

SUBMITTAL DATA SHEET



<b>CHF24CD(I)/CZP24CD(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 CHF24CD(I)  
 Outdoor unit model CZP24CD(O)

**Certified**

AHRI

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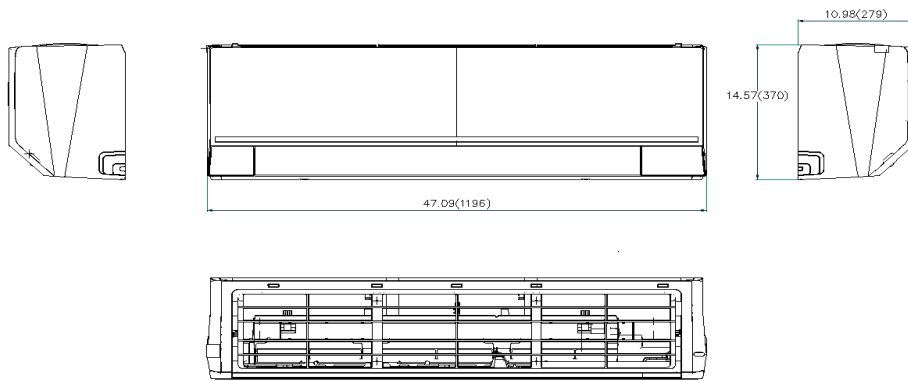
SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1,60
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	22.0
Max.fuse	(A)	30.0
Connection wiring		16*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	9200~26800
Power Input (Max)	(W)	1714
Rated current	(A)	8
SEER2	(Btu/W)	22.0
EER2	(Btu/W)	14.0
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	25000
Capacity Range	(Btu/h)	10350~27000
Power Input (Max)	(W)	1953
Rated current	(A)	8.7
HSPF2-4	(Btu/W)	9.2
HSPF2-5	(Btu/W)	6.5
COP	W/W	3.75
<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	16500

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/82.89
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)	9.52/15.9
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)	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)	344.44~505.90
	(m2)	32~47

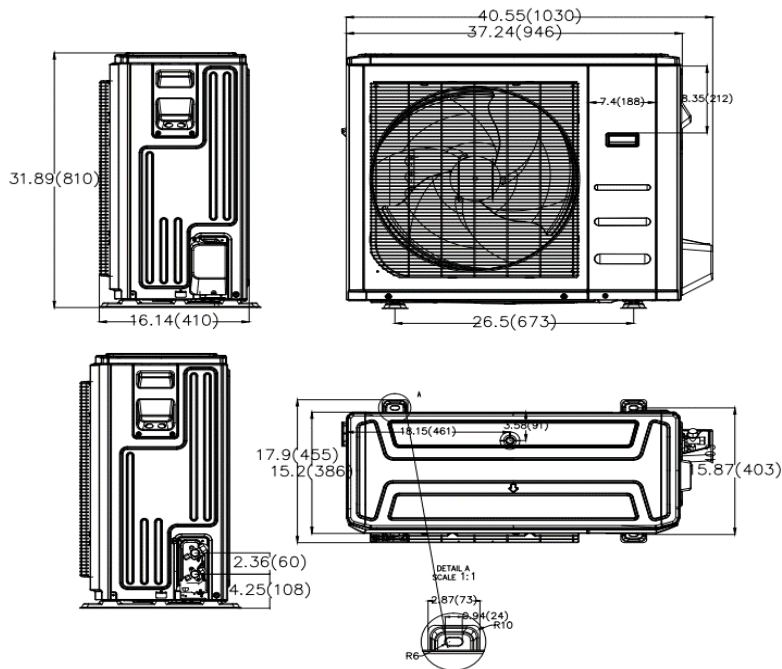
INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-58-8-1-6
Qty		1
Input	(W)	58.0
RLA	(A)	0.5
LRA	(A)	--
Winding Resistance	(Ω)	--
Capacitor	(uF)	--
Speed(Hi/Mi/Lo)	(r/min)	1000/850/700
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	611.18/414.12/318.82
Indoor noise level (Hi/Med/Lo)	[dB(A)]	44/39.5/34
<b>Dehumidification</b>		
	(Pint/H)	--
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	44.88x10.83x14.57
	(mm)	1140x275x370
Packing(WxDxH)	(inch)	48.43x17.91x13.98
	(mm)	1230x455x355
Net/Gross weight	(lbs.)	43.65/54.89
	(kg)	19.8/24.9

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 +EXV
<b>Outdoor fan motor</b>		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	900/810/450/360
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	2235.30
Outdoor noise level	[dB(A)]	60
<b>Outdoor unit</b>		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	124.78/134.92
	(kg)	56.6/61.2

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**