

# SUBMITTAL DATA SHEET

## ComfortStar®

<b>CLA24CD-L</b>	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

**Set Model**  
 Indoor unit model      CLA24CD-L(I)  
 Outdoor unit model     CLA24CD-L(O)

**Certified**

<b>AHRI</b>	
<b>ETL</b>	



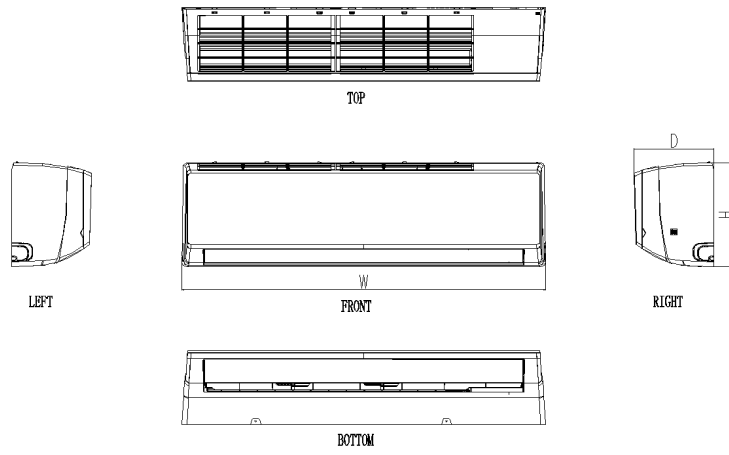
SYSTEM PERFORMANCE DATA		
Power supply		208-230V~/60Hz/1P
Voltage Range	V	165~265
Rated current	A	10.9(2.5~13.5)
Rated input	W	2395(300~2800)
Max Current	A	13.5
Max Power input	W	2800.00
Rated cooling capacity	Btu/h	23000(4090~24900)
EER for cooling	Btu/W	9.60
EER2 (95F/35C) for cooling	Btu/W.h	9.50
SEER	Btu/W.h	17
SEER2 for cooling	Btu/W.h	18

INDOOR UNIT DATA		
Indoor air circulation(Cooling)	m3/h	1300
	CFM	764.00
Indoor noise level at cooling	H/M/L dB(A)	49/45/41
Indoor fan type		Cross flow
Indoor fan speed H/M/L	Cooling(rpm)	1270/1200/1100/920/850
	Dry(rpm)	1270
	Sleep(rpm)	920
Indoor fan motor		22001-000240210900290B
Indoor fan motor output		33
Dimensions (WxDxH )	mm	1010x315x220
	Inches	39.76x12.40x8.66
Net weight	kg	13.00
	Lbs.	28.60
Packing dimensions	mm	1096x390x297
	Inches	43.14x15.35x11.69
Gross weight with pipe	kg	16.0
	Lbs.	35.2

REFRIGERANT PIPE DATA		
Refrigerant		R410A/990g
Compressor	Type	Rotary
	Model	C-6RZ146H3DBF
	MFG	SANYO
Evaporator		φ7×2
Condenser		φ5×2
Moisture removal	Liters/h	2.5
Pressure(H/L)	MPa	4.5/1.9
Connecting Pipe	Gas(inches)	1/2"
	Liquid(inches)	1/4"
Connecting Wiring	Size x Core number	9.5
Drainage Pipe		O.D 16mm
Suitable area	m2	30~50
	ft2	322~538

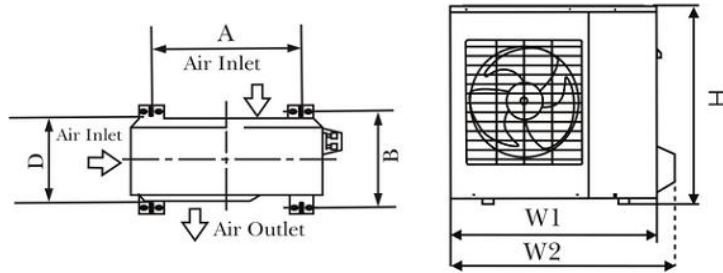
OUTDOOR UNIT DATA		
Outdoor fan type		Propeller
Outdoor fan motor		22001-000551
Outdoor fan speed		1000
Outdoor fan motor output		33
Outdoor noise level	dB(A)	52
Dimensions (WxDxH )	mm	853x349x602
	Inches	33.58x13.74x23.70
Net weight	kg	30
	Lbs.	66.1
Packing dimensions	mm	890*385*628
	Inches	35.03x15.15x24.72
Gross weight with pipe	kg	35
	Lbs.	77.10

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