

SUBMITTAL DATA SHEET

ComfortStar®

12K

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Model 32AC09SD35 / 32HP09SD35

Certified

AHRI



UL



Performance data

Power supply	V-Ph-Hz	265V, 1Ph, 60HZ
Capacity	Btu/h	9000
EER	W/W	11.3
Input	W	770
Current	A	3.9

Heating(PTC)

Capacity	Btu/h	10900
Input(Heater)	W	3500
Current	A	13.2

Heating(Heat pump) (Standard conditions) optional

Capacity	Btu/h	10800
Input	W	970
Current	A	5.1
COP	W/W	3.2

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-58-4-2
Input	W	88
Capacitor	uF	2
Speed(hi/mi/lo)	r/min	1590
Capacitor class		S3
Insulation class		B

Air flow and noise level

Indoor side air flow(Hi/Mi/Lo)	m3/h	738/0/599
Indoor side noise level (Hi/Mi/Lo)	dB(A)	51/0/50.5

Electrical

Starting current	A	39.6
Plug type		7-20P

Compressor

Model		KSM103U11UFZ
Type		ROTARY
Brand		GMCC
Capacity	W	3040
Input	W	1125
Rated current	A	4.30
Locked rotor Amp(LRA)	A	21 ±10%
Thermal protector		UP3-B1H/HPA-222H
Thermal protector position		INTERNAL
Capacitor	uF	25
Refrigerant oil/oil charge	ml	VG68 ·300 ml±15ml

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

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

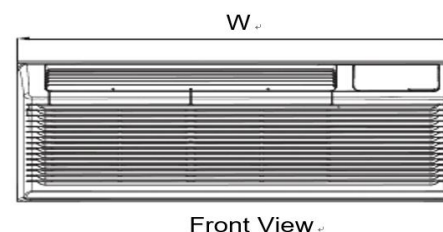
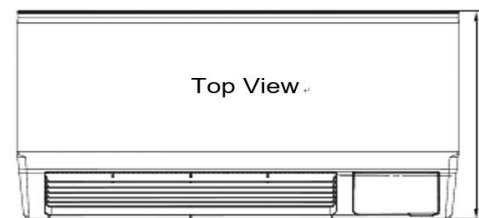
Outdoor side noise level(Hi)	dB(A)	66
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System data

Refrigerant type (R32)	Refrigerant type	R32
	kg	0.78
	oz(1kg=35.274oz)	27.51
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	48/52
	lb	105.82/114.64



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