

SUBMITTAL DATA SHEET

ComfortStar®

CIP18CD-HT	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	CIP18CD-HT(I)
Outdoor unit model	CIP18CD-HT(O)
Certified	
AHRI	
ETL	



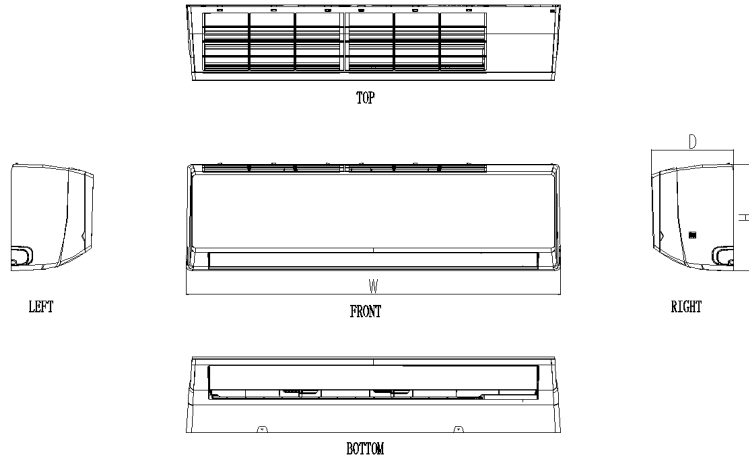
SYSTEM PERFORMANCE DATA		
Power supply	V-Ph-Hz	208-230V~/60Hz/1P
Rated cooling capacity	Btu/h	16500(4095~19500)
Rated heating capacity	Btu/h	17000(4095~19500)
EER for cooling	Btu/W.h	8.5
EER2 (95F/35C) for cooling	Btu/W.h	8.5
SEER	Btu/W.h	16.0
SEER2 for cooling	Btu/W.h	17.0
COP for heating		3.2
	W/W	3.0
COP2 (47F/8.3C) for heating		
HSPF Rating (Region IV)	Btu/W.h	10.2
HSPF2 Rating (Region IV)	Btu/W.h	8.5
Rated input	Cooling(W)	1941(300~2500)
	Heating(W)	1660(300~2500)
Rated current	Cooling(A)	9.2(1.4~12.0)
	Heating(A)	7.9(1.4~12.0)
Max Power input	Cooling(W)	2500
	Heating(W)	2500
Max Current	Cooling(A)	12.0
	Heating(A)	12
Moisture removal	Liters/h	1.8

INDOOR UNIT DATA		
Indoor air circulation(Cooling)	m3/h	950
	CFM	558.0
Indoor noise level at cooling	High dB(A)	43
	Med. dB(A)	38
	Low dB(A)	33
Indoor fan type		Cross flow
Indoor fan speed H/M/L		
Cooling	rpm	1350/1250/1050/850/750
Heating	rpm	1350/1250/1050/850/750
Dry	rpm	1350
Sleep	rpm	850
Indoor fan motor		22001-000409210900495H
Indoor fan motor output	W	25
Indoor net dimensions	mm	910×294×206
	Inch	35.82×11.41×8.11
Indoor net weight	kg	10.0
	Lbs.	22
Indoor packing dimensions	mm	979×372×277
	Inch	38.54×14.64×10.9
Indoor gross weight with pipe	kg	13.00
	Lbs.	28.60

REFRIGERANT PIPE DATA		
Refrigerant	oz	R410A/37.4
Compressor		
Type		Rotary
Model		KSN140D33UFZ3
Brand		GMCC
Evaporator		φ7×2
Condenser		φ9.52×1
Connecting Pipe		
Gas	Inch	3/8"
Liquid	Inch	1/4"
Connecting Wiring	Size×Core number	4×0.75mm2
Drainage Pipe		O.D 16mm
Control type		Remote
Suitable area	ft ²	215~376
Pressure		
High(DP)	MPa	4.5
Low(SP)	MPa	1.9

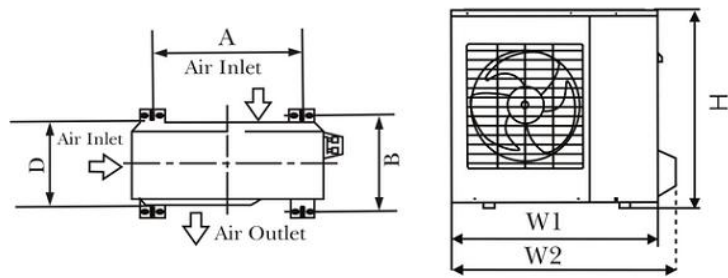
OUTDOOR UNIT DATA		
Outdoor fan type		Propeller
Outdoor fan motor		22001-000551
Outdoor fan speed	rpm	1000
Outdoor fan motor output	W	33
Outdoor noise level	dB(A)	52
Outdoor net dimensions	mm	853×349×602
	(WxDxH)	Inch
Outdoor net weight	kg	29
	Lbs.	63.9
Outdoor packing dimensions	mm	900×405×645
	Inch	35.43×15.94×25.39
Outdoor gross weight with pipe	kg	33
	Lbs.	72.7

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