SUBMITTAL DATA SHEET

ComfortStar®

CAC18CD-V

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

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

Set Model

Indoor unit model	**CAC18CD(I)-V(45Z)**
Outdoor unit model	**CAC18CD(O)-V(461)**
Ceritified	**AHRI**



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	220V_1Ph_50_60HZ
Cooling		
Capacity	Btu/h	18000
	Btu/h	3150~19000
Input	W	1840
	W	150~1800
Current	A	8.5
	A	0.7~8.3
SEER2	Btu/W.h	23
EER2	W/W	2.87
Rated Power Input	W	2500
Rated Current	A	13.5

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-35-10-188L
Input	W	55
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1150/850/750
Indoor air flow (Hi/Mi/Lo)	CFM	500/382/324
Indoor noise level (Hi/Mi/Lo)	dB(A)	43.5/37.5/33
Indoor unit		
Dimension(W*D*H)	mm	975x218x308
	inches	38.4x8.6x12.1
Packing (W*D*H)	mm	1035x295x385
	inches	40.7x11.6x15.2
Net/Gross weight	kg	10.1/13.2
	lbs	22.3/29.1

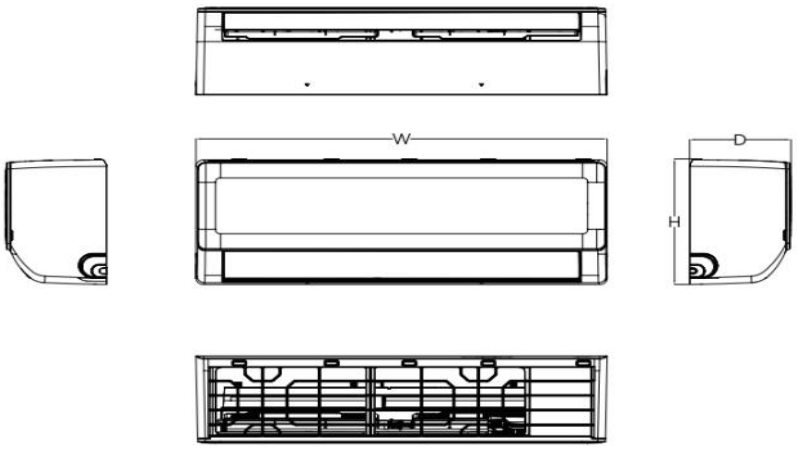
REFRIGERANT PIPE DATA

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 type	kg	R32/0.62
	oz	21.90
Design pressure	MPa	4.3/1.7
Refrigerant piping		
Liquid side/ Gas side	inch	6.35mm(1/4in)/12.7mm(1/2in)
Max. refrigerant pipe length	m	30
	ft	98
Max. difference in level	m	20
	ft	66
Operation temperature	℉	62~86
Indoor temperature	℉	60～90
Outdoor temperature	℉	32～122

OUTDOOR UNIT DATA

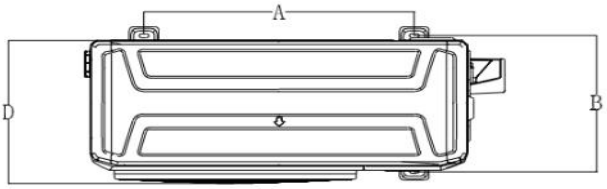
Outdoor fan motor		
Model		ZKFN-25-10-5L
Speed	r/min	810/450
Outdoor air flow	CFM	1235
Outdoor noise level	dB(A)	57
Outdoor unit		
Dimension(W*D*H)	mm	765x303x555
	inches	30.1x11.9x21.9
Packing (W*D*H)	mm	887x337x610
	inches	34.9x13.3x24.0
Net/Gross weight	kg	22.2/24.4
	lbs	49.0/53.8

Indoor unit dimension



MODELS	unit	W	D	H
CAC12CD(I)-V	mm	723	199	286
	inch	28.5	7.8	11.3
CAC12CA(I)-V	mm	723	199	286
	inch	28.5	7.8	11.3
CAC18CD(I)-V	mm	975	218	308
	inch	38.4	8.6	12.1
CAC24CD(I)-V	mm	1055	231	330
	inch	41.5	9.1	13.0

Outdoor unit dimension



MODELS	unit	A	B	D
CAC12CD(O)-V	mm	452	255	270
	inch	17.8	10.0	10.6
CAC12CA(O)-V	mm	452	255	270
	inch	17.8	10.0	10.6
CAC18CD(O)-V	mm	452	286	303
	inch	17.8	11.3	12.0
CAC24CD(O)-V	mm	511	317	330
	inch	20.1	12.5	13.0