

SUBMITTAL DATA SHEET

ComfortStar®

32HP12CD35

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

Set Model
Unit model 32HP12CD35

AHRI

UL





SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	208_230V_1Ph_60HZ
Cooling(Standard conditions)		
Capacity	Btu/h	12000/11800
Input	W	1040/1020
Current	A	5.3/5.8
EER	Btu/h/W	10.5
Heating(PTC)		
Capacity	Btu/h	10900/8900
Input(Heater)	W	3500/2897
Current	A	15.3/13.7
Heating(Heat pump)		
Capacity	Btu/h	10800/10500
Input	W	890/850
Current	A	5.0/5.3
COP	W/W	3.2
Starting current	A	45.9

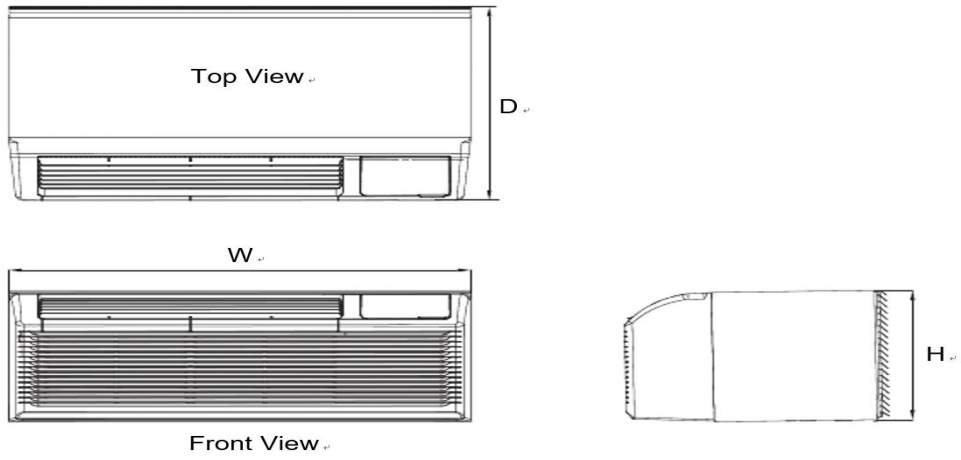
REFRIGERANT PIPE DATA

Compressor		
Model		KSM100N11VEZ
Type		ROTARY
Brand		GMCC
Capacity	W	3590/3620
Input	W	850/875±3%
Rated current	A	4.18/3.85±3%
Locked rotor Amp(LRA)	A	28.5±10%
Thermal protector		UP-A2H/HPA-325H
Refrigerant type R32		
oz(1kg=35.274oz)		26.81
Design pressure	psi	300/580
Connection wiring		12#x3
Plug type		LCDI(6-20P)
Control type		Electronic Control
Operation temp		
indoor(cooling/heating)	°F	63-90/32-80
outdoor(cooling/heating)	°F	64-109/23-75

UNIT DATA

Indoor side fan motor(DC)		
Model		ZKFP-25-8-157L
Speed(hi/mi/lo)	r/min	Cooling:1110/930Heating:1110/1020
Outdoor side fan motor		
Model		YKT-58-4-3L
Input	W	87
Capacitor	uF	3
Speed(hi/mi/lo)	r/min	1580
Indoor side air flow(Hi/Mi/Lo)	m3/h	745/0/585
	CFM	438.24///344.12
Indoor side noise level (Hi/Mi/Lo)	dB(A)	52/0/51.5
Outdoor side noise level(Hi)	dB(A)	67
Dimension(W*D*H)	mm	1067x532x406
	in	42.01x20.94x15.98
Packing (W*D*H)	mm	1130x625x490
	in	44.49x24.61x19.29
Net/Gross weight	kg	50/54
	lb	110.23/119.05

Unit dimension



Model	Dimension(W*D*H)(inch)
32AC07CD35	42.01x20.94x15.98
32AC09CD35	42.01x20.94x15.98
32AC12CD35	42.01x20.94x15.98
32AC15CD35	42.01x20.94x15.98
32HP07CD35	42.01x20.94x15.98
32HP09CD35	42.01x20.94x15.98
32HP12CD35	42.01x20.94x15.98
32HP15CD35	42.01x20.94x15.98