



Submittal Data Sheet

Outdoor Unit Model#: ACIQ-36Z-HH-M5C*

Multi Zone Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Product Code: 810175551081



EFFICIENCY RATINGS

Cooling		Heating	
SEER2	19.4	HSPF2-4	10.4
EER2	12	COP	3.8

COOLING PERFORMANCE

Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	9000~42000
Moisture Removal (L/h)	2
Standard Operating Range (°F/°C)	-22~122 / (-30~50)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

HEATING PERFORMANCE

Heating (Btu/hr)	
1. @ 47°F Rated	36000
1. @ 47°F Min/Max Capacity	10000~45000
2. @ 17°F Rated (H32)	33000
3. @ 5°F Rated: Capacity / COP (H42)	38000 / 2
3. @ 5°F Max: Capacity	38000
Standard Operating Range (°F/°C)	-22~75 / (-30~24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

OUTDOOR UNIT SPECIFICATIONS

Compressor Type	TWIN-ROTARY	
Compressor Model	EKPQ420D1UMUA	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	1460	
Refrigerant Oil	VG75	
Outdoor Air Flow (Max) (CFM)	3037	
Outdoor Noise Level (dBA)	65	
Dimension (W×D×H)	inch	38.58 x 16.34 x 38.39
	mm	980 x 415 x 975
Package (W×D×H)	inch	45.08 x 19.68 x 42.52
	mm	1145 x 500 x 1080
Net/Gross Weight	lbs	211.86 / 244.71
	kg	96.1 / 111

ELECTRICAL SPECIFICATIONS

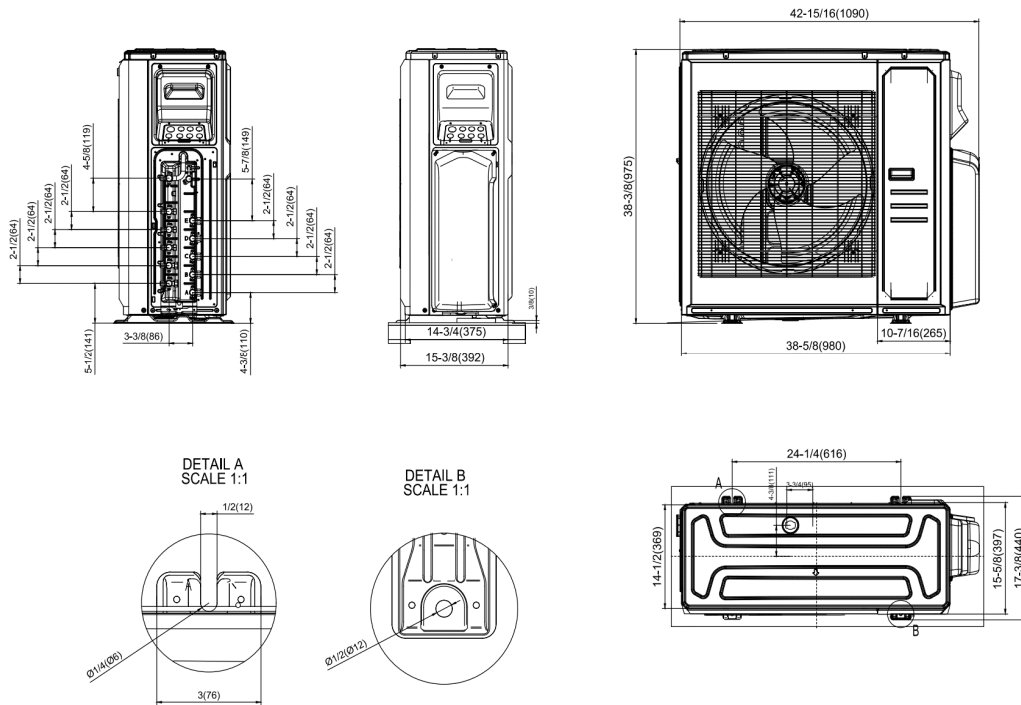
Power Supply	208/230V,60Hz,1Ph
System MCA	37
Connection Wiring	AWG 14-4
System MOP	40
Compressor RLA	20.5
Outdoor Fan Motor RLA	2.6
Outdoor Fan Motor W	250
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	3000 / (600 ~ 4200)
System Power Input @ Heating (W)	2776 / (600 ~3650)
MCA: Min. circuit amps (A)	MOP: Max. overcurrent protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS

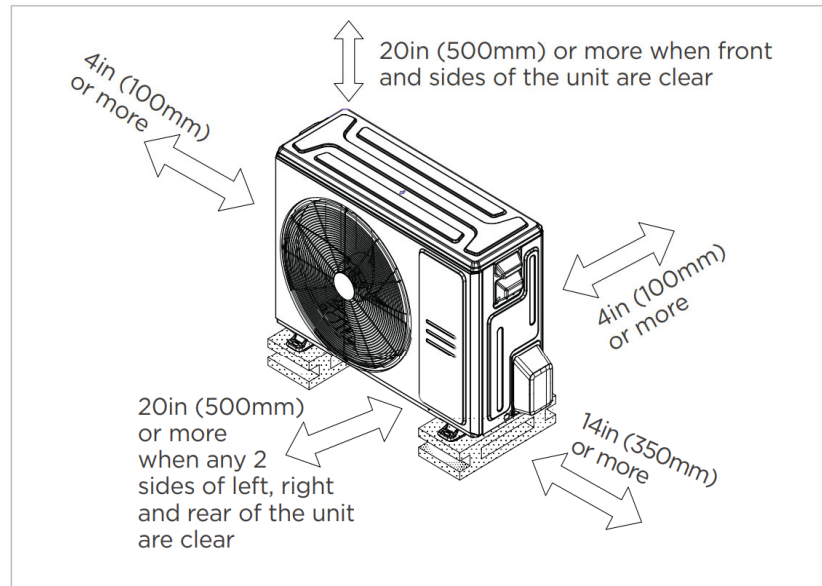
Liquid Size	5 x 6.35mm (5 x 1/4in)
Gas Size	3 x 9.52mm + 2 x 12.7mm (3 x 3/8in + 2 x 1/2in)
Max. Piping Length for all rooms (ft/m)	262.4 / (80)
Max. Piping Length for one IDU (ft/m)	114.8 / (35)
Max. Height Difference of IDU and ODU (ft/m)	49.2 / (15)
Refrigerant Pre-charged Amount (oz/kg)	134.04 / (3.8)
Refrigerant Precharge Length (ft/m)	24.6 (7.5) x 5
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe) ((oz/ft)/(g/m))	0.16 / (15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe) ((oz/ft)/(g/m))	0.32 (30)
Connection Method	Flared

*System performance figures & efficiency ratings above achieved by testing condenser with (2) 9K & (3) 6K multi-zone compatible ducted air handlers

Outdoor Unit Dimensions



Installation Instructions



✓ Meets all spatial requirements shown in Installation Clearance Requirements above.