

SUBMITTAL DATA SHEET

ComfortStar®

CES24CD

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

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

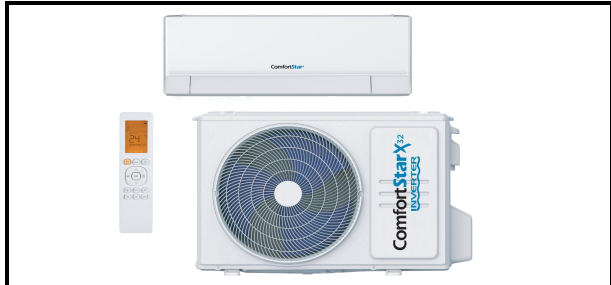
Set Model

Indoor unit model
 Outdoor unit model

CES24CD(I)
CES24CD(O)

Certified

AHRI
 ETL
 RTCA



SYSTEM PERFORMANCE DATA

Power supply	V-Ph-Hz	208-230V_1Ph,60HZ
Cooling		
Capacity	Btu/h	23000
Input	W	1600
Current	A	7
SEER2	Btu/W.h	25
EER	W/W	4.21
Rated Power Input	W	3900
Rated Current	A	17.5

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-58-8-20L
Input	W	/
Capacitor	uF	/
Speed(Hi/Mi/Lo)	r/min	1000/852/778
Indoor air flow (Hi/Mi/Lo)	CFM	600/400/300
Indoor noise level (Hi/Mi/Lo)	dB(A)	44/39/27.5
Indoor unit		
Dimension(W*D*H)	mm	1140x275x370
	inches	44.88x10.83x14.57
Packing (W*D*H)	mm	1280x455x355
	inches	50.39x17.91x13.98
Net/Gross weight	kg	19/23.9
	lbs	41.89/52.69

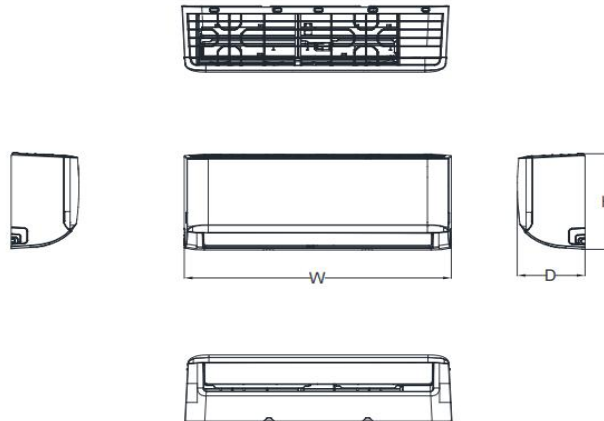
REFRIGERANT PIPE DATA

Compressor		
Model		KTM180D68UMT
Type		ROTARY
Brand		GMCC
Capacity	W	5575
Input	W	1485
Rated current(RLA)	A	6.8
Refrigerant oil/oil charge	ml	ESTER OIL VG74 620
Refrigerant type	kg	R32/1.2
	oz	R32/42.33
Design pressure	MPa	///
Refrigerant piping		
Liquid side/ Gas side	inch	(3/8) / (5/8)
Max. refrigerant pipe length	m	50
	ft	164
Max. difference in level	m	25
	ft	82
Operation temperature	°F	63~86
Indoor temperature	°F	61~90
Outdoor temperature	°F	5-122

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-80-10-1L-1
Speed	r/min	830/550
Outdoor air flow	CFM	2119
Outdoor noise level	dB(A)	58.5
Outdoor unit		
Dimension(W*D*H)	mm	890x342x673
	inches	35.04x13.46x26.5
Packing (W*D*H)	mm	1030x438x750
	inches	40.55x17.24x29.53
Net/Gross weight	kg	40.9/44
	lbs	90.17/97

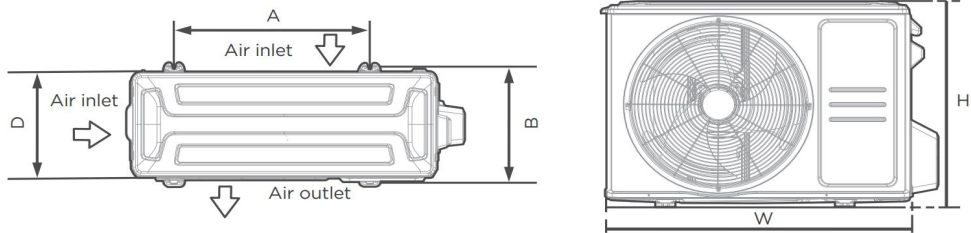
Indoor unit dimension



(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