

SUBMITTAL DATA SHEET

ComfortStar®

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

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

Set Model

Indoor unit model
 Outdoor unit model

TPA32-24CD(I)(45U)
 CH20-24CD-32(O)(42D)

Certified

AHRI



ETL



SYSTEM PERFORMANCE DATA

Power supply	208/230V~/60Hz/1P
Rated cooling capacity	Btu/h 24000
Rated current	Cooling(A) 9.4
Rated input	Cooling(W) 2250
EER2 for cooling	Btu/W.h 11
SEER2 for cooling	Btu/W.h 18
Rated Heating capacity	Btu/h 24000
Rated current	Heating(A) 8.8
Rated input	Heating(W) 1990
HSPF2 Rating(Region IV)	Btu/W.h 9.5
HSPF2 Rating(Region V)	Btu/W.h 8.5
COP (47°F/8.3°C)	W/W 10.24
Indoor Minim. Circuit Ampacity	A 0.75
Indoor Max. Fuse	A 15
Outdoor Minim. Circuit Ampacity	20
Outdoor Max. Fuse	30

REFRIGERANT PIPE DATA

Refrigerant (R32)	oz	R32/42.33
Additional refrigerant charge	oz/ft	0.11
Connecting Pipe	Gas(inch)	1/2"
	Liquid(inch)	1/4"
Max.refrigerant pipe length	m/ft	65.0
Max.difference in level	m/ft	49

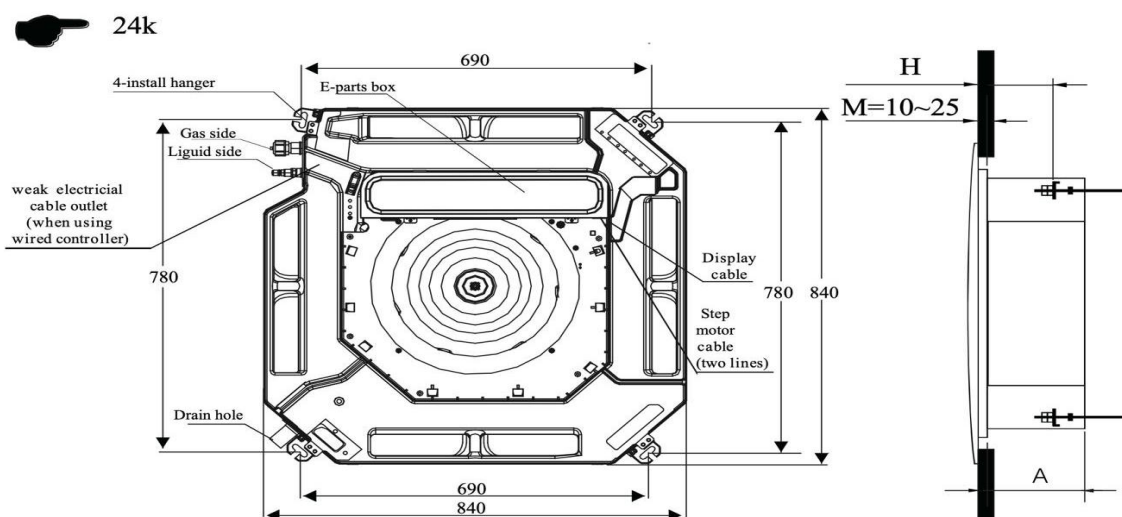
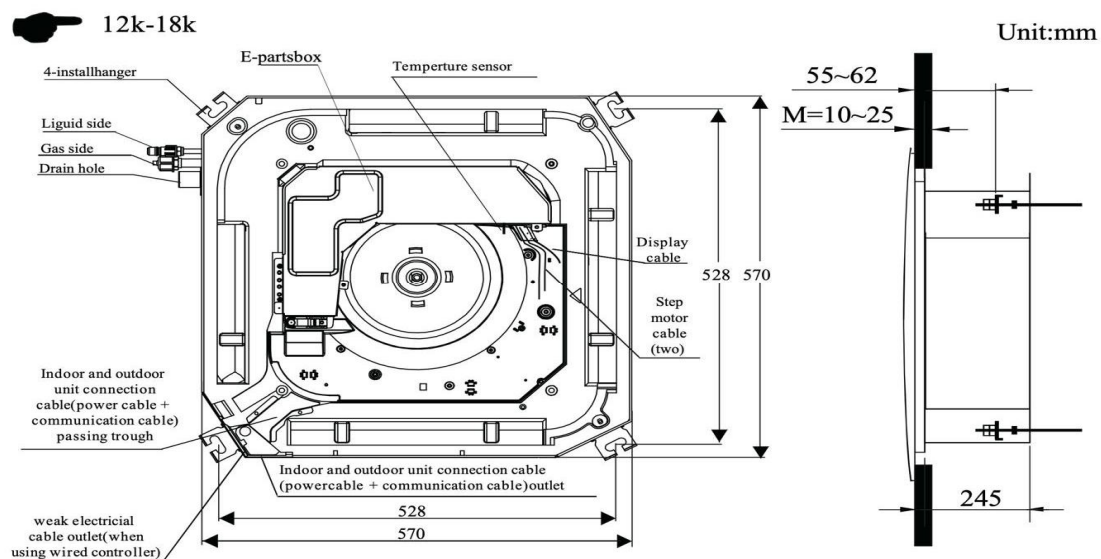
INDOOR UNIT DATA

Indoor Air Flow (Turbo/Hi/M/Lo/S)	CFM	836/765/630/530/482
Indoor noise level at cooling	dB(A)	51/48/44/40/37
Dimensions	mm	840x840x245
	Inches	33.07x33.07x9.65
Net weight	kg	23.5
	Lbs.	51.81
Packing dimensions	mm	920x920x270
	Inches	36.81x36.81x11.42
Gross weight	kg	27.0
	Lbs.	59.50
Panel	Inches	37.4x37.4x2.87
Panel Package Dimension	Inches	41.54x41.54x3.54

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	60
Dimensions	mm	917x375x700
	Inches	36.1x14.76x27.56
Net weight	kg	40.0
	Lbs.	88.2
Packing dimensions	mm	960x430x732
	Inches	37.8x16.93x28.82
Gross weight	kg	46.0
	Lbs.	101.41

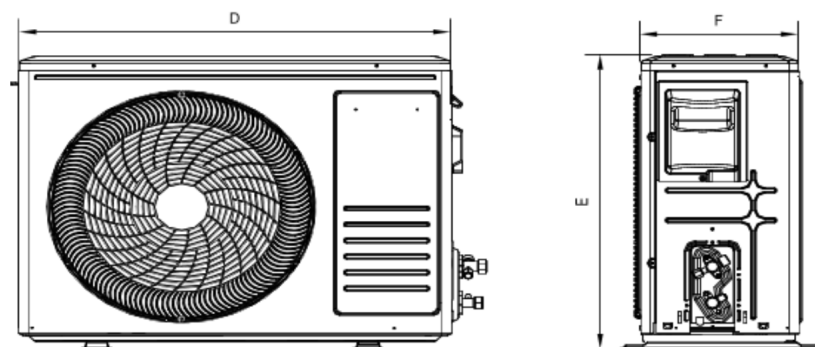
Indoor unit dimension



Unit:mm(in.)

Model	A	H
09K(CASSETTE)(9k)		
12K(CASSETTE)(12K)	245 (9.7)	130-135 (5.1-5.3)
18K(CASSETTE)(18k)		
24K(CASSETTE)(24k)	245 (9.7)	130-135 (5.1-5.3)

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