

SUBMITTAL DATA SHEET

ComfortStar®

CH20-18CD-32

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Model
 Indoor unit model CH20-18CD-32(I)
 Outdoor unit model CH20-18CD-32(O)

Certified


 AHRI


AHRI CERTIFIED


 ETL


Intertek


SYSTEM PERFORMANCE DATA

Power supply		208/230V~/60Hz/1P
Rated cooling capacity	Btu/h	18000
Rated current	Cooling(A)	7.9
Rated input	Cooling(W)	1820
EER2 for cooling	Btu/W.h	9.5
SEER2 for cooling	Btu/W.h	20
Rated Heating capacity	Btu/h	18000
Rated current	Heating(A)	7.2
Rated input	Heating(W)	1650
HSPF2 Rating(Region IV)	Btu/W.h	10
HSPF2 Rating(Region V)	Btu/W.h	8.5
COP2 (47°F/8.3°C)	W/W	3.2
Max. Heating capacity(5°F/-15°C)	W/W	12000
COP2 (5°F/-15°C)	W/W	1.8
Max. Fuse size	A	20
Min. Circuit Ampacity	A	13

INDOOR UNIT DATA

Indoor air circulation-	m3/h	890/770/620/490/440
Turbo/Hi/Mid/Lo/Mute	CFM	524/453/365/288/259
Indoor noise level at cooling	dB(A)	49/46/40/34/32
Dimensions	mm	910×206×294
	Inches	35.83×8.11×11.57
Net weight	kg	9.7
	Lbs.	21.4
Packing dimensions	mm	979×277×372
	Inches	38.54×10.91×14.65
Gross weight	kg	12.5
	Lbs.	27.6

REFRIGERANT PIPE DATA

Refrigerant (R32)	g	1070
	oz	37.74
Additional refrigerant charge	g/m	10
	oz/ft	0.11
Connecting Pipe	Gas(inch)	3/8"
	Liquid(inch)	1/4"
Max.refrigerant pipe length	m/ft	20 / 65
Max.difference in level	m/ft	15 / 49
Suitable area	sq.ft	Up to 380

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	55
Dimensions	mm	852×349×602
	Inches	33.54×13.74×23.7
Net weight	kg	30.3
	Lbs.	66.8
Packing dimensions	mm	900×405×645
	Inches	35.43×15.94×25.39
Gross weight	kg	35.3
	Lbs.	77.8

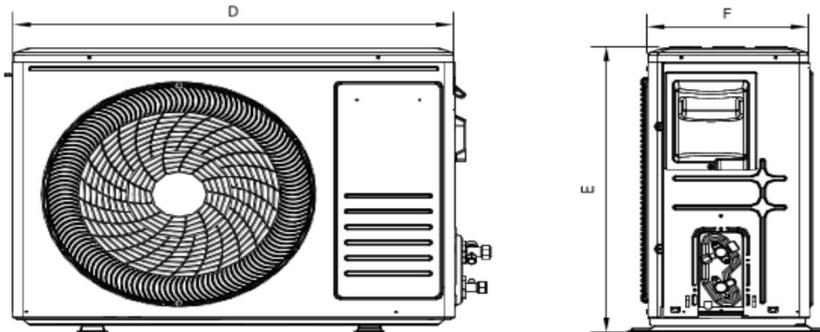
Indoor unit dimension



(The figure is for reference only)

Model	A (inch)	B (inch)	C (inch)
CH20-09CA-32(I)	31.93	7.99	11.50
CH20-12CA-32(I)	31.93	7.80	11.50
CH20-09CD-32(I)	31.93	7.99	11.50
CH20-12CD-32(I)	31.93	7.80	11.50
CH20-18CD-32(I)	35.83	8.11	11.57
CH20-24CD-32(I)	39.76	8.66	12.40
CH20-36CD-32(I)	46.89	10.16	14.17

Outdoor unit dimension



(The figure is for reference only)

Model	D (inch)	E (inch)	F (inch)
CH20-09CA-32(O)	30.98	19.61	11.42
CH20-12CA-32(O)	31.50	21.69	12.01
CH20-09CD-32(O)	30.98	19.61	11.42
CH20-12CD-32(O)	31.50	21.69	12.01
CH20-18CD-32(O)	33.54	23.70	13.74
CH20-24CD-32(O)	36.10	27.56	14.76
CH20-36CD-32(O)	38.50	31.61	16.57