


SUBMITTAL DATA SHEET




<b>CHF12CD(I)/CZP12CD(O)</b>	<b>Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

**Set Model**  
 Indoor unit model CHF12CD(I)  
 Outdoor unit model CZP12CD(O)

**Certified**

AHRI 

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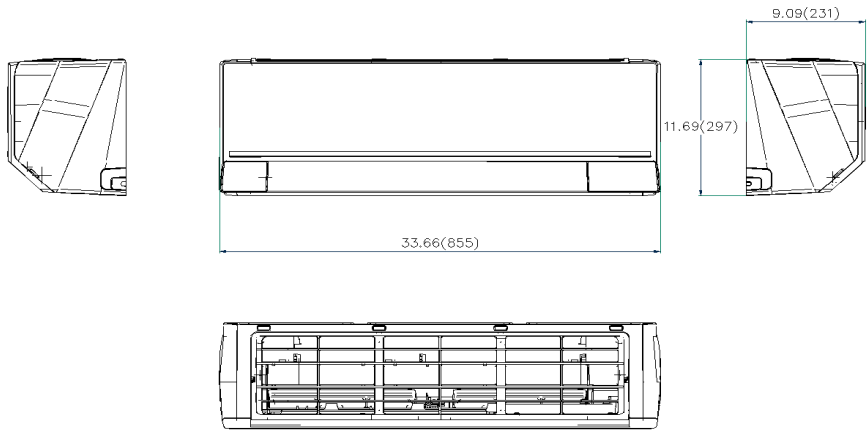


SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage (V, Ph, Hz)		208/230,1,60
Voltage Range (V)		187-253
<b>Electrical</b>		
Minimum circuit ampacity (A)		13.0
Max.fuse (A)		15.0
Connection wiring		16*4 AWG
<b>Cooling</b>		
Rated Capacity (Btu/h)		12000
Capacity Range (Btu/h)		3600~13300
Power Input (Max) (W)		880
Rated current (A)		3.82
SEER2 (Btu/W)		24.6
EER2 (Btu/W)		13.7
<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		12000
Capacity Range (Btu/h)		4500~13500
Power Input (Max) (W)		945
Rated current (A)		4.1
HSPF2-4 (Btu/W)		10.7
HSPF2-5 (Btu/W)		8.1
COP W/W		3.72
<b>Heating at 17F</b>		
Max Capacity (Btu/h)		10000
REFRIGERANT PIPE DATA		
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/38.1
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)	6.35/12.7
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)		60~90 / 32~86
	(Deg. °C)	16~32 / 0~30
Outdoor(cooling/heating) (Deg. °F)		-13~122 / -13~75
	(Deg. °C)	-25~50 / -25~24
Application area (sq.ft)		172.22~247.57
	(m2)	16~23

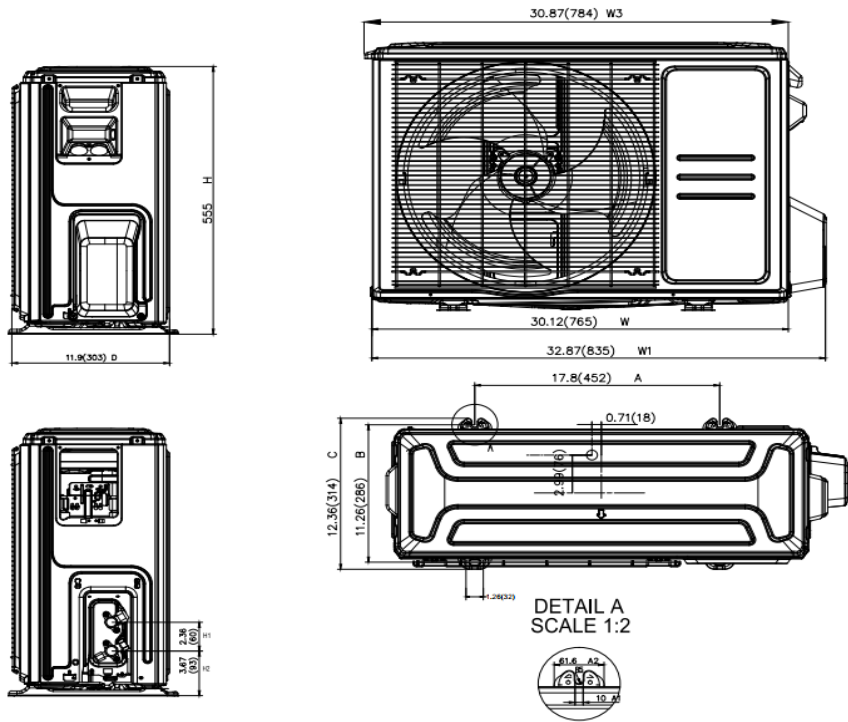
INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-20-8-6-21
Qty		1
Input (W)		50.0
RLA (A)		0.25
LRA (A)		--
Winding Resistance (Ω)		--
Capacitor (uF)		--
Speed(Hi/Mi/Lo) (r/min)		1050/930/870
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct) (CFM)		335.29/229.41/176.47
Indoor noise level (Hi/Med/Lo) [dB(A)]		36/33.5/22.5
<b>Dehumidification</b> (Pint/H)		--
<b>Indoor unit</b>		
Dimension (WxDxH) (inch)		31.30x8.86x11.61
	(mm)	795x225x295
Packing(WxDxH) (inch)		34.25x14.57x12.01
	(mm)	870x370x305
Net/Gross weight (lbs.)		22.93/28.88
	(kg)	10.4/13.1

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 +EXV
<b>Outdoor fan motor</b>		
Model		ZKFN-34-10-1
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		800/600
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		1294.10
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.)		63.71/69.00
	(kg)	28.9/31.3

Indoor unit dimension



Outdoor unit dimension



**General Features**

Intelligent Eye(optional)

Easy Installation

Easy Maintenance

Easy Clean

High Efficiency

Wireless Remote with LCD Display

**Extended Performance Data**