

SUBMITTAL DATA SHEET

ComfortStar®

CIP24CD-HT	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	CIP24CD-HT(I)
Outdoor unit model	CIP24CD-HT(O)
Certified	
AHRI	
ETL	



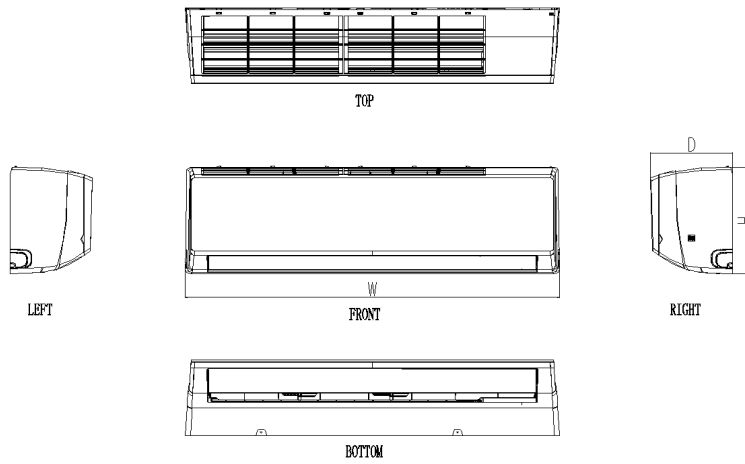
SYSTEM PERFORMANCE DATA		
Power supply	V-Ph-Hz	208-230V~/60Hz/1P
Rated cooling capacity	Btu/h	22000(5120~24900)
Rated heating capacity	Btu/h	22000(5120~24900)
EER for cooling	Btu/W.h	8.9
EER2 (95F/35C) for cooling	Btu/W.h	8.7
SEER	Btu/W.h	16.0
SEER2 for cooling	Btu/W.h	17.0
COP for heating		3.0
	W/W	3.0
COP2 (47F/8.3C) for heating		10.2
HSPF Rating (Region IV)	Btu/W.h	10.2
HSPF2 Rating (Region IV)	Btu/W.h	8.0
Rated input	Cooling(W)	2530(350~2800)
	Heating(W)	2150(350~2700)
Rated current	Cooling(A)	12.0(1.5~13.5)
	Heating(A)	10.2(1.5~13.0)
Max Power input	Cooling(W)	2800
	Heating(W)	2700
Max Current	Cooling(A)	13.5
	Heating(A)	13
Moisture removal	Liters/h	2.5

INDOOR UNIT DATA		
Indoor air circulation(Cooling)	m3/h	1300
	CFM	764.0
Indoor noise level at cooling	High dB(A)	49
	Med. dB(A)	45
	Low dB(A)	41
Indoor fan type		Cross flow
Indoor fan speed H/M/L		
Cooling	rpm	1270/1200//1000/850/700
Heating	rpm	1270/1200//1000/850/750
Dry	rpm	1270
Sleep	rpm	850
Indoor fan motor		22001-000240210900290B
Indoor fan motor output	W	45
Indoor net dimensions	mm	1010×315×220
	Inch	39.8×12.4×8.66
Indoor net weight	kg	13.0
	Lbs.	28.6
Indoor packing dimensions	mm	1096×390×297
	Inch	43.14×15.35×11.69
Indoor gross weight with pipe	kg	16.00
	Lbs.	35.20

REFRIGERANT PIPE DATA		
Refrigerant	oz	R410A/48.4
Compressor		
Type		Rotary
Model		C-6RZ146H3DBF
Brand		SANYO
Evaporator		φ7×2
Condenser		φ7×2
Connecting Pipe		
Gas	Inch	1/2"
Liquid	Inch	1/4"
Connecting Wiring	Size×Core number	4×0.75mm2
Drainage Pipe		O.D 16mm
Control type		Remote
Suitable area	ft ²	322~538
Pressure		
High(DP)	MPa	4.5
Low(SP)	MPa	1.9

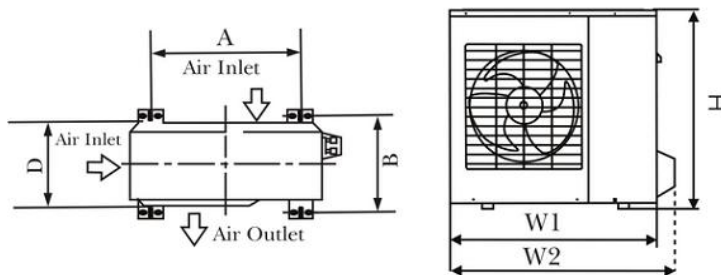
OUTDOOR UNIT DATA		
Outdoor fan type		Propeller
Outdoor fan motor		22001-000551
Outdoor fan speed	rpm	1000
Outdoor fan motor output	W	33
Outdoor noise level	dB(A)	55
Outdoor net dimensions	mm	853×349×602
	(WxDxH)	Inch
Outdoor net weight	kg	33
	Lbs.	72.7
Outdoor packing dimensions	mm	900×405×645
	Inch	35.43×15.94×25.39
Outdoor gross weight with pipe	kg	37
	Lbs.	81.5

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