

SUBMITTAL DATA SHEET

ComfortStar®

CAC18CD-WIU

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

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

Set Model

Indoor unit model
 Outdoor unit model

CAC18CD(I)-WIU
 CAC18CD(O)-WIU

Certified



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	208_230V_1Ph~50/60HZ
Cooling Capacity	Btu/h	18000
Input	W	1450
Current	A	6.5
EER	W/W	3.64
SEER	Btu/W	22.0
Rated Power Input	W	3000
Rated Current	A	13.5

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-30-8-297L
Input	W	/
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1200/1000/750
Indoor air flow (Hi/Mi/Lo)	m3/h	800/600/520
	CFM	471/353/306
Indoor noise level (Hi/Mi/Lo)	dB(A)	43/36/33
Indoor unit Dimension(W*D*H)	mm	971x228x321
	inch	38.23x8.98x12.64
Indoor unit Packing (W*D*H)	mm	1045x305x405
	inch	41.14x12.01x15.94
Indoor unit Net/Gross weight	kg	11.0/14.5
	lbs	24.3/32.0

REFRIGERANT PIPE DATA

Compressor

Model		KSN140D33UFZB3
Type		ROTARY
Brand		GMCC
Capacity	W	2690/4350
Input	W	434/1127
Rated current(RLA)	A	3.18/6.9
Refrigerant oil/oil charge	ml	:STER OIL VG74 420±10ml

Refrigerant piping

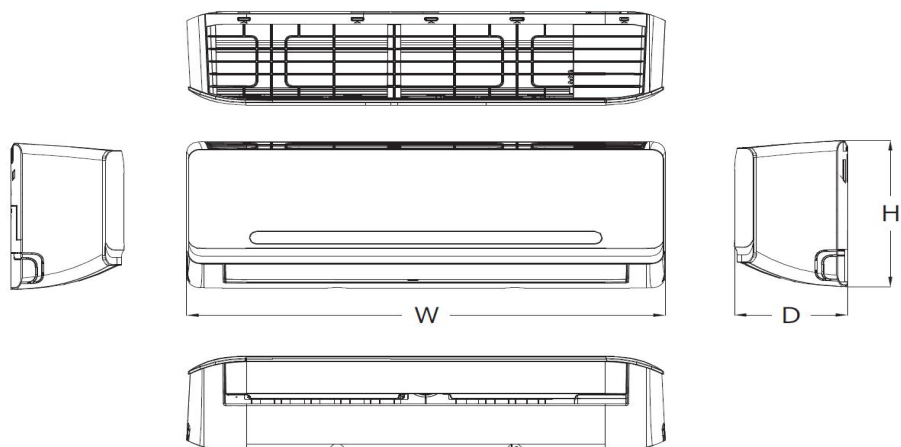
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)
Max. refrigerant pipe length	m	30
	inch	1181
Max. difference in level	m	20
	inch	787
Connection wiring		14#x4
Operation temperature	°C	17~30
	°F	63~86
Indoor temperature	°C	16~32
	°F	63~90
Outdoor temperature	°C	0~50
	°F	34~122
Application area (Cooling Standar	m ²	24~35
	ft ²	258~377

OUTDOOR UNIT DATA

Outdoor fan motor

Model		ZKFN-25-10-5L
Input	W	/
Capacitor	uF	/
Speed	r/min	900/450
Outdoor air flow	m3/h	2100
	CFM	1236
Outdoor noise level	dB(A)	56
Outdoor unit Dimension(W*D*H)	mm	765x303x555
	inch	30.12x11.93x21.85
Outdoor unit Packing (W*D*H)	mm	887x337x610
	inch	34.92x13.27x24.02
Outdoor unit Net/Gross weight	kg	26.0/28.5
	lbs	57.3/62.8

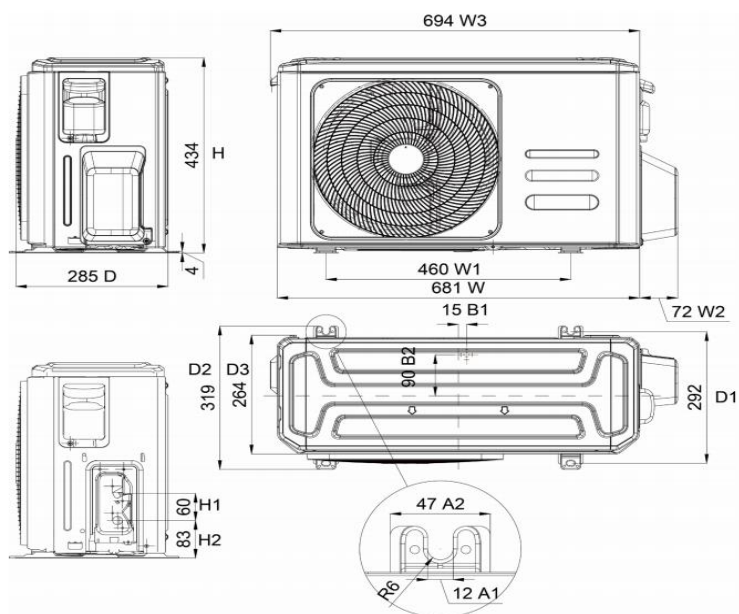
Indoor unit dimension



(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