

SUBMITTAL DATA SHEET

ComfortStar®

CAC12CA-WIU

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Model

Indoor unit model
 Outdoor unit model

CAC12CA(I)-WIU
 CAC12CA(O)-WIU

Certified



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	115V_1Ph~50/60HZ
Cooling Capacity	Btu/h	12000
Input	W	1050
Current	A	9.13
EER	W/W	3.35
SEER	Btu/W	22.0
Rated Power Input	W	1850
Rated Current	A	16.5

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-20-8-113
Input	W	35
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1200/1040/960
Indoor air flow (Hi/Mi/Lo)	m3/h	485/379/337
	CFM	285/223/198
Indoor noise level (Hi/Mi/Lo)	dB(A)	40/35.5/33
Indoor unit Dimension(W*D*H)	mm	802x200x295
	inch	31.57x7.87x11.61
Indoor unit Packing (W*D*H)	mm	875x285x380
	inch	34.45x11.22x14.96
Indoor unit Net/Gross weight	kg	8.5/11
	lbs	18.7/24.3

REFRIGERANT PIPE DATA

Compressor

Model		KSK103D32UEZ31
Type		ROTARY
Brand		GMCC
Capacity	W	2020/3245 ±3%
Input	W	332/850 ±3%
Rated current(RLA)	A	2.42/5.70 ±3%
Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10

Refrigerant piping

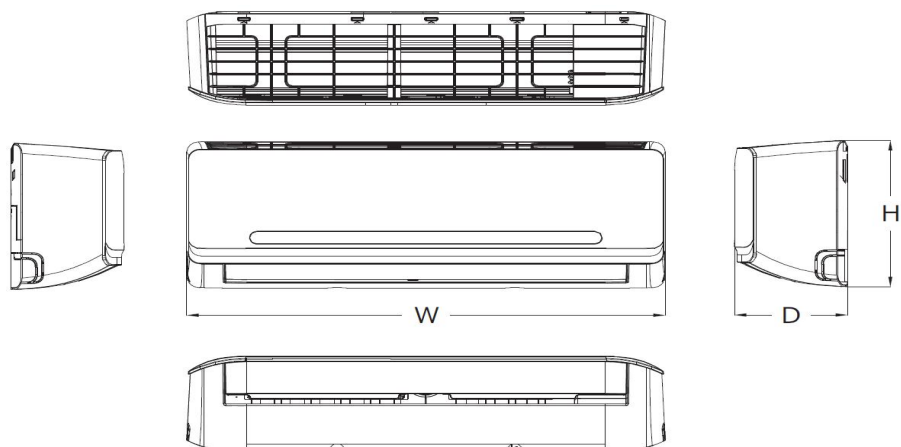
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)
Max. refrigerant pipe length	m	25
	inch	984
Max. difference in level	m	10
	inch	394
Connection wiring		14#x4
Operation temperature	°C	17~30
	°F	63~86
Indoor temperature	°C	16~32
	°F	63~90
Outdoor temperature	°C	0~50
	°F	34~122
Application area (Cooling Standar	m ²	16~23
	ft ²	172~248

OUTDOOR UNIT DATA

Outdoor fan motor

Model		ZKFN-25-10-5L
Input	W	/
Capacitor	uF	/
Speed	r/min	850/600
Outdoor air flow	m3/h	1800
	CFM	1059
Outdoor noise level	dB(A)	53
Outdoor unit Dimension(W*D*H)	mm	720x270x495
	inch	28.35x10.63x19.49
Outdoor unit Packing (W*D*H)	mm	835x300x540
	inch	32.87x11.81x21.26
Outdoor unit Net/Gross weight	kg	21.3/23.3
	lbs	47.0/51.4

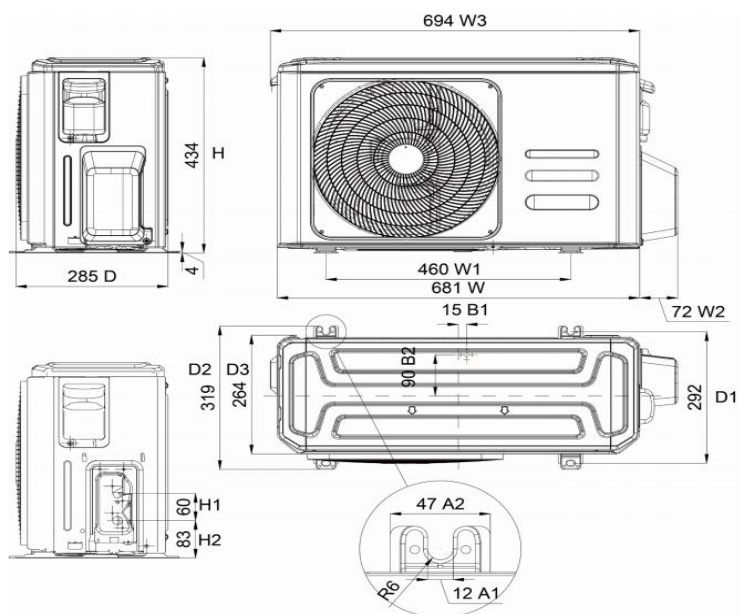
Indoor unit dimension



(The figure is for reference only)

Dimension(inch)	W	D	H
CAC12CA(I)-WIU	31.57	7.87	11.61
CAC12CD(I)-WIU	31.57	7.87	11.61
CAC18CD(I)-WIU	38.23	8.98	12.64
CAC24CD(I)-WIU	42.60	9.21	13.27
CAC36CD(I)-WIU	49.57	11.14	14.25

Outdoor unit dimension



(The figure is for reference only)

Dimension(inch)	W	D	H
CAC12CA(O)-WIU	28.35	10.63	19.49
CAC12CD(O)-WIU	28.35	10.63	19.49
CAC18CD(O)-WIU	30.12	11.93	21.85
CAC24CD(O)-WIU	35.04	13.46	26.5
CAC36CD(O)-WIU	37.24	16.14	31.89