



CGS24CD(I)/CGS24CD(O)	24,000 BTU/H(208/230V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

Set Model	
Indoor unit model	CGS24CD(I)
Outdoor unit model	CGS24CD(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)		19
Max.fuse	(A)		30
Connection wiring			14*4 AWG
Cooling			
Rated Capacity	(Btu/h)		24000
Capacity Range	(Btu/h)		6200-24600
Power Input (Max)	(W)		2520
Rated current	(A)		11.2
SEER	(Btu/W)		18.5
EER	(Btu/W)		9.5

Heating at 47F			
Rated Capacity	(Btu/h)		24000
Capacity Range	(Btu/h)		6800-26800
Power Input (Max)	(W)		2320
Rated current	(A)		10.25
HSPF4	(Btu/W)		10.2
HSPF5	(Btu/W)		8.3
COP	W/W		3.03

Heating at 17F			
Max Capacity	(Btu/h)		14800

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)		550/340
Refrigerant Type	(Oz)		R410A/62.8
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)		φ9.52 / φ15.9
Max. pipe length	(ft)		164.0
	(m)		50.0
Max. difference in level	(ft)		82.0
	(m)		25.0
Connection method			(Flared)

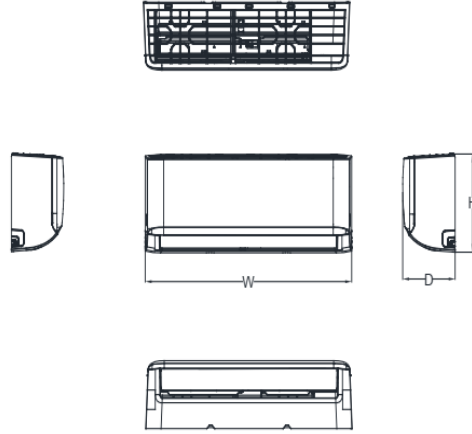
INDOOR UNIT DATA			
Indoor fan motor			
Type			Cross-Flow
Model			ZKFP-58-8-1-5
Qty			1
Input	(W)		58.0
RLA	(A)		-
LRA	(A)		---
Winding Resistance	(Ω)		---
Capacitor	(uF)		---
Speed(Hi/Mi/Lo)	(r/min)		1200/1080/600
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (l	(CFM)		546.47/402.35/330.59
Indoor noise level (Hi/Med/L	[dB(A)]		45/39.5/36
Dehumidification			
	(Pint/H)		---
Indoor unit			
Dimension (WxDxH)	(inch)		42.60x9.21x13.27
	(mm)		1082x234x337
Packing(WxDxH)	(inch)		45.47x16.34x12.40
	(mm)		1155x415x315
Net/Gross weight	(lbs.)		29.98/38.14
	(kg)		13.6/17.3

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
Outdoor fan motor			
Model			ZKFN-80-8-3
Qty			1
Input	(W)		--
RLA	(A)		--
Speed	(r/min)		810/720
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		1764,71
Outdoor noise level	[dB(A)]		60,00
Outdoor unit			
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)	5~122 / 5~75
	(Deg. °C)	-15~50 / -15~24
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47

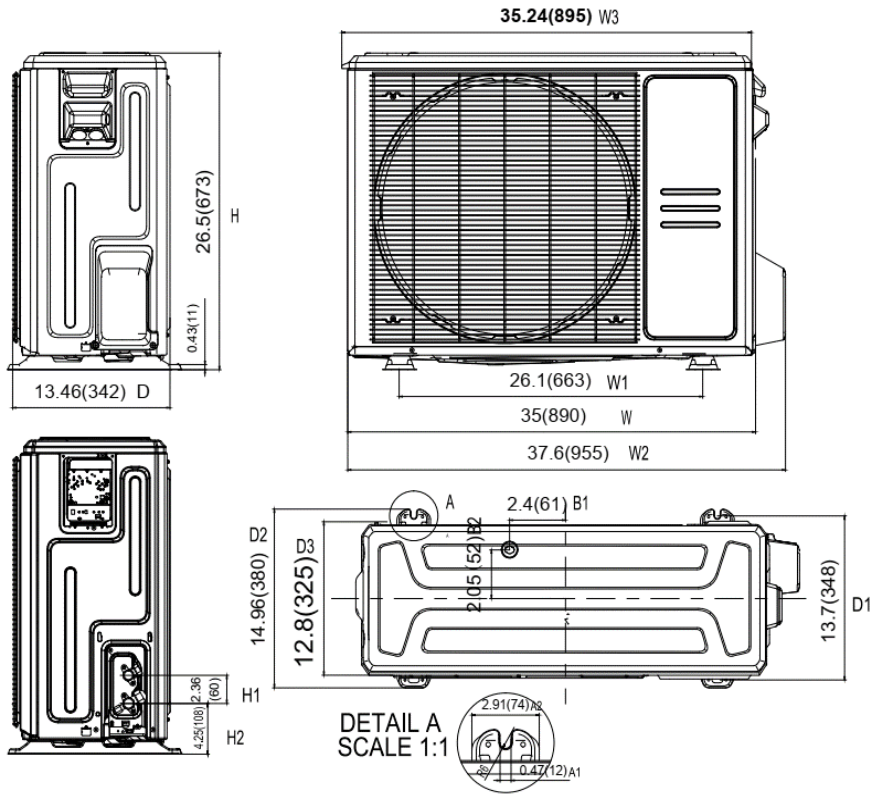
Packing (W×D×H)	(mm)	890x342x673
	(inch)	39.17x15.67x29.13
Net/ Gross weight	(mm)	995x398x740
	(lbs.)	29.98/38.14
	(kg)	13.6/17.3

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K-11K	A	729/28.7	200/7.87	292/11.5
8K-14K	B	802/31.57	200/7.87	295/11.61
12K-21K	C	971/38.23	228/8.98	321/12.64
18K-28K	D	1082/42.6	234/9.21	337/13.27
27K-36K	F	1259/49.57	283/11.14	362/14.25

Outdoor unit dimension





General Features

Wireless Remote with LCD Display

46F Heating

Sleep Mode

Silent Mode

Self Clean

Follow Me (optional)

Extended Performance Data

