



Submittal Data Sheet

Indoor Unit Model#: ACiQ-K09W-W-HP115B (White)

ACiQ-K09W-BL-HP115B (Black)

Outdoor Unit Model#: ACiQ-K09Z-HP115B

9K (115V) Single-Zone Mini-Split System

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



SYSTEM PERFORMANCE		
Cooling Performance		
Rated Cooling Capacity at 95°F (35°C)	Btu/h	9000
SEER2 at 95°F (35°C)	Btu/W.h	19.0
EER2 at 95°F (35°C)	Btu/W.h	11.7
Rated Input Consumption	W	750
Rated Current	A	6.8
Heating Performance		
Rated Heating Capacity at 47°F (8.3°C)	Btu/h	10000
Rated Heating Capacity at 17°F (-8.3°C)	Btu/h	5800
Max. Heating Capacity at 5°F (-15°C)	Btu/h	7300
HSPF2-Region IV	Btu/W.h	9.5
HSPF2-Region V	Btu/W.h	8.2
COP2 at 47°F (8.3°C)	W/W	3.81
COP2 at 5°F (-15°C)	W/W	2.0
Rated Input Consumption	W	750
Rated Current	A	6.8

OPERATING & AMBIENT TEMPERATURE RANGE		
Operating Temperature Range	°F	60.8 ~ 87.8
	°C	16 ~ 31
Ambient Temperature Range (Cooling Operation)		
Indoor Unit	°F	≥ 62
	°C	≥ 17
Outdoor Unit	°F	5 ~ 122
	°C	-15 ~ 50
Ambient Temperature Range (Heating Operation)		
Indoor Unit	°F	≤ 86
	°C	≤ 30
Outdoor Unit	°F	-4 ~ 86
	°C	-20 ~ 30

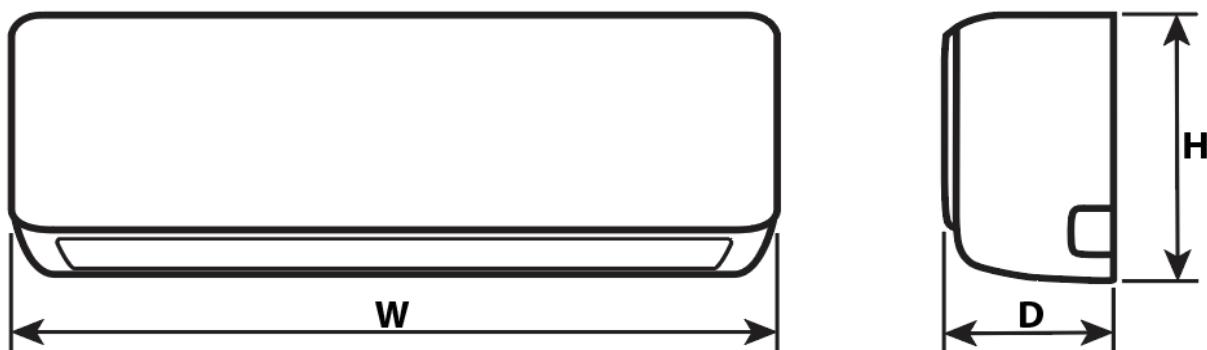
INDOOR UNIT SPECIFICATIONS		
Indoor Airflow (Turbo/Hi/Med/Lo/Mute)	CFM	342 / 270 / 235 / 200 / 152
Indoor Noise Level (cooling) (Turbo/Hi/Med/Lo/Mute)	dB(A)	42 / 40 / 35 / 30 / 28
Suitable Room Coverage Area	sq. ft.	Up to 400
Moisture Removal/Dehumidification	Liters/hr	1.1
Controller	Type	Remote
Unit Dimensions (WxDxH)	in	31.92 x 11.49 x 7.99
	mm	811 x 292 x 203
Packing Dimensions (WxDxH)	inch	34.84 x 14.40 x 10.82
	mm	885 x 366 x 275
Net Weight	lbs	19.8
	kg	9.0
Gross Weight (w/ all accessories)	lbs	26.5
	kg	12

OUTDOOR UNIT SPECIFICATIONS		
Outdoor Noise Level	dB(A)	54
Unit Dimensions (WxDxH)	in	30.98 x 11.41 x 19.60
	mm	787 x 290 x 498
Packing Dimensions (WxDxH) (w/o 5m pipe)	in	32.20 x 12.79 x 20.27
	mm	818 x 325 x 515
Packing Dimensions (WxDxH) (w/ 5m pipe)	in	32.99 x 13.30 x 21.25
	mm	838 x 338 x 540
Packing Dimensions (WxDxH) (w/ larger packaging & 5m pipe)	in	32.99 x 13.30 x 22.83
	mm	838 x 338 x 580
Net Weight	lbs	51.8
	kg	23.5
Gross Weight (w/o 5m pipe)	lbs	55.8
	kg	25.3
Gross Weight (w/ 5m pipe)	lbs	60.2
	kg	27.3
Gross Weight (w/ larger packaging & 5m pipe)	lbs	61.3
	kg	27.8

ELECTRICAL SPECIFICATIONS		
Power Supply	V, Ph, Hz	115V, 1 Ph, 60 Hz
Minimum Circuit Ampacity (MCA)	A	16
Max. Fuse Size	A	25
Recommended Connection Wiring	Size x Core No.	4 x 16 AWG

REFRIGERANT PIPING SPECIFICATIONS		
Refrigerant	Type	R454B
Refrigerant Charge Amount	oz	23.28
	g	660
Additional Charge of Refrigerant	oz/ft	0.11
	g/m	10
Max. Allowable Pressure	Mpa	5.0
Liquid Piping Size	in	1/4"
	mm	6.35
Gas Piping Size	in	3/8"
	mm	9.53
Included Line Set Length (not pre-charged w/ refrigerant)	ft	16
	m	4.88
Max. Piping Length	ft	50
	m	15
Max. Height Difference	ft	33
	m	10
Connection Method	Type	Flared Fitting

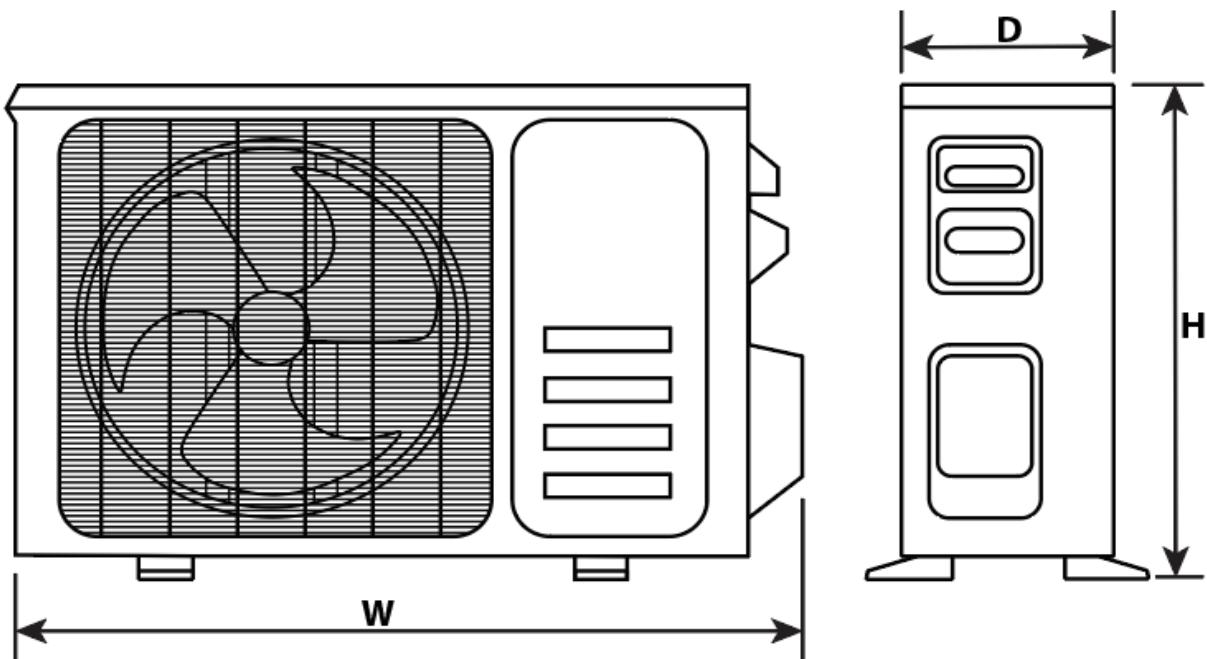
Indoor Unit Dimensions



Capacity	W (Width)	D (Depth)	H (Height)
9K-12K	31.92 in (811 mm)	11.49 in (292 mm)	7.99 in (203 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	30.98 in (787 mm)	11.41 in (290 mm)	19.60 in (498 mm)
18K	33.97 in (863 mm)	13.74 in (349 mm)	23.70 in (602 mm)
24K	36.49 in (927 mm)	14.96 in (380 mm)	27.51 in (699 mm)
36K	38.50 in (978 mm)	16.57 in (421 mm)	31.61 in (803 mm)

Units: Inch (Millimeter)