



Submittal Data Sheet

Outdoor Unit Model#: ACIQ-18Z-HH-M3C*

Multi Zone Heat Pump System

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

Product Code: 810175551067



EFFICIENCY RATINGS

Cooling		Heating	
SEER2	20.0	HSPF2-4	10.0
EER2	13	COP	4.0

COOLING PERFORMANCE

Cooling (Btu/hr)

Rated Capacity	19000
Min/Max Capacity	5400~27600
Moisture Removal (L/h)	0
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	20000
1. @ 47°F Min/Max Capacity	5700~25400
2. @ 17°F Rated (H32)	17000
3. @ 5°F Rated: Capacity / COP (H42)	18000 / 2
3. @ 5°F Max: Capacity	18000
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	ROTARY	
Compressor Model	KTM240D46UKT2	
Refrigerant	R454B	
Refrigerant Oil Charge (mL)	620	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2131	
Outdoor Noise Level (dBA)	61.5	
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
	mm	946 x 410 x 810
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	137.35 / 148.15
	kg	62.3 / 67.2

ELECTRICAL SPECIFICATIONS

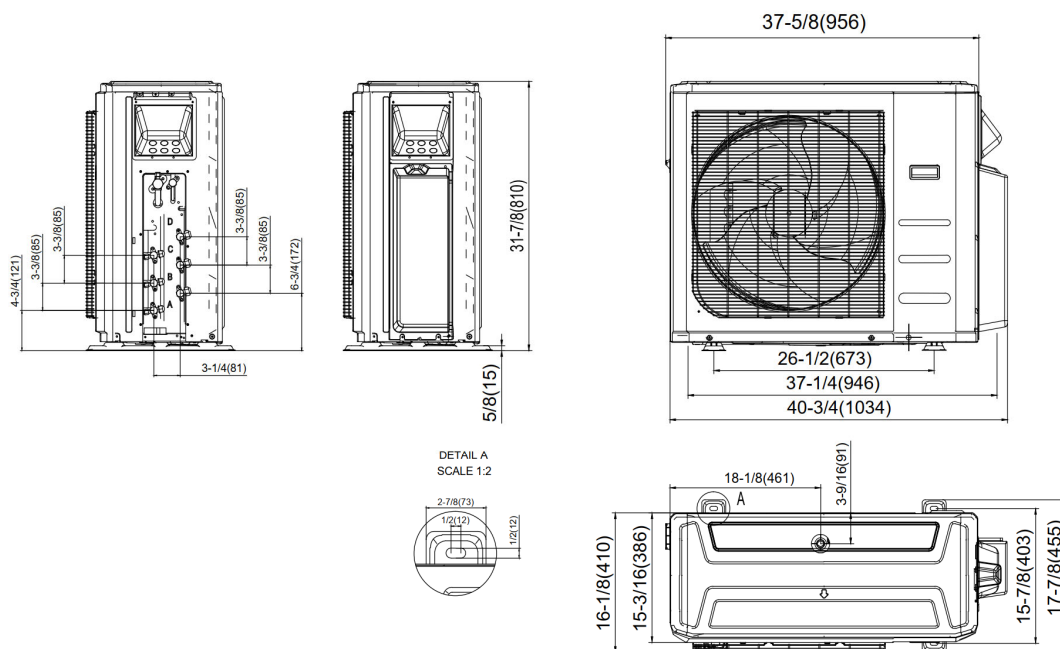
Power Supply	208/230V, 60Hz, 1Ph
System MCA	17.5
Connection Wiring	AWG 14-4
System MOP	20
Compressor RLA	9.2
Outdoor Fan Motor RLA	1.2
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	1460 / (400 ~ 2350)
System Power Input @ Heating (W)	1465 / (350 ~ 2200)
MCA: Min. circuit amps (A)	MOP: Max. overcurrent protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

REFRIGERANT PIPING SPECIFICATIONS

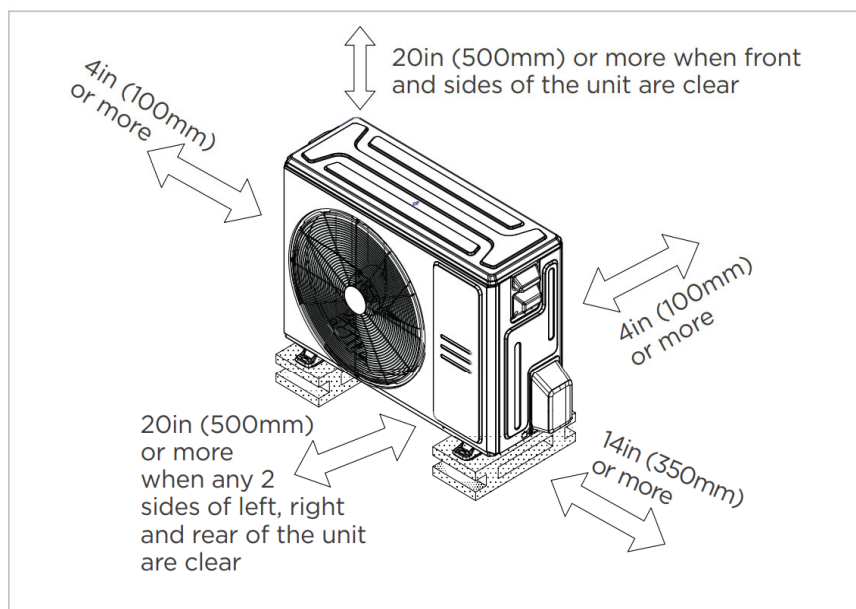
Liquid Size	3 x 6.35mm (3 x 1/4in)
Gas Size	3 x 9.52mm (3 x 3/8in)
Max. Piping Length for all rooms (ft/m)	196.8 / (60)
Max. Piping Length for one IDU (ft/m)	98.4 / (30)
Max. Height Difference of IDU and ODU (ft/m)	49.2 / (15)
Refrigerant Pre-charged Amount (oz/kg)	78.31 / (2.22)
Refrigerant Precharge Length (ft/m)	24.6 (7.5) x 3
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 (3) 6K multi-zone compatible ducted air handlers

Outdoor Unit Dimensions



Installation Instructions



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