



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  UL 



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		R410A
Refrigerant precharge	(ft)	25.0
	(m)	7.5
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)	98.0
	(m)	30.0
Max. difference in level	(ft)	65.0
	(m)	20.0
Connection method	Type	Pre-Charged Line Set

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

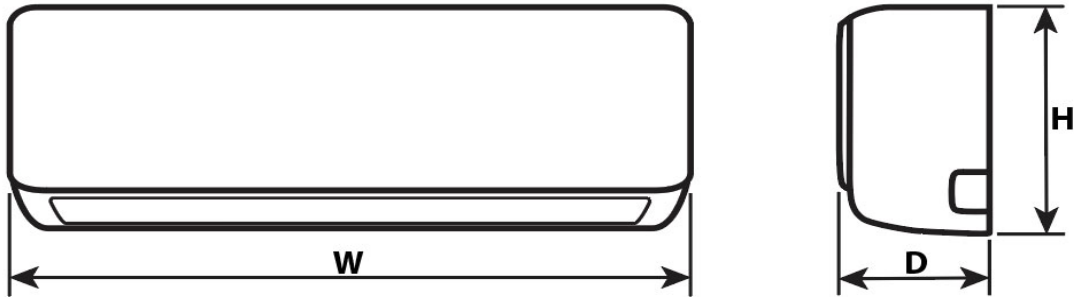
Airflow & Noise level		
Indoor airflow (Hi/Med/Lo)	(CFM)	847/700/588
	(m3/h)	1440/1190/1000
Indoor noise level (Turbo/Hi/Med/Lo/Mute)	dB(A)	52/49/43/38/36
Suitable Room Coverage Area	sq. ft.	Up to 2500
Dehumidification		
	(Liters/Hr)	3.0
Unit & Packing Dimensions		
Unit Dimensions (WxDxH)	(inch)	46.93x14.17x10.23
	(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 (WxDxH)	(inch)	35.83x16.54x31.50
	(mm)	910x420x800
Packing Dimensions (WxDxH)	(inch)	40.47x18.70x33.86
(w/o 5m pipe)	(mm)	1028x480x860
Packing Dimensions (WxDxH)	(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

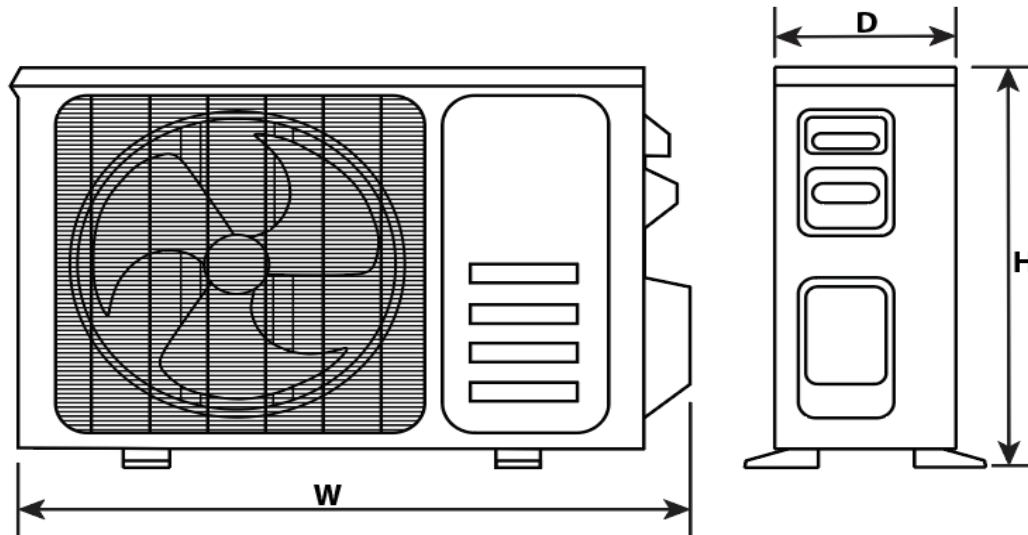
Indoor Unit Dimensions



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)