

SUBMITTAL DATA

BCAS24HPJ1CA / KULA24HPJ1OB
18000 BTU/H Cassette Heat Pump System

Job Name

Purchaser

Submitted to

Unit Designation

Location

Date

Engineer

For

Schedule No.



BCAS24HPJ1CA



KULA24HPJ1OB



YAP1FFB



XE71

GENERAL FEATURES

- AHRI Certificate: -
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- 4 - Way Discharge Air
- Internal Condensate Drain Pump
- Wireless Remote with LCD Display Included
- Wired Controller Included
- Low Ambient Cooling down to -20°F (Range -20°F to 122°F)
- Low Ambient Heating down to -22°F (Range -22°F to 86°F)
- (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

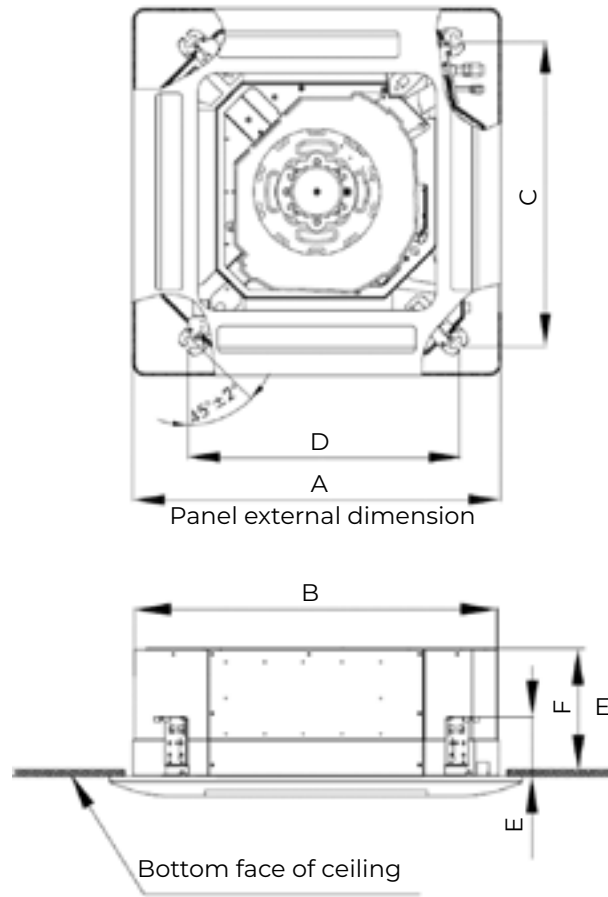
SPECIFICATIONS		BCAS24HPJ1CA / KULA24HPJ1OB		FEATURES & FUNCTIONS SUMMARY		BCAS24HPJ1CA / KULA24HPJ1OB	
System Type		HEAT PUMP					
SYSTEM PERFORMANCE				SYSTEM FEATURES			
Cooling	Min - Max	Btu/h	3600 - 26500	Inverter Type	G10		
	Capacity @95°F	Btu/h	22800	Ultra Low Frequency Torque Control	Yes		
	Min - Max	Btu/h	4000 - 33000	Power Factor Correction	Yes		
Heating	Capacity @5°F	Btu/h		Compressor Type - Inverter	High Efficiency Rotary		
	Capacity @17°F	Btu/h		Basepan With Electric Heater	Yes		
	Capacity @47°F	W	27400	Indoor & Outdoor Fin Coating (Blue Fin)	Yes		
SEER2			21.0	Intelligent Defrosting	Yes		
EER2			13.1	Intelligent Preheating	Yes		
HSPF2			9.5	Low Voltage Startup	Yes		
COP @5°F				Memory/Power Failure Recovery	Yes		
COP @47°F			3.6	Self Diagnosis	Yes		
Cooling Temperature Range	°F		-20 - 122	Wired Controller Interface	Yes		
Heating Temperature Range	°F		-22 - 86	WiFi Included	No		
Refrigerant Type			R410A	Indoor Fan Type	Centrifugal		
INDOOR UNIT				BCAS24HPJ1CA			
Air flow (Min-Max)		CFM	518 - 753	Multi Fan Speeds	4 Speeds		
Sound Pressure Level (Min - Max)		dB(A)	36 - 47	Indoor Unit Display	Yes		
Dehumidification		pt/hr	5.3	Auxiliary Electrical Heater	No		
External Dimensions (W x H x D)		in	33 x 9-1/2 x 33	Ventilation (Outdoor Air)	No		
Package Dimension (W x H x D)		in	37-1/2 x 12-1/8 x 37-1/2	REMOTE CONTROLLER FUNCTIONS			
Net Weight		lbs	72.8	Auto Mode	Yes		
Gross Weight		lbs	88.2	Auto Fan	Yes		
CASSETTE GRILLE				BCASGRILLEBSM			
Grille Dimension (W x H x D)		in	37-7/16 x 2-3/8 x 37-7/16	Auto Swing (Horizontal Auto Swing)	No		
Package Dimension (W x H x D)		in	40 1/2 x 4 5/8 x 40 3/4	Auto Swing (Vertical Auto Swing)	Yes		
Weight (Net/Gross)		lbs	15.4/24.3	Clock	Yes		
OUTDOOR UNIT				KULA24HPJ1OB			
Compressor Type			GREE G-10 / 2 - STAGE INVERTER	Dry Mode	Yes		
Sound Pressure Level		dB(A)	62	Dry Anti-Mildew (X-Fan) Mode	Yes		
External Dimensions (W x H x D)		in	39-3/8 x 29-3/8 x 16-13/16	Energy Saving Mode	Yes		
Package Dimension (W x H x D)		in	42-9/16 x 31-15/16 x 19-1/16	Dirty Filter Alert	No		
Net Weight		lbs	125.7	Fan Speed Control (7 Speeds)	Yes		
Gross Weight		lbs	136.7	I Feel Function	Yes		
REFRIGERANT PIPING				KULA24HPJ1OB			
Refrigerant Charge - R410A		oz	60	Privacy Lock	Yes		
Additional Charge		oz/ft	0.5	Quiet Mode	No		
Line Set Sized by Indoor Unit (Liquid - Gas)		in	3/8 - 5/8	Room Temperature Display	No		
Outdoor Service Valve Size (Liquid - Gas)		in	1/4 - 5/8	Sleep Mode	Yes		
Pre-Charge Length		ft	25	Normal Sleep Mode Options	Yes		
Pipe Length (Min - Max)		ft	10 - 131	Timer Mode	Yes		
Max. Pipe Elevation		ft	82	Turbo Mode	Yes		
ELECTRICAL				KULA24HPJ1OB			
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	Display On/Off Control	Yes		
Voltage Range (Min - Max)		VAC	187 - 253	Freeze Guard Mode	Yes		
Rated Current - Cooling		A	15.3	Power Failure Mode	Yes		
Rated Current - Heating		A	13.5				
MCA		A	16				
MOCP		A	25				
Suggested Breaker Size		A	20				
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				

DIMENSIONS

INDOOR UNIT

Unit: inch

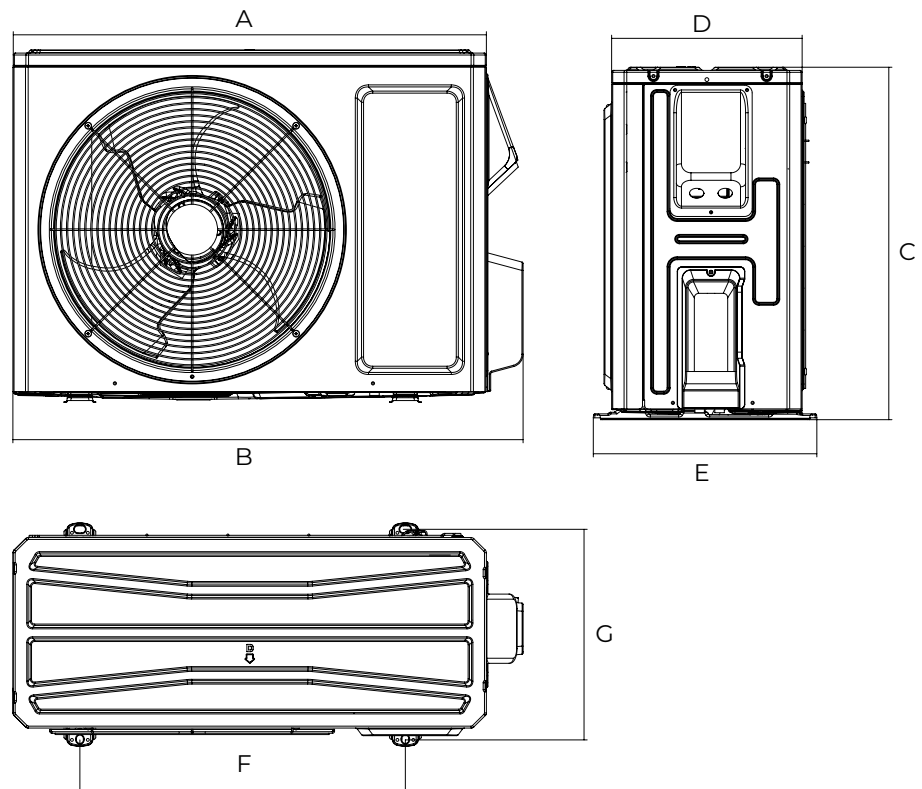
BCAS24HPJICA	
DIMENSIONS	
A	37-1/2
B	33
C	30-3/4
D	26-3/4
E	5-3/4
F	9-1/2



OUTDOOR UNIT

Unit: inch

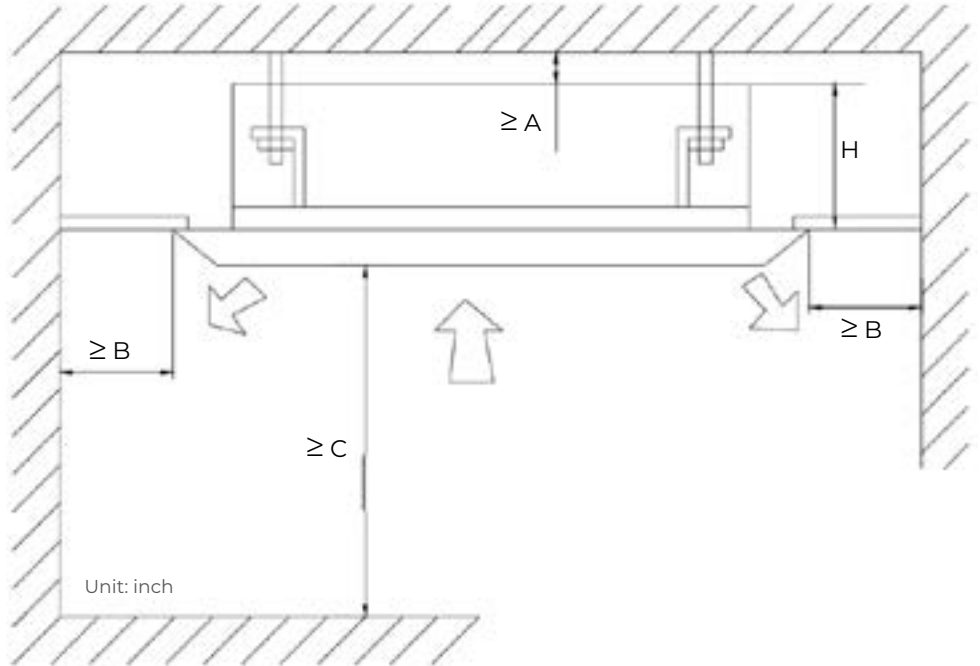
KULA24HPJ10B	
DIMENSIONS	
A	36-11/32
B	39-3/8
C	29-3/8
D	14-17/32
E	16-13/16
F	24-1/64
G	15-35/64



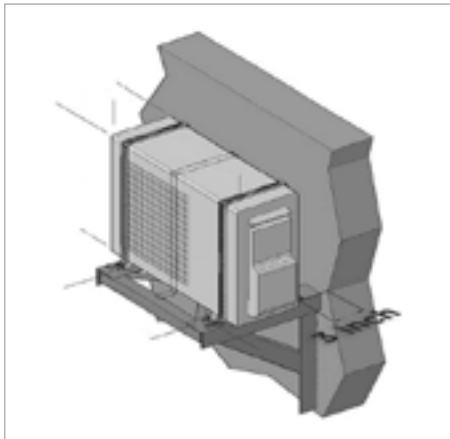
CLEARANCES

INDOOR UNIT Minimum clearance

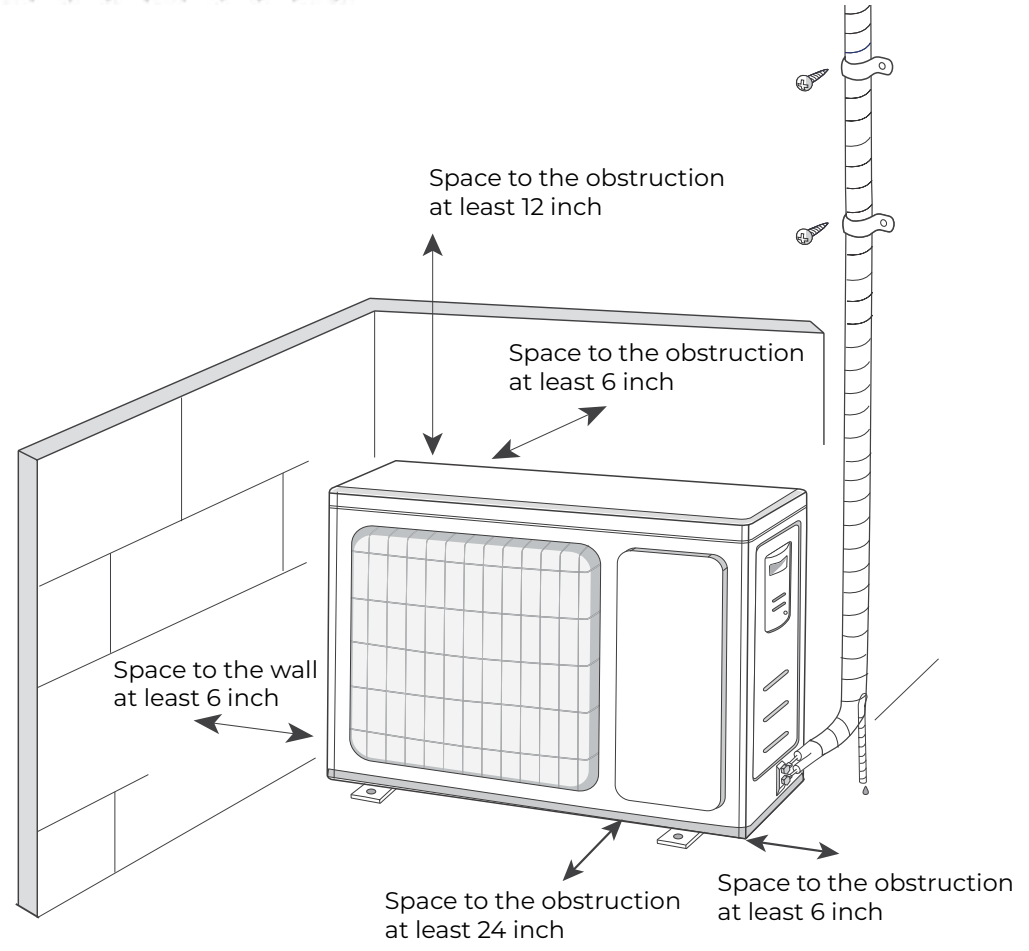
CLEARANCES	
A	7/8
B	60
C	98
H	10



OUTDOOR UNIT Minimum clearance



NOTE:
If bottom of the unit is free of airflow obstructions similar to the mounting bracket figure, the clearance to the wall on the back can be reduced to 3 inches.



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