



CHF24CD(I)/CZP24CD(O)	Wall Mounted Heat Pump System
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 
 UL 



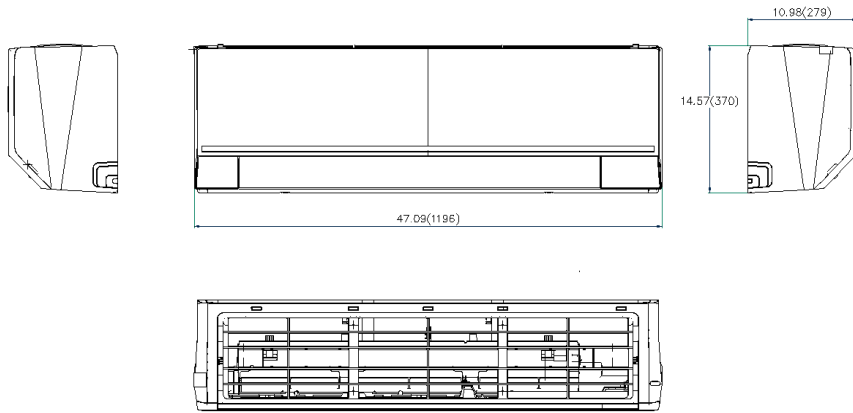
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1,60
Voltage Range (V)		187-253
Electrical		
Minimum circuit ampacity (A)		22.0
Max.fuse (A)		30.0
Connection wiring		14*4 AWG
Cooling		
Rated Capacity (Btu/h)		24000
Capacity Range (Btu/h)		9200~26800
Power Input (Max) (W)		1714
Rated current (A)		8
SEER (Btu/W)		22
EER (Btu/W)		14
Heating at 47F		
Rated Capacity (Btu/h)		25000
Capacity Range (Btu/h)		10350~27000
Power Input (Max) (W)		1953
Rated current (A)		8.7
HSPF4 (Btu/W)		12
HSPF5 (Btu/W)		10
COP		3.75
Heating at 17F		
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

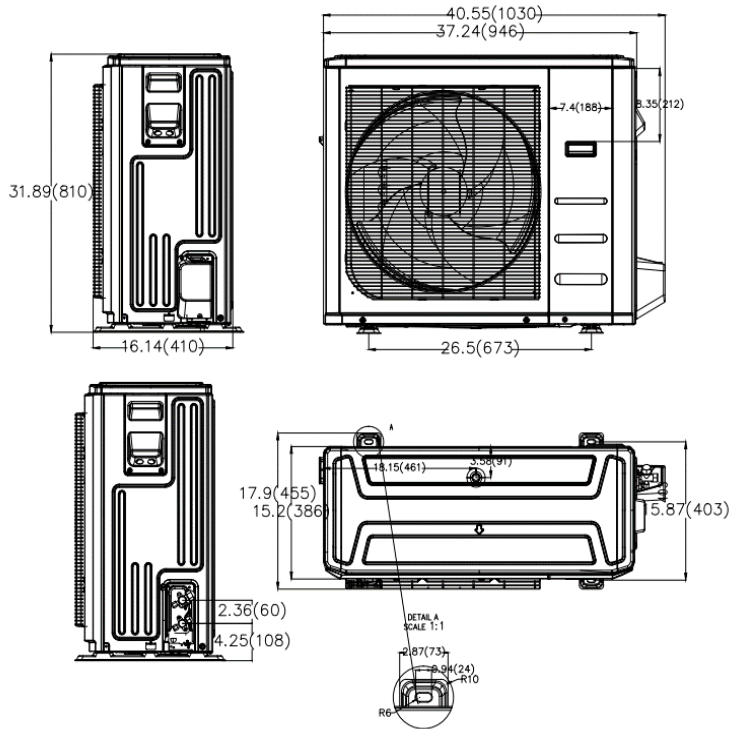
INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-58-8-1-6
Qty		1
Input (W)		58.0
RLA (A)		0.5
LRA (A)		---
Winding Resistance (Ω)		---
Capacitor (uF)		---
Speed(Hi/Mi/Lo) (r/min)		1000/850/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (CFM)		611.18/414.12/318.82
Indoor noise level (Hi/Med/L) [dB(A)]		44/39.5/34
Dehumidification (Pint/H) ---		
Indoor unit		
Dimension (WxDxH) (inch)		47.09x10.98x14.57
		(mm) 1196x279x370
Packing(WxDxH) (inch)		50.39x14.17x17.91
		(mm) 1280x360x455
Net/Gross weight (lbs.)		43.65/54.89
		(kg) 19.8/24.9

OUTDOOR UNIT DATA		
Compressor		
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
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input (W)		--
RLA (A)		--
Speed (r/min)		900/810/450/360
Air flow & Noise level		
Outdoor air flow (Max.) (CFM)		2235,30
Outdoor noise level [dB(A)]		60
Outdoor unit		
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