

SUBMITTAL DATA SHEET

ComfortStar®

CES12CD

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

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

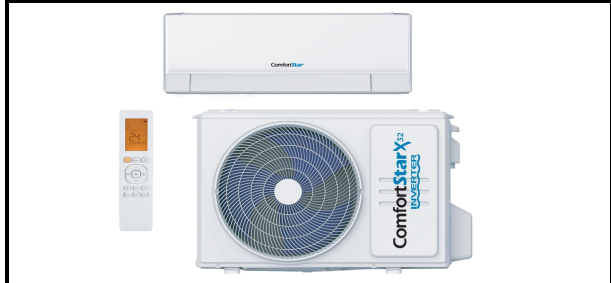
Set Model

Indoor unit model
 Outdoor unit model

CES12CD(I)
CES12CD(O)

Certified

AHRI
 ETL
 RTCA



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	208-230V_1Ph,60HZ
Cooling		
Capacity	Btu/h	12500
Input	W	950
Current	A	4.1
SEER2	Btu/W.h	25
EER	W/W	3.70
Rated Power Input	W	2070
Rated Current	A	9

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-30-8-357L
Input	W	/
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1150/950/870
Indoor air flow (Hi/Mi/Lo)	CFM	335/230/177
Indoor noise level (Hi/Mi/Lo)	dB(A)	35.5/30.5/28.5
Indoor unit		
Dimension(W*D*H)	mm	795x225x295
	inches	31.3x8.86x11.61
Packing (W*D*H)	mm	920x370x305
	inches	36.22x14.57x12.01
Net/Gross weight	kg	10.0/12.8
	lbs	22.05/28.22

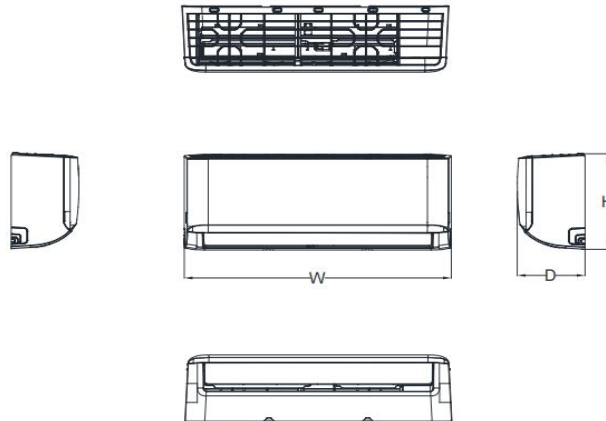
REFRIGERANT PIPE DATA

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	R32/0.5
	oz	R32/17.64
Design pressure	MPa	///
Refrigerant piping		
Liquid side/ Gas side	inch	(1/4) / (1/2)
Max. refrigerant pipe length	m	25
	ft	82
Max. difference in level	m	10
	ft	33
Operation temperature	°F	63~86
Indoor temperature	°F	61~90
Outdoor temperature	°F	5-122

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-34-10-1L-1
Speed	r/min	780/700/600
Outdoor air flow	CFM	1236
Outdoor noise level	dB(A)	53
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	21.7/24.2
	lbs	47.84/53.35

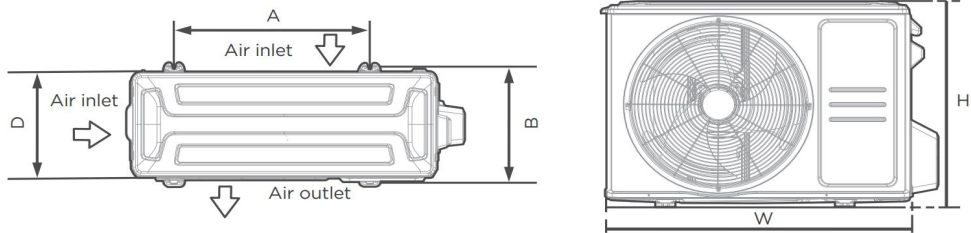
Indoor unit dimension



(The figure is for reference only)

Dimension (inch)	W	D	H
CES12CD(I)	31.3	8.86	11.61
CES18CD(I)	44.88	10.83	14.57
CES24CD(I)	44.88	10.83	14.57

Outdoor unit dimension



(The figure is for reference only)

Dimension (inch)	W	D	H
CES12CD(O)	30.12	11.93	21.85
CES18CD(O)	35.04	13.46	26.50
CES24CD(O)	35.04	13.46	26.50