


SUBMITTAL DATA SHEET




<b>CHF24CD(I)/CHF24CD(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 CHF24CD(O)

**Certified**

AHRI 

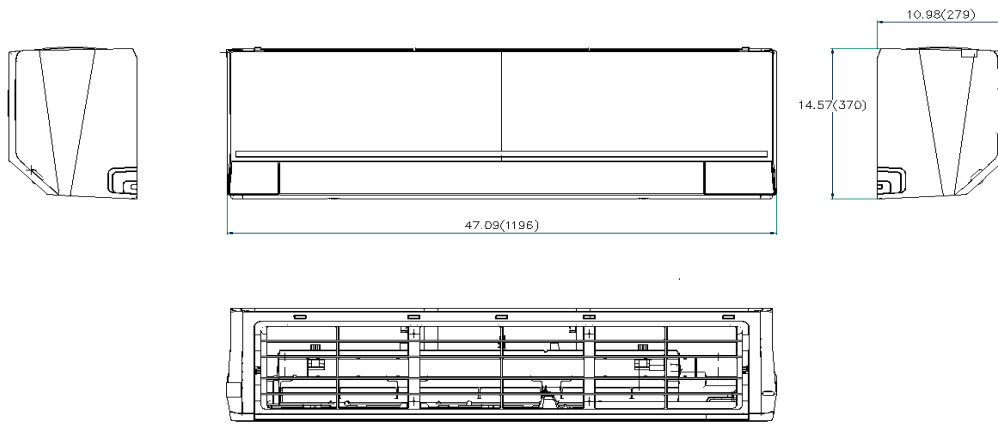
UL 



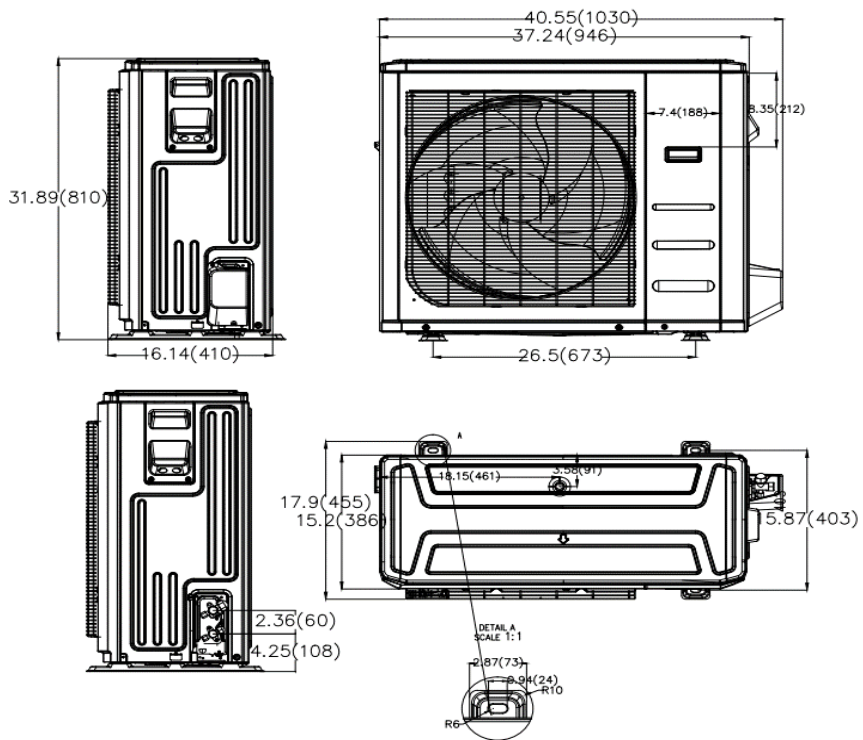
SYSTEM PERFORMANCE DATA		
<b>Power supply</b>		
Normal Operational Voltage (V, Ph, Hz)		208/230,1,60
Voltage Range (V)		187-253
<b>Electrical</b>		
Minimum circuit ampacity (A)		25.0
Max.fuse (A)		35.0
Connection wiring		16*4 AWG
<b>Cooling</b>		
Rated Capacity (Btu/h)		24000
Capacity Range (Btu/h)		6850~27000
Power Input (Max) (W)		1845
Rated current (A)		8.1
SEER2 (Btu/W)		21.5
EER2 (Btu/W)		13
<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		29000
Capacity Range (Btu/h)		11900~31000
Power Input (Max) (W)		2500
Rated current (A)		10.9
HSPF2-4 (Btu/W)		11.4
HSPF2-5 (Btu/W)		9.2
COP W/W		3.40
<b>Heating at 17F</b>		
Max Capacity (Btu/h)		19800
REFRIGERANT PIPE DATA		
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/91.7
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)		63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Outdoor(cooling/heating) (Deg. °F)		-22~122 / -22~75
	(Deg. °C)	-30~50 / -30~24
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)]		46/39/34
<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)		1150/1050/900/850
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		2235.30
Outdoor noise level [dB(A)]		62
<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.)		134.48/144.40
	(kg)	61/65.5

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**