

# SUBMITTAL DATA SHEET

# ComfortStar®

**12K**

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

**Set Model** 32HP12CD35 / 32HP12CD50

**Certified**

AHRI



UL



**Performance data**

Power supply	V-Ph-Hz	208/230V, 1Ph, 60Hz
Capacity	Btu/h	12000/11800
EER	W/W	10.5
Input	W	1040/1020
Current	A	5.3/5.8

**Heating(PTC)**

Capacity	Btu/h	10900/8900
Input(Heater)	W	3500/2897
Current	A	15.3/13.7

**Heating(PTC) optional 5000W**

<b>Capacity</b>	Btu/h	15000/12200
Input(Heater)	W	5000/4100
Current	A	22.3/20.1

**Heating(Heat pump)(Standard conditions)**

**Indoor side fan motor**

Model		ZKFP-25-8-157L
Cooling Speed(hi/lo)		1110/930
Heating Speed(hi/lo)	r/min	1110/1020
Insulation class		B
Waterproofing class		IP20

**Outdoor side fan motor**

Model		YKT-58-4-3L
Input	W	87
Capacitor	uF	3
Speed(hi/mi/lo)	r/min	1580
Capacitor class		S3
Insulation class		B

**Air flow and noise level**

Indoor side air flow(Hi/Mi/Lo)	m3/h	745/0/585
Indoor side noise level (Hi/Mi/Lo)	dB(A)	52/0/51.5

Capacity	Btu/h	10800/10500
Input	W	890/850
Current	A	5.0/5.3
COP	W/W	3.2

#### Electrical

Starting current	A	45.90
Starting current optional 5000W	A	65.0
Plug type		LCDI(6-20P)
Plug type optional 5000W		LCDI(6-30P)

#### 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
Thermal protector position		INTERNAL
Capacitor	uF	35
Refrigerant oil/oil charge	ml	VG68 300±15

#### Unit dimension

Dimension 1 (no sleeve, no rear grille, no rear net)			
Model	W(inch)	D(inch)	H(inch)
32AC07CD25 / 32AC07CD35	42	20.9	15.9
32HP07CD25 / 32HP07CD35	42	20.9	15.9
32AC09CD25 / 32AC09CD35	42	20.9	15.9
32HP09CD25 / 32HP09CD35	42	20.9	15.9
32AC09CD25 / 32AC09CD35	42	20.9	15.9
32HP09CD25 / 32HP09CD35	42	20.9	15.9
32AC09SD35 / 32HP09SD35	42	20.9	15.9
32AC12CD35 / 32AC12CD50	42	20.9	15.9
32HP12CD35 / 32HP12CD50	42	20.9	15.9
32AC12CD35 / 32AC12CD50	42	20.9	15.9
32HP12CD35 / 32HP12CD50	42	20.9	15.9
32AC12SD35 / 32HP12SD35	42	20.9	15.9
32AC15CD35 / 32AC15CD50	42	20.9	15.9
32HP15CD35 / 32HP15CD50	42	20.9	15.9

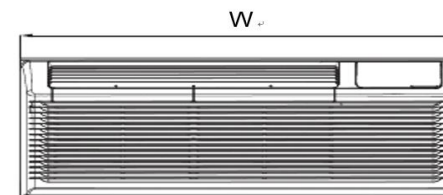
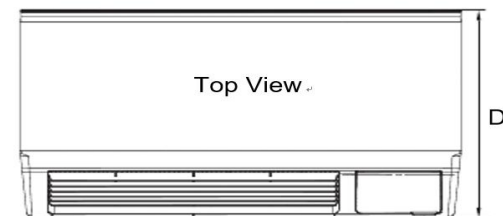
Outdoor side noise level(Hi)	dB(A)	67
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#### System data

Refrigerant type (R32)	Refrigerant type	R32
	kg	0.76
	oz(1kg=35.274oz)	26.81
Design pressure(145psi=1MPa )(L/H)	psi	300/580

#### Dimension and Weight

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



Dimension 1 (include sleeve, rear grille, and rear net)			
Model	W(inch)	D(inch)	H(inch)
32AC07CD25 / 32AC07CD35	42	23.9	16
32HP07CD25 / 32HP07CD35	42	23.9	16
32AC09CD25 / 32AC09CD35	42	23.9	16
32HP09CD25 / 32HP09CD35	42	23.9	16
32AC09CD25 / 32AC09CD35	42	23.9	16
32HP09CD25 / 32HP09CD35	42	23.9	16
32AC09SD35 / 32HP09SD35	42	23.9	16
32AC12CD35 / 32AC12CD50	42	23.9	16
32HP12CD35 / 32HP12CD50	42	23.9	16
32AC12CD35 / 32AC12CD50	42	23.9	16
32HP12CD35 / 32HP12CD50	42	23.9	16
32AC12SD35 / 32HP12SD35	42	23.9	16
32AC15CD35 / 32AC15CD50	42	23.9	16
32HP15CD35 / 32HP15CD50	42	23.9	16