




SUBMITTAL DATA SHEET

36K Single-Zone Mini Split System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	Indoor unit model ACIQ-K36W-HP230	Outdoor unit model ACIQ-K36Z-HP230
Certified	AHRI	 



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Electrical			
Minimum circuit ampacity (Outdoor)	(A)	23	
Max.fuse (Outdoor)	(A)	35	
Connection wiring	Size x Core Number	4x16AWG	
Max Current (T1)	(A)	22	
Current Range	(A)	6~19.7	
Cooling			
Rated Cooling Capacity at 95°F (35°C)	(Btu/h)	36000	
Rated Input Consumption	(W)	3850	
Rated Current	(A)	16.5	
SEER2 at 95°F (35°C)	(Btu/W.h)	19.0	
EER2 at 95°F (35°C)	(Btu/W.h)	9.0	
Heating			
Rated Heating Capacity at 47°F (8.3°C)	(Btu/h)	36000	
Rated Input Consumption	(W)	3500	
Rated Current	(A)	15.2	
HSPF2-4	(Btu/W.h)	8.5	
HSPF2-5	(Btu/W.h)	7.0	
COP2 at 47°F (8.3°C)	WW	3.01	
COP2 at 5°F (-15°C)	WW	1.75	
Max. Heating Capacity at 5°F (-15°C)	(Btu/h)	21100 (59%)	

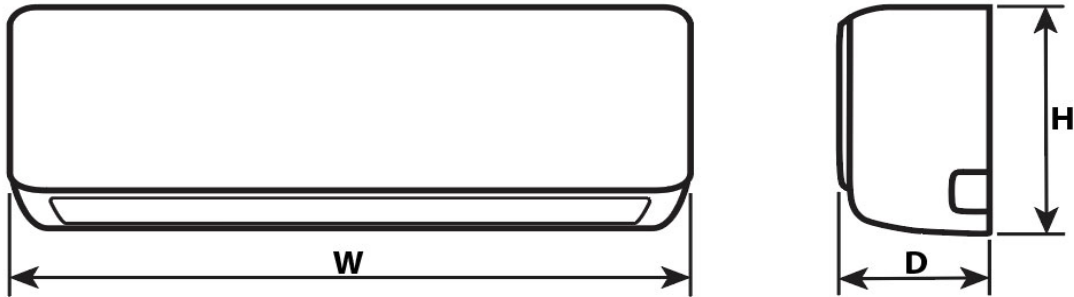
REFRIGERANT PIPE DATA			
Maximum Operation Pressure	(PSIG)	550.0	
Refrigerant Type (Condenser Pre-Charged)		R410A	
Line Set Length	(ft)	16.0	
	(m)	5.0	
Additional charge for each ft	(oz/ft)	0.32	
Additional charge for each m	(g/m)	30.0	
Liquid side/ Gas side (indoor)	(inch)	1/4"/5/8"	
	(mm)	6.35/15.88	
Liquid side/ Gas side (outdoor)	(inch)	1/4"/5/8"	
	(mm)	6.35/15.88	
Max. line length	(ft)	50.0	
	(m)	15.0	
Max. difference in level	(ft)	16.0	
	(m)	5.0	
Connection method	Type	Flared Fitting	

Operating Temperature	(Deg. °F)	61° ~ 88°	
	(Deg. °C)	16° ~ 31°	
Ambient Temperature			
Indoor (cooling)	(Deg. °F)	≥ 62°	
	(Deg. °C)	≥ 17°	
Indoor (heating)	(Deg. °F)	≤ 86°	
	(Deg. °C)	≤ 30°	
Outdoor (cooling)	(Deg. °F)	5° ~ 122°	
	(Deg. °C)	-15° ~ 50°	
Outdoor (heating)	(Deg. °F)	-4° ~ 86°	
	(Deg. °C)	-20° ~ 30°	

INDOOR UNIT DATA			
Airflow & Noise level			
Indoor airflow (Hi/Med/Lo)	(CFM)	847/700/588	
	(m3/h)	1440/1190/1000	
Indoor noise level (Turbo/Hi/Med/Lo/Mute)	dB(A)	52/49/43/38/36	
Suitable Room Coverage Area	sq. ft.	Up to 2500	
Dehumidification			
	(Liters/Hr)	3.0	
Unit & Packing Dimensions			
Unit Dimensions (WxDxH)	(inch)	46.93x14.17x10.23	
	(mm)	1192x360x260	
Packing Dimensions (WxDxH)	(inch)	49.80x17.13x13.27	
	(mm)	1265x435x337	
Net/Gross Weight			
Net/Gross weight (w/o accessories)	(lbs.)	48.5/25.4	
	(kg)	22.0/11.5	
Net/Gross weight (w/ all accessories)	(lbs.)	45.2/51.8	
	(kg)	20.5/23.5	

OUTDOOR UNIT DATA			
Air flow & Noise level			
Outdoor airflow (Max.)	(CFM)	2350	
	(m3/h)	4000	
Outdoor noise level	dB(A)	63	
Unit & Packing Dimensions			
Unit Dimensions (W×D×H)	(inch)	35.83x16.54x31.50	
	(mm)	910x420x800	
Packing Dimensions (W×D×H)	(inch)	40.47x18.70x33.86	
(w/o 5m pipe)	(mm)	1028x480x860	
Packing Dimensions (W×D×H)	(inch)	40.47x18.70x33.86	
(w/ 5m pipe)	(mm)	1028x480x860	
Net/Gross Weight			
Net/Gross Weight (w/o 5m pipe)	(lbs.)	112.5/123.5	
	(kg)	51.0/56.0	
Net/Gross Weight (w/ 5m pipe)	(lbs.)	116.8/129.0	
	(kg)	53.0/58.5	

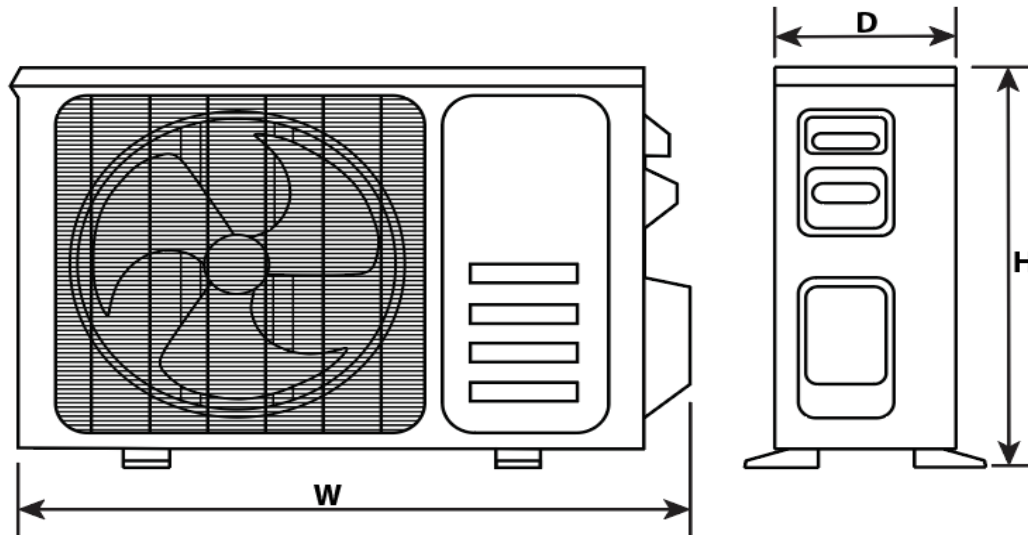
Indoor Unit Dimensions



Capacity	W (Width)	D (Depth)	H (Height)
9K-12K	31.92 in (811 mm)	11.49 in (292 mm)	8.07 in (205 mm)
18K	39.76 in (1010 mm)	12.40 in (315 mm)	8.66 in (220 mm)
24K-36K	46.93 in (1192 mm)	14.17 in (360 mm)	10.23 in (260 mm)

Units: Inch (Millimeter)

Outdoor Unit Dimensions



Capacity	W (Width)	D (Depth)	H (Height)
9K-12K	28.14 in (715 mm)	11.42 in (290 mm)	19.61 in (498 mm)
18K	30.70 in (780 mm)	13.74 in (349 mm)	23.81 in (605 mm)
24K	33.26 in (845 mm)	14.96 in (380 mm)	27.51 in (699 mm)
36K	35.83 in (910 mm)	16.54 in (420 mm)	31.50 in (800 mm)

Units: Inch (Millimeter)