

SUBMITTAL DATA SHEET

ComfortStar®

CT32-18CD-V

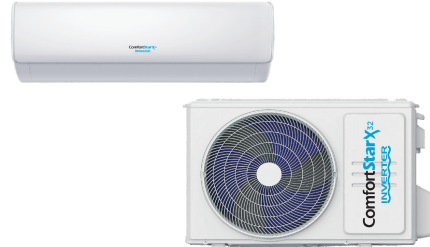
Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

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

Set Model
 Indoor unit model CT32-18CD(I)-V
 Outdoor unit model CT32-18CD(O)-V

Certified

AHRI



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	220_230V_1Ph,60HZ
Cooling		
Capacity	Btu/h	18083
Input	W	1714
Current	A	7.8
SEER2	Btu/h/W	20
EER	W/W	3.00
Rated Power Input	W	2500
Rated Current	A	13.5

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-35-10-188L
Input	W	55
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1150/850/750
Indoor air flow (Hi/Mi/Lo)	CFM	500/383/324
Indoor noise level (Hi/Mi/Lo)	dB(A)	43.5/40.5/33
Indoor unit		
Dimension(W*D*H)	mm	975x218x308
	inches	38.39x8.58x12.13
Packing (W*D*H)	mm	1065x300x380
	inches	41.93X11.81X14.96
Net/Gross weight	kg	10.1/14.0
	lbs	22.27/30.86

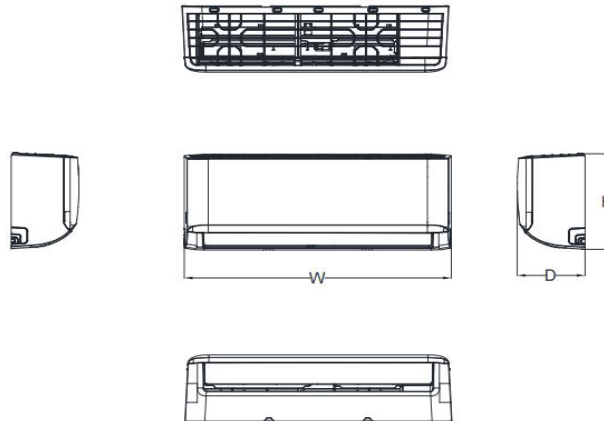
REFRIGERANT PIPE DATA

Compressor		
Model		KSK103D32UEZ31
Type		ROTARY
Brand		GMCC
Capacity	W	2020/3245 ±3%
Input	W	332/850 ±3%
Rated current(RLA)	A	2.42/5.70 ±3%
Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10
Refrigerant type	kg	R32/0.67
	oz	R32/23.63
Design pressure	MPa	4.3/1.7
Refrigerant piping		
Liquid side/ Gas side	mm(inch)	6.35(1/4) / 12.7(1/2)
Max. refrigerant pipe length	m	30
	ft	98
Max. difference in level	m	20
	ft	66
Operation temperature	°F	63~86
Indoor temperature	°F	61~90
Outdoor temperature	°F	32~122

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-25-10-5L
Speed	r/min	810/450
Outdoor air flow	CFM	1236
Outdoor noise level	dB(A)	55.5
Outdoor unit		
Dimension(W*D*H)	mm	765x303x555
	inches	30.12x11.93x21.85
Packing (W*D*H)	mm	885x375x605
	inches	34.84x14.76x23.82
Net/Gross weight	kg	22.4/26.4
	lbs	49.38/58.20

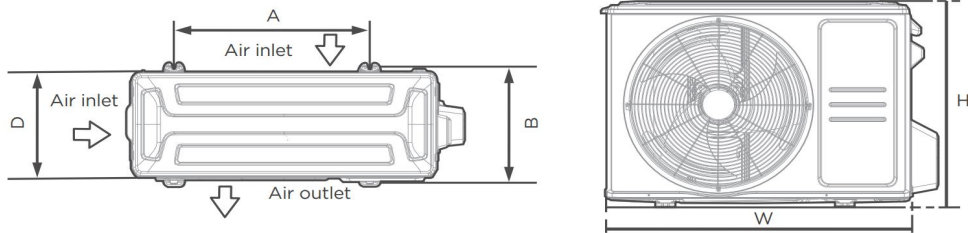
Indoor unit dimension



(The figure is for reference only)

Dimension (inch)	W	D	H
CT32-12CA (I)-V	32.01	7.91	11.38
CT32-12CD(I)-V	32.01	7.91	11.38
CT32-18CD(I)-V	38.39	8.58	12.13
CT32-24CD(I)-V	41.54	9.09	12.99

Outdoor unit dimension



(The figure is for reference only)

Dimension (inch)	W	D	H
CT32-12CA (O)-V	26.30	9.92	18.46
CT32-12CD(O)-V	26.30	9.92	18.46
CT32-18CD(O)-V	30.12	11.93	21.85
CT32-24CD(O)-V	31.69	12.99	21.81