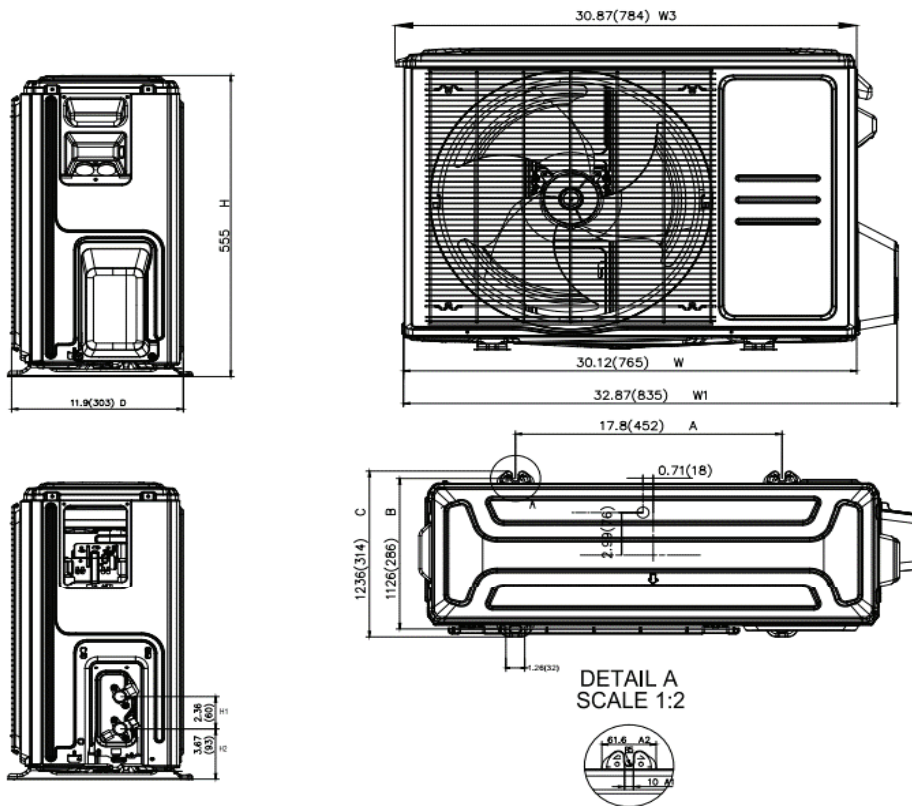
OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KSN98D64UFZ3
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	6585 / 10578
Input	(W)	292 / 765
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	780/700/600
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1235.29
Outdoor noise level	[dB(A)]	53.5
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610
Net/ Gross weight	(lbs.)	59.30/64.82
	(kg)	26.9/29.4

### 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)