

SUBMITTAL DATA SHEET

ComfortStar®

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

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

Set Model

Indoor unit model
 Outdoor unit model

FPA32-24CD(I)(45Q)
 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)	9.1
Rated input	Cooling(W)	2040
EER2 for cooling	Btu/W.h	11
SEER2 for cooling	Btu/W.h	20
Rated Heating capacity	Btu/h	24000
Rated current	Heating(A)	9.8
Rated input	Heating(W)	2195
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

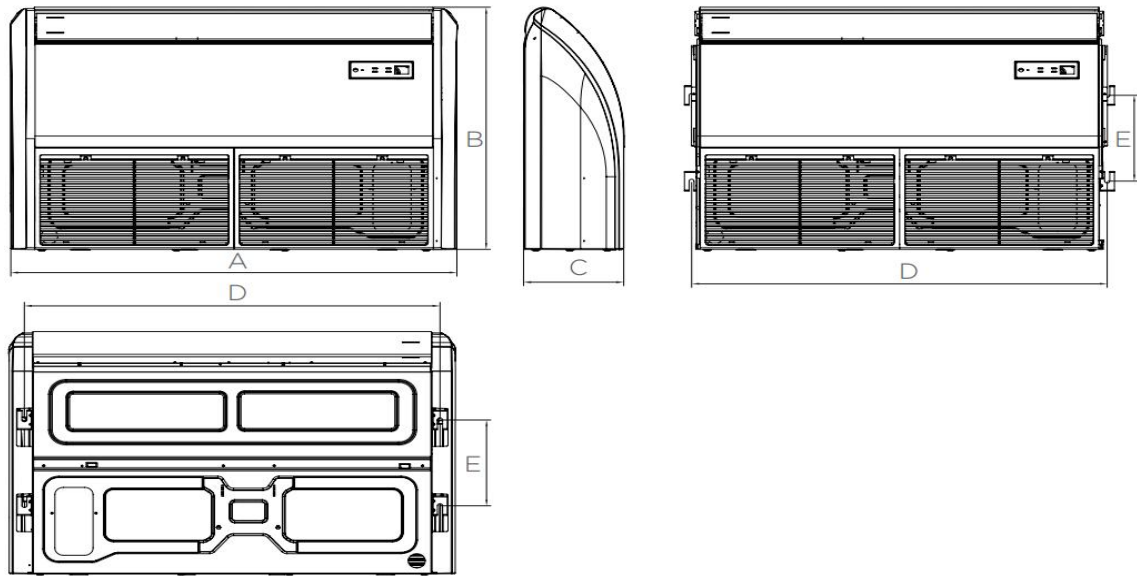
INDOOR UNIT DATA

Indoor Air Flow	m3/h	1100/1000/880/800/700
(Turbo/Hi/M/Lo/S)	CFM	647/588/517/470/412
Indoor noise level at cooling	dB(A)	53/52/48/44/40
Dimensions	mm	1055×675×235
	Inches	41.54×26.57×9.25
Net weight	kg	25.0
	Lbs.	55.10
Packing dimensions	mm	1135×765×280
	Inches	44.68×30.12×11.02
Gross weight	kg	32.0
	Lbs.	70.50

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.	101.41

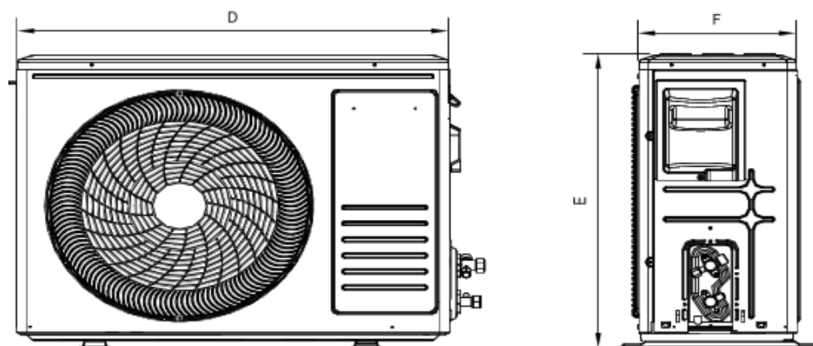
Indoor unit dimension



Unit: in.

Dimension Capacity	A	B	C	D	E
18K/24K	41-1/2	26-5/8	9-1/4	38-5/8	9-1/2

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