



SUBMITTAL DATA SHEET



ACIQ-24CD-HH-MB	24,000 BTU/H(208/230V)	Floor Mount type Heat Pump System
Location: _____	Approval: _____	
Engineer: _____	Date: _____	
Submitted to: _____	Construction: _____	
Submitted by: _____	Unit #: _____	
Reference: _____	Drawing #: _____	

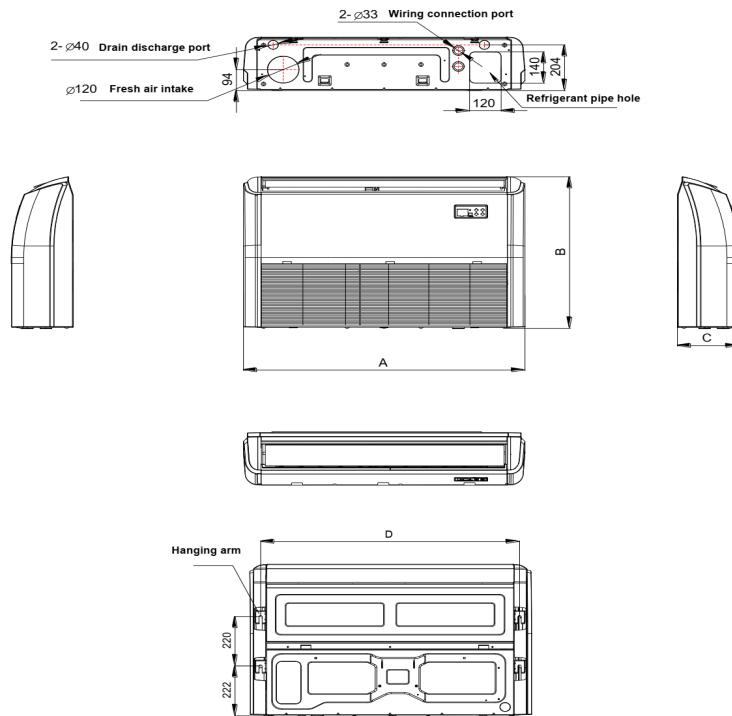
Set Code	22022710003256
Indoor unit code	22022711000421
Set Model	
Indoor unit model	ACIQ-24CD-HH-MB
Certified	AHRI  UL 



SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	25.0
Max.fuse	(A)	35.0
Connection wiring		14AWG*4 Stranded, unshielded
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	5400~26800
Power Input (Max)	(W)	2087
Rated current	(A)	9.55
SEER	(Btu/W)	20.2
EER	(Btu/W)	11.5
Heating at 47F		
Rated Capacity	(Btu/h)	24600
Capacity Range	(Btu/h)	12500~30500
Power Input (Max)	(W)	2000
Rated current	(A)	9.15
HSPF4	(Btu/W)	11.6
HSPF5	(Btu/W)	10.0
COP	W/W	3.52
Heating at 17F		
Max Capacity	(Btu/h)	26661
REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/91.7
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9
Max. pipe length	(ft)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	60~90 / 32~86
	(Deg. °C)	16~32 / 0~30
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47

INDOOR UNIT DATA		
Indoor fan motor		
Type		Cross-Flow
Model		ZKFN-90-8-1
Qty		1
Input	(W)	96.0
RLA	(A)	-
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1350/1260/1120
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo)	(CFM)	758.82/708.24/598.24
Indoor noise level (Hi/Med/Lo)	[dB(A)]	51/47.5/42
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	42.05x26.57x9.25
	(mm)	1068x675x235
Packing(WxDxH)	(inch)	45.08x29.72x12.52
	(mm)	1145x755x318
Net/Gross weight	(lbs.)	60.63/72.09
	(kg)	27.5/32.7

Indoor unit dimension



Capacity (Btu/h)	Unit	A	B	C	D
18K / 24K	mm	1068	675	235	983
	inch	42.05	26.57	9.25	38.70
36K	mm	1285	675	235	1200
	inch	50.59	26.57	9.25	47.24
48K/60K	mm	1650	675	235	1565
	inch	64.96	26.57	9.25	61.61

General Features

Wired controller(optional)

Weekly-time wired controller(optional)

Central controller

Long distance Alarm and ON/OFF controller(optional)

Build-in pump(optional)

3D airflow

Extended Performance Data

