



CGS09CA(I)/CGS09CA(O)	9,000 BTU/H(115V)	Wall Mounted Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

Set Model	
Indoor unit model	CGS09CA(I)
Outdoor unit model	CGS09CA(O)
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	115, 1, 60
Voltage Range	(V)	103.5-126.5
Electrical		
Minimum circuit ampacity	(A)	20
Max.fuse	(A)	30
Connection wiring		14*4 AWG
Cooling		
Rated Capacity	(Btu/h)	9000
Capacity Range	(Btu/h)	2650-10300
Power Input (Max)	(W)	725
Rated current	(A)	6
SEER	(Btu/W)	21.5
EER	(Btu/W)	12.5

Heating at 47F		
Rated Capacity	(Btu/h)	10000
Capacity Range	(Btu/h)	2700-10500
Power Input (Max)	(W)	900
Rated current	(A)	7.82
HSPF4	(Btu/W)	10.3
HSPF5	(Btu/W)	8.3
COP	W/W	3.26

Heating at 17F		
Max Capacity	(Btu/h)	6000

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/25.4
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" / 3/8"
	(mm)	φ6.35 / φ9.52
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		(Flared)

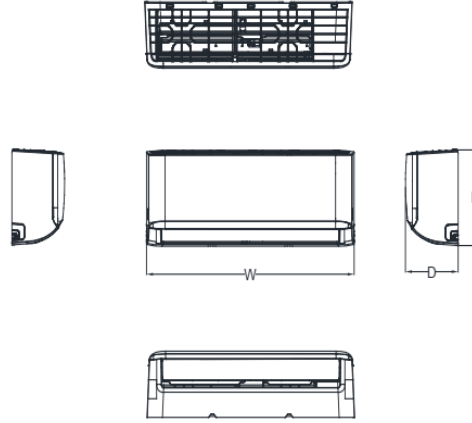
INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFP-20-8-113
Qty		1
Input	(W)	35.0
RLA	(A)	-
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1050/810/690
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (l)	(CFM)	238.82/170.00/137.06
Indoor noise level (Hi/Med/L)	[dB(A)]	37.5/28/20
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	28.70x7.87x11.50
	(mm)	729x200x292
Packing(WxDxH)	(inch)	31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight	(lbs.)	17.64/22.71
	(kg)	8.0/10.3

OUTDOOR UNIT DATA		
Compressor		
Type		KSK103D33UEZ3
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	6944 / 11107
Input	(W)	325 / 826
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	-
Throttle		Capillary
Outdoor fan motor		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	800/600
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1294,12
Outdoor noise level	[dB(A)]	55,00
Outdoor unit		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85

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)	129.17~193.75
	(m2)	12~18

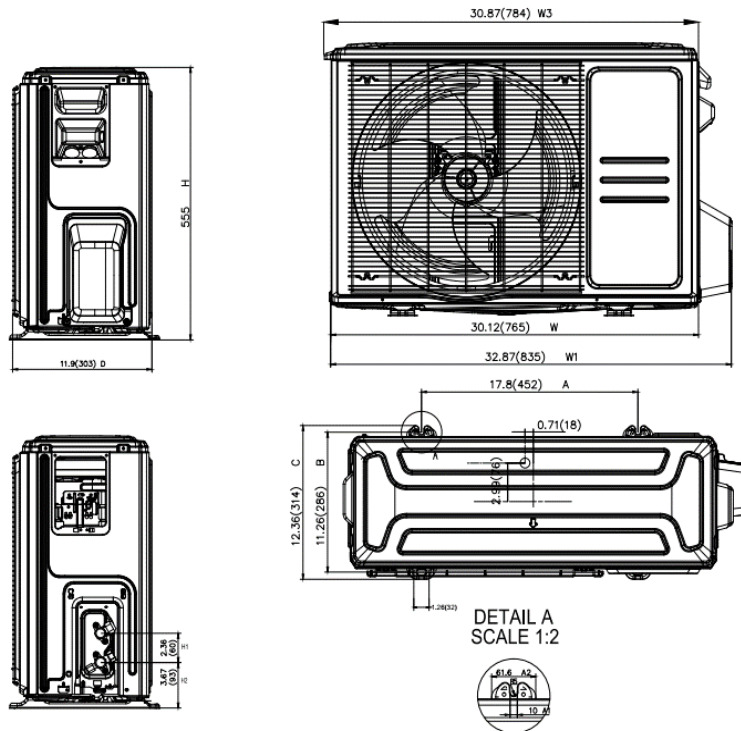
Packing (W×D×H)	(mm)	765x303x555
	(inch)	34.92x13.27x24.02
Net/ Gross weight	(mm)	887x337x610
	(lbs.)	57.76/63.49
	(kg)	26.2/28.8

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

