

SUBMITTAL DATA SHEET

ComfortStar®

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

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

Set Model

Indoor unit model
 Outdoor unit model

TPA32-12CD(I)(45S)
 CH20-12CD-32(O)(429)

Certified

AHRI



ETL



SYSTEM PERFORMANCE DATA

Power supply	208/230V~/60Hz/1P
Rated cooling capacity	Btu/h 12000
Rated current	Cooling(A) 5.3
Rated input	Cooling(W) 1200
EER2 for cooling	Btu/W.h 10.5
SEER2 for cooling	Btu/W.h 21
Rated Heating capacity	Btu/h 12000
Rated current	Heating(A) 4.5
Rated input	Heating(W) 1100
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 11.94
Indoor Minim. Circuit Ampacity	A 0.75
Indoor Max. Fuse	A 15
Outdoor Minim. Circuit Ampacity	11
Outdoor Max. Fuse	15

REFRIGERANT PIPE DATA

Refrigerant (R32)	oz	R32/20.46
Additional refrigerant charge	oz/ft	0.11
Connecting Pipe	Gas(inch)	3/8"
	Liquid(inch)	1/4"
Max.refrigerant pipe length	m/ft	50.0
Max.difference in level	m/ft	33

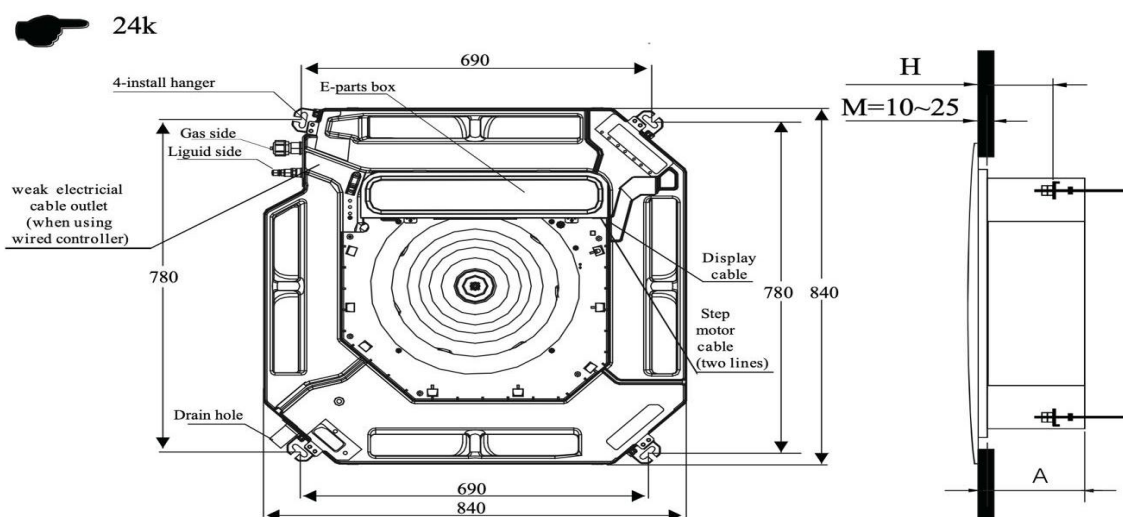
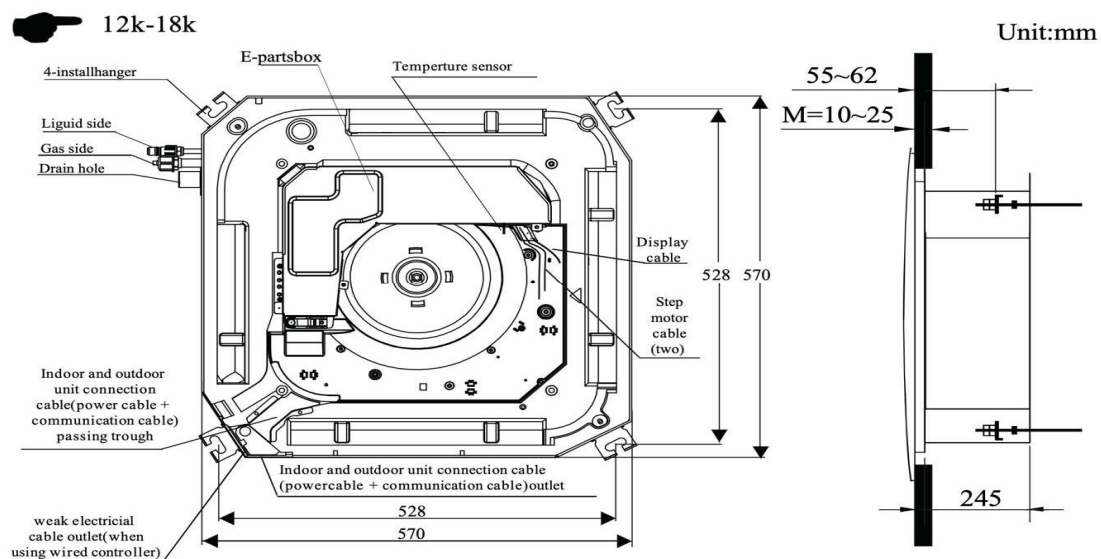
INDOOR UNIT DATA

Indoor Air Flow (Turbo/Hi/M/Lo/S)	CFM	360/320/260/200/190
Indoor noise level at cooling	dB(A)	45/43/39/35/32
Dimensions	mm	570x570x245
	Inches	22.44x22.44x9.65
Net weight	kg	14.5
	Lbs.	31.90
Packing dimensions	mm	718x657x301
	Inches	28.27x25.87x11.85
Gross weight	kg	17.5
	Lbs.	38.60
Panel	Inches	25.59x25.59x2.36
Panel Package Dimension	Inches	28.94x28.94x4.33

OUTDOOR UNIT DATA

Outdoor noise level	dB(A)	55
Dimensions	mm	800x305x551
	Inches	31.5x12.01x21.69
Net weight	kg	23.5
	Lbs.	51.8
Packing dimensions	mm	852x358x600
	Inches	33.54x14.09x23.62
Gross weight	kg	28.0
	Lbs.	61.73

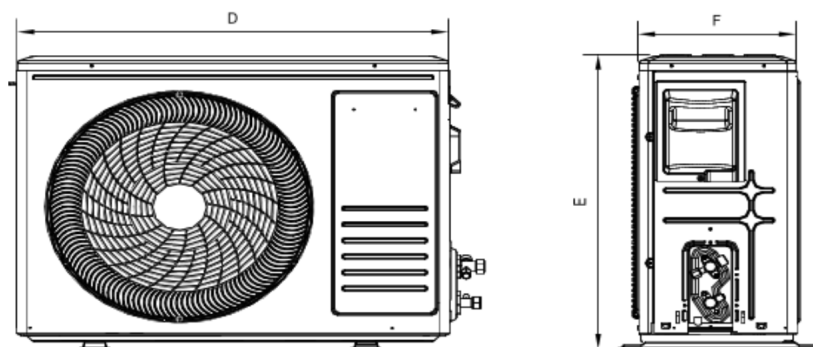
Indoor unit dimension



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