



CHF18CD(I)/CZP18CD(O)	Wall Mounted Heat Pump System
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

<b>Set Model</b>	
Indoor unit model	CHF18CD(I)
Outdoor unit model	CZP18CD(O)
<b>Certified</b>	
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)	17,0
Max.fuse	(A)	25,0
Connection wiring		14*4 AWG
<b>Cooling</b>		
Rated Capacity	(Btu/h)	18000
Capacity Range	(Btu/h)	2000~19300
Power Input (Max)	(W)	1440
Rated current	(A)	6.45
SEER	(Btu/W)	22.6
EER	(Btu/W)	12.5

<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	19000
Capacity Range	(Btu/h)	6200~21000
Power Input (Max)	(W)	1650
Rated current	(A)	7.4
HSPF4	(Btu/W)	12
HSPF5	(Btu/W)	10
COP	W/W	3.37

<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	15600

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/56.44
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)	98,0
	(m)	30,0
Max. difference in level	(ft)	66,0
	(m)	20,0
Connection method		(Flared)

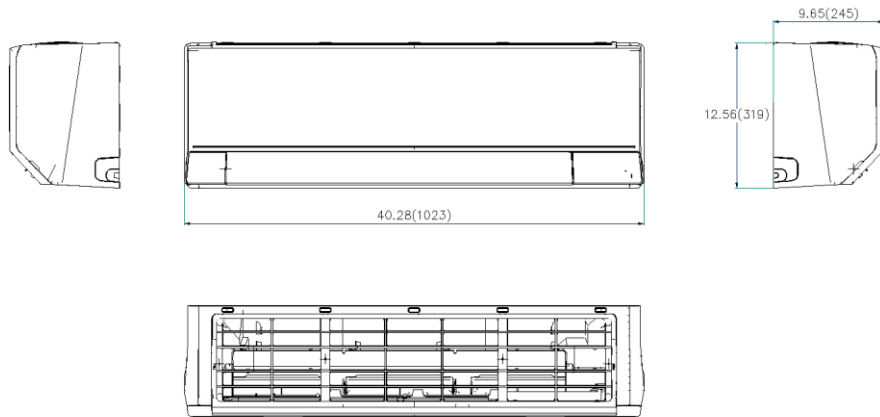
INDOOR UNIT DATA		
<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFP-30-8-3-10
Qty		1
Input	(W)	36.0
RLA	(A)	0.4
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1240/1024/916
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (l)	(CFM)	523.53/376.47/305.88
Indoor noise level (Hi/Med/L)	[dB(A)]	46.5/43/32.5
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	40.28x9.65x12.56
	(mm)	1023x245x319
Packing(WxDxH)	(inch)	43.11x12.80x15.75
	(mm)	1095x325x400
Net/Gross weight	(lbs.)	27.12/35.71
	(kg)	12.3/16.2

OUTDOOR UNIT DATA		
<b>Compressor</b>		
Type		KSN140D58UFZ
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	14723,39115
Input	(W)	1090
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary +EXV
<b>Outdoor fan motor</b>		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	810/720
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1764,70
Outdoor noise level	[dB(A)]	58
<b>Outdoor unit</b>		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50

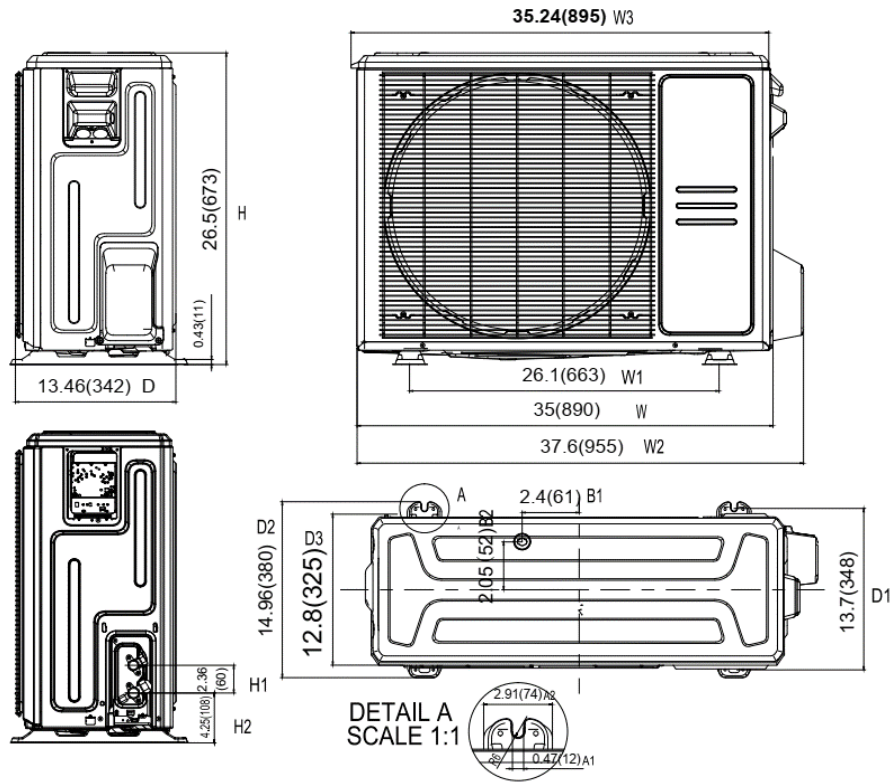
Indoor(cooling/ heating)	(Deg. °F)	60~90 / 32~86
	(Deg. °C)	16~32 / 0~30
Outdoor(cooling/heating)	(Deg. °F)	-13~122 / -13~75
	(Deg. °C)	-25~50 / -25~24
Application area	(sq.ft)	258.33~376.74
	(m2)	24~35

Packing (W×D×H)	(mm)	890x342x673
	(inch)	39.17x15.67x29.13
Net/ Gross weight	(mm)	995x398x740
	(lbs.)	95.02/101.85
	(kg)	43.1/46.2

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**

