

SUBMITTAL DATA SHEET

ComfortStar®

CH20-24CD-32

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Model
 Indoor unit model CH20-24CD-32(I)
 Outdoor unit model CH20-24CD-32(O)

Certified

AHRI



ETL




SYSTEM PERFORMANCE DATA

Power supply		208/230V~/60Hz/1P
Rated cooling capacity	Btu/h	24000
Rated current	Cooling(A)	9.8
Rated input	Cooling(W)	2250
EER2 for cooling	Btu/W.h	10.5
SEER2 for cooling	Btu/W.h	20
Rated Heating capacity	Btu/h	24000
Rated current	Heating(A)	10.7
Rated input	Heating(W)	2450
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	2.8
Max. Heating capacity(5°F/-15°C)	W/W	16000
COP2 (5°F/-15°C)	W/W	1.8
Max. Fuse size	A	30
Min. Circuit Ampacity	A	20

REFRIGERANT PIPE DATA

Refrigerant (R32)	g	1200
	oz	42.33
Additional refrigerant charge	g/m	10
	oz/ft	0.11
Connecting Pipe	Gas(inch)	1/2"
	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 480

INDOOR UNIT DATA

Indoor air circulation-	m3/h	1100/980/880/720/650
Turbo/Hi/Mid/Lo/Mute	CFM	647/575/517/423/382
Indoor noise level at cooling	dB(A)	51/49/43/37/34
Dimensions	mm	1010×220×315
	Inches	39.76×8.66×12.4
Net weight	kg	12.0
	Lbs.	26.5
Packing dimensions	mm	1096×297×390
	Inches	43.15×11.69×15.35
Gross weight	kg	15.3
	Lbs.	33.7

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	60
Dimensions	mm	917×375×700
	Inches	36.1×14.76×27.56
Net weight	kg	40.0
	Lbs.	88.2
Packing dimensions	mm	960×430×732
	Inches	37.8×16.93×28.82
Gross weight	kg	46.0
	Lbs.	101.4

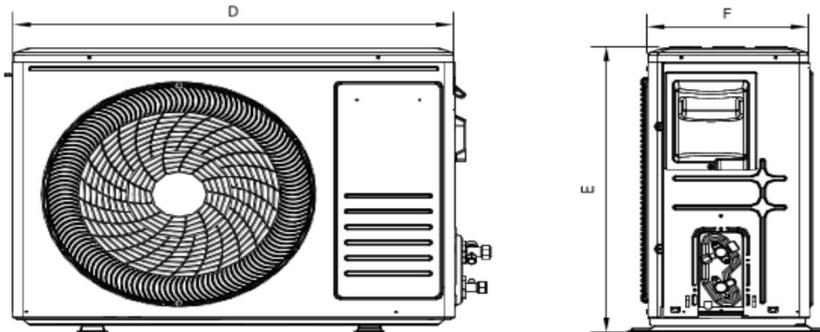
Indoor unit dimension



(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