

SUBMITTAL DATA SHEET

ComfortStar®

CH32-12CD

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

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

Set Model

Indoor unit model CH32-12CD(I) (21M)
 Outdoor unit model CH32-12CD(O) (21N)

Certified

AHRI



ETL



SYSTEM PERFORMANCE DATA

Power supply		208/230V~/60Hz/1P
Rated cooling capacity	Btu/h	11500
Rated current	Cooling(A)	5.1
Rated input	Cooling(W)	1170
EER2 for cooling	Btu/W.h	9.5
SEER2 for cooling	Btu/W.h	17
Rated Heating capacity	Btu/h	12000
Rated current	Heating(A)	4.8
Rated input	Heating(W)	1100
HSPF2 Rating(Region IV)	Btu/W.h	8.3
HSPF2 Rating(Region V)	Btu/W.h	7.1
COP2 (47F/8.3C)	W/W	3.2
Max. Heating capacity	W/W	8700
COP2 (5°F/-15°C)v	W/W	1.8
Max. Current (T1)	A	8
Current Range	A	2~8

INDOOR UNIT DATA

Indoor air circulation-	m3/h	500/450/400/350/270
Turbo/Hi/Mid/Lo/Mute	CFM	294/265/235/206/159
Indoor noise level at cooling	dB(A)	45/42/39/35/33
Dimensions (WxDxH)	mm	777×250×201
	Inches	30.59x9.84x7.91
Net weight	kg	7.5
	Lbs.	16.5
Packing dimensions	mm	840×315×260
	Inches	33.07x12.40x10.23
Gross weight	kg	9.5
	Lbs.	20.9

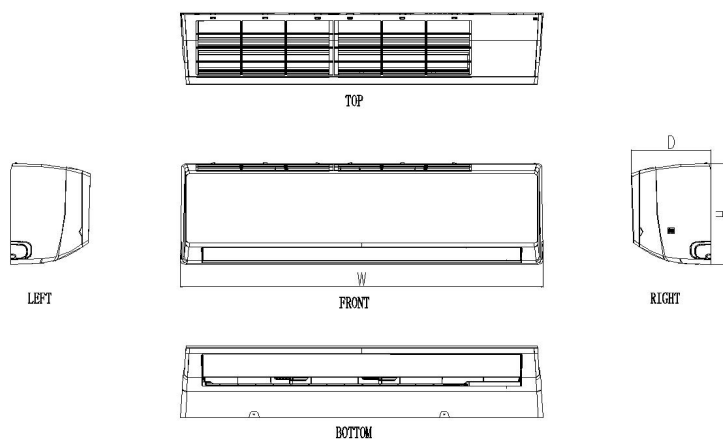
REFRIGERANT PIPE DATA

Refrigerant	g	R32/500
	oz	R32/17.60
Moisture removal	Liters/h	1.3
	Pint/h	2.75
Connecting Pipe	Gas(inches)	3/8"
	Liquid(inches)	1/4"
Connecting Wiring	Size x Core number	4×16AWG
Suitable area	m2	51
	sq.ft	550

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	55
Dimensions (WxDxH)	mm	787×290×498
	Inches	30.98x11.41x19.60
Net weight	kg	20.5
	Lbs.	45.2
Packing dimensions	mm	838×338×540
with pipe	Inches	32.99x13.30x21.25
Gross weight with pipe	kg	23.5
	Lbs.	51.8

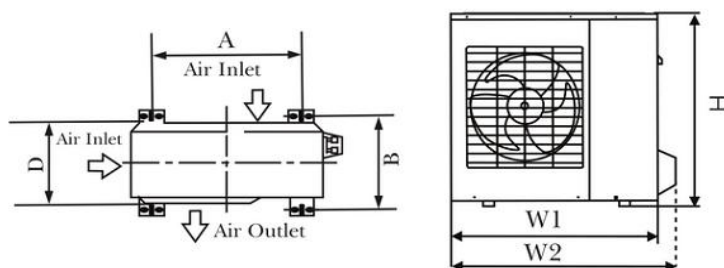
Indoor unit dimension



(The figure is for reference only)

Dimensions(inch)	W	H	D
CH32-12CA(I)	30.59	9.84	7.91
CH32-12CD(I)	30.59	9.84	7.91
CH32-18CD(I)	35.82	11.57	8.11
CH32-24CD(I)	39.76	12.4	8.66
CH32-36CD(I)	46.93	14.17	10.23

Outdoor unit dimension



(The figure is for reference only)

Dimensions (inch)	W	H	D
CH32-12CA(O)	30.98	19.60	11.41
CH32-12CD(O)	30.98	19.60	11.41
CH32-18CD(O)	31.88	21.61	12.00
CH32-24CD(O)	33.97	23.70	13.74
CH32-36CD(O)	38.50	31.61	16.57