

SUBMITTAL DATA SHEET

ComfortStar®

CIP12CA-HTJ	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	CIP12CA-HTJ(I)
Outdoor unit model	CIP12CA-HTJ(O)
Certified	
AHRI	
UL	



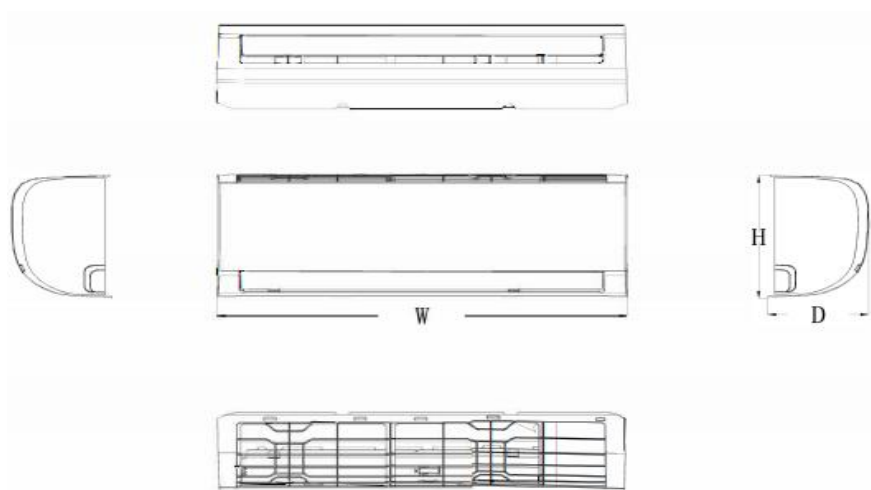
SYSTEM PERFORMANCE DATA			
Power supply	V-Ph-Hz	115V_1Ph, 60HZ	
Rated cooling capacity	Btu/h	12000(3610~12200)	
Rated heating capacity	Btu/h	12000(3680~12800)	
EER	Btu/W.h	8.8	
SEER	Btu/W.h	17.4	
SEER2	Btu/W.h	16.5	
COP	W/W	2.82	
HSPF4	Btu/W.h	8.7	
HSPF5	Btu/W.h	6.8	
Rated input	Cooling(W)	1368(305~1376)	
	Heating(W)	1245(0320~1190)	
Rated current	Cooling(A)	14	
	Heating(A)	10.54(2.75~12.8)	
MINIMUM CIRCUIT AMPACITY(Indoor)	A	3.0	
MINIMUM CIRCUIT AMPACITY(Outdoor)	A	17	
Moisture removal	Liters/h	1.55	

REFRIGERANT PIPE DATA			
Refrigerant	oz	25.8	
Compressor			
Model		KSK103D33UEZ3	
Type		ROTARY	
Brand		GMCC	
Capacity	W	2035/3255	
Input	W	325/826	
Rated current(RLA)	A	12.53	
Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	
Refrigerant piping			
Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	
Max. refrigerant pipe length	m	25	
	ft	82.02	
Max. difference in level	m	10	
	ft	32.81	

INDOOR UNIT DATA			
Indoor air flow	m3/h	600/540/410/300	
	(Turbo/Hi/Mi/Lo)		
	CFM	352.94/317.65/241.18/176.4	
		7	
Indoor noise level (Hi/Mi/Lo)	dB(A)	41/34.5/27.5	
Indoor fan motor			
Model		YKFG-15-4-28-1	
Input	W	46	
RLA	A	0.39	
Capacitor	uF	3	
Speed(Hi/Mi/Lo)	r/min	1180/950/750	
INDOOR UNIT PACKING			
Dimension(W*D*H)	mm	805x194x285	
	inch	31.69x7.64x11.22	
Packing (W*D*H)	mm	780x285x360	
	inch	30.71x11.22x14.17	
Net/Gross weight	kg	7.8/10.6	
	lb	17.20/23.37	

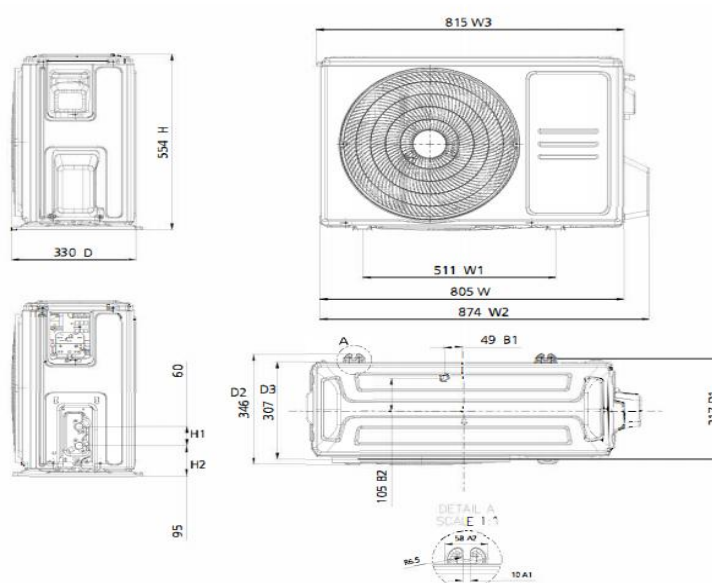
OUTDOOR UNIT DATA			
Outdoor air flow	m3/h	1800	
	CFM	1058.82	
Outdoor noise level	dB(A)	55	
Outdoor fan motor			
Model		ZKFN-20-8-1	
RLA	A	0.7	
Speed	r/min	850/500	
OUTDOOR UNIT PACKING			
Dimension(W*D*H)	mm	720x270x495	
	inch	28.35x10.63x19.49	
Packing (W*D*H)	mm	842x357x550	
	inch	33.15x14.06x21.65	
Net/Gross weight	kg	25/27.9	
	lb	55.11/61.51	

Indoor unit dimension



Capacity	Body Code	W(mm)	D(mm)	H(mm)
5K~11K	A	715	194	285
9K~14K	B	805	194	285
17K~18K	C	957	213	302
18K~24K	D	1040	220	327

Outdoor unit dimension



(The figure is for reference only)

Dimension(inch)	W	D	H
CIP09CA-HTJ(O)	28.35	10.63	19.49
CIP12CA-HTJ(O)	28.35	10.63	19.49
CIP09CD-HTJ(O)	28.35	10.63	19.49
CIP12CD-HTJ(O)	28.35	10.63	19.49
CIP18CD-HTJ(O)	30.12	11.93	21.85
CIP24CD-HTJ(O)	35.04	13.46	26.50