



ComfortStar® SUBMITTAL DATA SHEET

60000Btu/h	A-Coil
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AC32-4860D-15(42U)
Outdoor unit model	BAR10-60-15(40M)
Certified AHRI ETL	 



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Volt	(V, Ph, Hz)	220-230V, 1Ph,	60Hz
Voltage Range	(V)		187-253
Electrical			
Minimum circuit ampacil	(A)		33.0
Max.fuse	(A)		50.0
Cooling			
Rated Capacity	(Btu/h)		54000
Capacity Range	(Btu/h)		/
Power Input	(W)		4600
Rated current	(A)		20.90
EER2	(Btu/W)		11.7
SEER2	(Btu/W)		13.8

Heating at 47F			
Rated Capacity	(Btu/h)		/
Capacity Range	(Btu/h)		/
Power Input	(W)		/
Rated current	(A)		/
HSPF4	(Btu/W)		/
HSPF5	(Btu/W)		/
COP	W/W		/

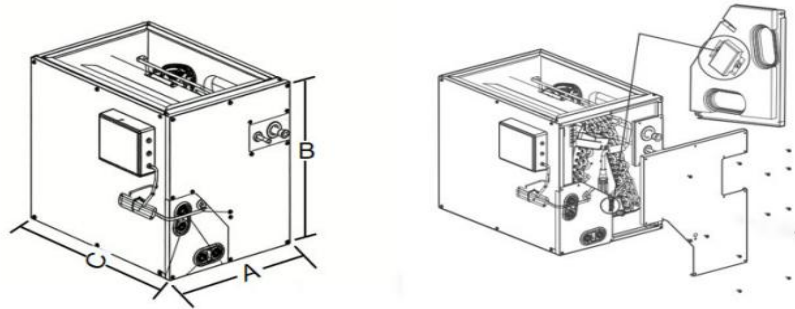
Heating at 5F			
Capacity	(Btu/h)		/
COP	W/W		/

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)		609/174
Refrigerant Type			R32
Refrigerant charge	(oz)		91.7
Additional charge	(oz/ft)		0.5
	(g/m)		48.0
Liquid side/ Gas side	(inch)	3/8" / 3/4"	
	(mm)	Φ9.52 / Φ19	
Max. pipe length	(ft)		75.0
	(m)		246.0
Max. difference in level	(ft)		94.8
	(m)		30.0
Connection method	Indoor		Braze
	Outdoor		Flared to braze
Indoor(cooling)	(Deg. °F)		60~90
Indoor(heating)	(Deg. °F)		/
Outdoor(cooling)	(Deg. °F)		23~125
Outdoor(heating)	(Deg. °F)		/

INDOOR UNIT DATA			
Throttle			TXV for Cooling
Indoor fan motor			
Type			---
Model			---
Qty			---
Input	(W)		---
RLA	(A)		---
LRA	(A)		---
Capacitor	(uF)		---
Speed(Hi/Mi/Lo)	(r/min)		---
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo)	(CFM)		---
Indoor noise level (Hi/Med/Lo)	[dB(A)]		---
Dehumidification	(Pint/H)		---
Indoor unit			
Dimension (WxDxH)	(inch)	24-16/32*21-2/64*27-13/16	
	(mm)	622*534*706	
Packing(WxDxH)	(inch)	28-9/32*27-23/64*30-11/32	
	(mm)	715*695*765	
Net/Gross weight	(lbs.)		97/115
	(kg)		43.9/52.2

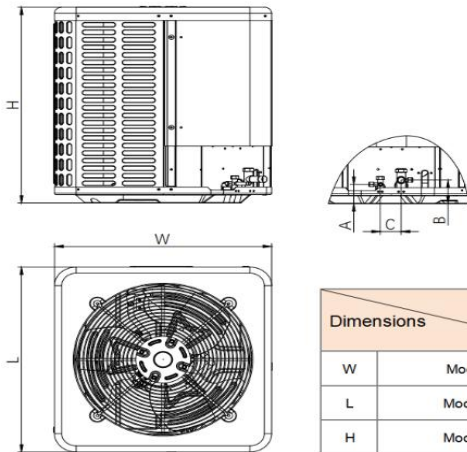
OUTDOOR UNIT DATA			
Compressor			
Type			SKDC051N1ULB
Model			SCROLL
Brand			GMCC
Capacity	(Btu/h)		17800
Input	(W)		3915
Rated current (RLA)	(A)		17.2
Refrigerant oil/oil charge	(ml)		ESTER OIL VG46 1240
Throttle			/
Outdoor fan motor			
Model			DQ-DRN-310-200-8-B(A)
Qty			1
Input	(W)		200.00
RLA	(A)		0.92
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		2950
Outdoor noise level	[dB(A)]		60.0
Outdoor unit			
Dimension (W×D×H)	(inch)	29-9/64×29-9/64×32-7/8	
	(mm)	740×740×835	
Packing (W×D×H)	(inch)	30-5/16×30-5/16×34-1/16	
	(mm)	770×770×865	
Net/ Gross weight	(lbs.)		182/193
	(kg)		82.5/87.5

Indoor unit dimension



Dimensions		Model	AC32-1824B-15		AC32-3036B-15		AC32-3036C-15	
			inch	mm	inch	mm	inch	mm
A	Model Width		17-63/64	457	23-37/64	599	23-37/64	599
B	Model Height		17-33/64	445	17-33/64	445	21-1/32	534
C	Model Deep		21-1/32	534	21-1/32	534	21-1/32	534
Dimensions		Model	AC32-4860C-15		AC32-4860D-15			
			inch	mm	inch	mm		
A	Model Width		27-51/64	706	24-16/32	706		
B	Model Height		21-1/32	534	27-13/16	622		
C	Model Deep		21-1/32	534	21-1/32	534		

Outdoor unit dimension



Dimensions		Model	18K/24K		30K/36K		42K/48K/60K	
			inch	mm	inch	mm	inch	mm
W	Model width		23-5/8	600	29-9/64	740	29-9/64	740
L	Model length		23-5/8	600	29-9/64	740	29-9/64	740
H	Model height		25	635	25	635	32-7/8	835
A	Liquid side valve height		2-31/64	63	2-31/64	63	2-31/64	63
B	Distance between two valves		3-1/32	77	3-1/32	77	3-1/32	77
C	Gas side valve height		2-9/32	58	2-9/32	58	2-9/32	58