

SUBMITTAL DATA SHEET

ComfortStar®

CH20-09CD-32

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Model
 Indoor unit model CH20-09CD-32(I)
 Outdoor unit model CH20-09CD-32(O)

Certified


 AHRI


 AHRI CERTIFIED


 ETL


 Intertek


SYSTEM PERFORMANCE DATA

Power supply		208/230V~/60Hz/1P
Rated cooling capacity	Btu/h	9000
Rated current	Cooling(A)	4.5
Rated input	Cooling(W)	720
EER2 for cooling	Btu/W.h	12.5
SEER2 for cooling	Btu/W.h	21
Rated Heating capacity	Btu/h	10000
Rated current	Heating(A)	3.7
Rated input	Heating(W)	870
HSPF2 Rating(Region IV)	Btu/W.h	9.5
HSPF2 Rating(Region V)	Btu/W.h	8.1
COP2 (47°F/8.3°C)	W/W	3.6
Max. Heating capacity(5°F/-15°C)	W/W	8000
COP2 (5°F/-15°C)	W/W	1.8
Max. Fuse size	A	15
Min. Circuit Ampacity	A	10

INDOOR UNIT DATA

Indoor air circulation-	m3/h	570/530/480/450/410
Turbo/Hi/Mid/Lo/Mute	CFM	335/312/282/265/241
Indoor noise level at cooling	dB(A)	42/39/34/30/28
Dimensions	mm	811×203×292
	Inches	31.93×7.99×11.5
Net weight	kg	8.5
	Lbs.	18.7
Packing dimensions	mm	885×275×366
	Inches	34.84×10.83×14.41
Gross weight	kg	11.0
	Lbs.	24.3

REFRIGERANT PIPE DATA

Refrigerant (R32)	g	600
	oz	21.16
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	15 / 50
Max.difference in level	m/ft	10 / 33
Suitable area	sq.ft	Up to200

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	53
Dimensions	mm	787×290×498
	Inches	30.98×11.42×19.61
Net weight	kg	23.0
	Lbs.	50.7
Packing dimensions	mm	838×338×540
	Inches	32.99×13.31×21.26
Gross weight	kg	27.5
	Lbs.	60.6

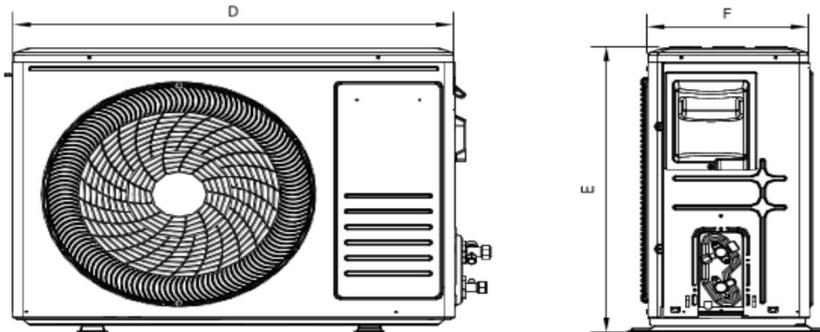
Indoor unit dimension



(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