

SUBMITTAL DATA SHEET

ComfortStar®

CLA18CD-L	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model

Indoor unit model CLA18CD-L(I)
 Outdoor unit model CLA18CD-L(O)

Certified

AHRI 

ETL 



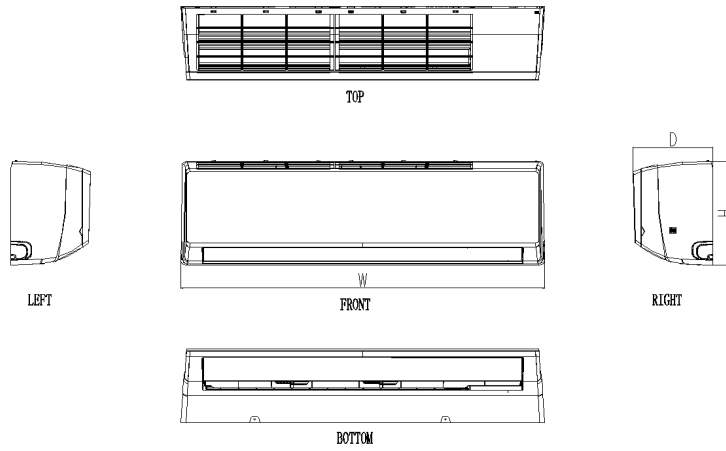
SYSTEM PERFORMANCE DATA		
Power supply		208-230V~/60Hz/1P
Voltage Range	V	165~265
Rated current	A	8.4(1.3~12.0)
Rated input	W	1847(300~2100)
Max Current	A	12
Max Power input	W	2100.00
Rated cooling capacity	Btu/h	17000(4095~19500)
EER for cooling	Btu/W	9.20
EER2 (95F/35C) for cooling	Btu/W.h	8.50
SEER	Btu/W.h	17
SEER2 for cooling	Btu/W.h	17

INDOOR UNIT DATA		
Indoor air circulation(Cooling)	m3/h	950
	CFM	558.00
Indoor noise level at cooling	H/M/L dB(A)	43/38/33
Indoor fan type		Cross flow
Indoor fan speed H/M/L	Cooling(rpm)	1350/1250/1050/850/750
	Dry(rpm)	1350
	Sleep(rpm)	850
Indoor fan motor		22001-000409210900495H
Indoor fan motor output		33
Dimensions (WxDxH)	mm	910x294x206
	Inches	35.82x11.57x8.11
Net weight	kg	10.00
	Lbs.	22.00
Packing dimensions	mm	979x372x277
	Inches	38.54x14.64x10.90
Gross weight with pipe	kg	13.0
	Lbs.	28.6

REFRIGERANT PIPE DATA		
Refrigerant		R410A/680g
Compressor	Type	Rotary
	Model	KSN140D33UFZ3
	MFG	GMCC
Evaporator		φ7×2
Condenser		φ5×1
Moisture removal	Liters/h	1.8
Pressure(H/L)	MPa	4.5/1.9
Connecting Pipe	Gas(inches)	3/8"
	Liquid(inches)	1/4"
Connecting Wiring	Size x Core number	8.5
Drainage Pipe		O.D 16mm
Suitable area	m2	20~35
	ft2	215~376

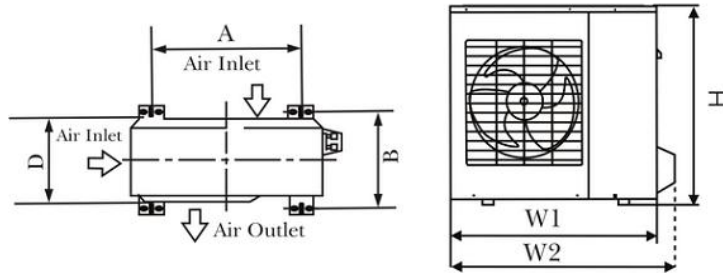
OUTDOOR UNIT DATA		
Outdoor fan type		Propeller
Outdoor fan motor		22001-000551
Outdoor fan speed		1000
Outdoor fan motor output		33
Outdoor noise level	dB(A)	52
Dimensions (WxDxH)	mm	853x349x602
	Inches	33.58x13.74x23.70
Net weight	kg	26
	Lbs.	57.3
Packing dimensions	mm	890*385*628
	Inches	35.03x15.15x24.72
Gross weight with pipe	kg	30
	Lbs.	66.10

Indoor unit dimension



	W(mm)	H(mm)	D(mm)
12K	777	250	201
18K/24K	910	294	206

Outdoor unit dimension



	H(mm)	W1(mm)	W2(mm)	D(mm)
12K	498	721	777	240
18K/24K	602	794	853	288