



# Submittal Form

Comfort-Cire®

Century®

<b>DVH09SH-0</b>	<b>9,000 BTU/H(115V)</b>	<b>Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

<b>Set Code</b>	22022010017181
Indoor unit code	22022011018365
Outdoor unit code	22022016016743
<b>Set Model</b>	
Indoor unit model	B-DVH09SH-1
Outdoor unit model	A-DVH09SH-1
<b>Certified</b>	
AHRI	
UL	



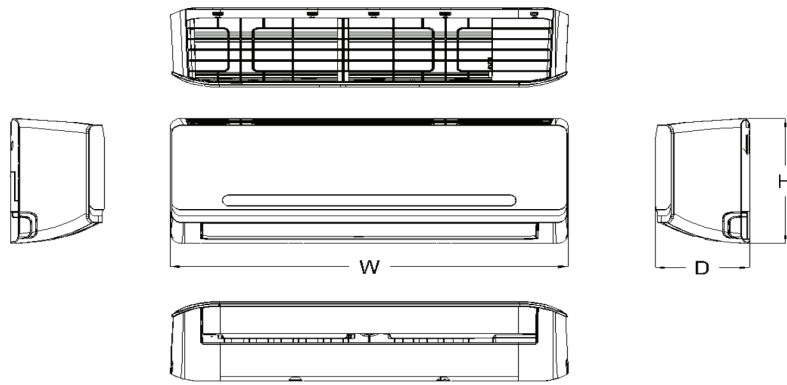
SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	20
Max.fuse	(A)	30
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	9000
Capacity Range	(Btu/h)	2650~10300
Power Input (Max)	(W)	720
Rated current	(A)	6.26
SEER	(Btu/W)	20.5
EER	(Btu/W)	12.5
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	10000
Capacity Range	(Btu/h)	2700~10500
Power Input (Max)	(W)	1000
Rated current	(A)	8.7
HSPF4	(Btu/W)	10.0
HSPF5	(Btu/W)	7.8
COP	W/W	2.93
<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	6500

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/25.4
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" / 3/8"
	(mm)	Φ6.35 / Φ9.52
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)	129.17~193.75
	(m2)	12~18

INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-20-8-113
Qty		1
Input	(W)	35.0
RLA	(A)	0.15
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1050/850/600
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (l	(CFM)	247.06/182.35/129.41
Indoor noise level (Hi/Med/Li	[dB(A)]	36.5/31.0/22.0
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	28.43x7.36x11.42
	(mm)	722x187x290
Packing(WxDxH)	(inch)	31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight	(lbs.)	16.98/22.27
	(kg)	7.7/10.1

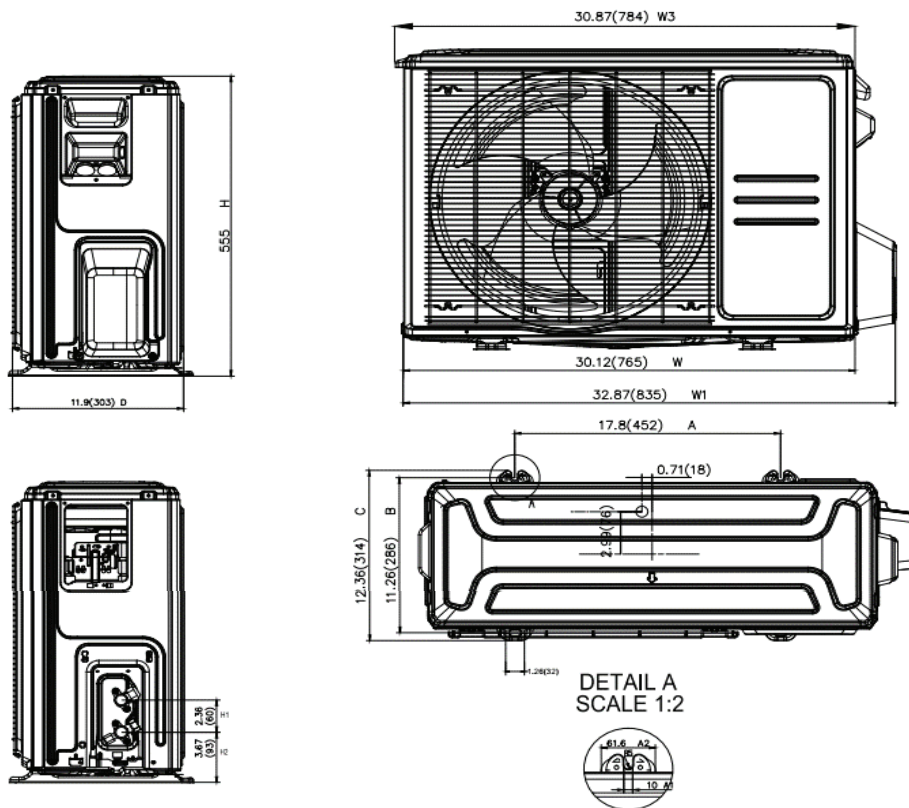
OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KSK103D33UEZ3
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	6944 / 11107
Input	(W)	325 / 826
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	800/600
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1294.12
Outdoor noise level	[dB(A)]	55.00
<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.)	57.76/63.49
	(kg)	26.2/28.8

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)