



Series



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The ultimate combination of performance and comfort, Altitude Series delivers efficiencies up to 23 SEER and whisper-quiet operation; as low as 23 dB(A). Available Capacities: 9,000 BTU, 12,000 BTU, 15,000 BTU, 18,000 BTU, and 24,000 BTU.

### Key Features

- DC INVERTER**  
A-PAM DC INVERTER  
Latest high efficiency DC inverter technology
- EASY INSTALLATION CLIP**  
Built-in bracket allows more room to install and service
- 15°F HEATING**  
Low ambient heating down to -15F (-26C)
- AUTO LOUVER**  
Adjusts airflow upward when cooling, or downward when heating
- BASE PAN HEATER**  
Prevents d=accumulating in the outdoor unit in extremely cold temperatures
- WARM START**  
Ensures the fan will not blow cold air during heating mode startup
- 3-D AIR FLOW**  
Delivers air vertically and horizontally for even distribution throughout the room
- TURBO MODE**  
Cools or heats the room quickly
- BLUE FIN**  
A hydrophilic aluminum fin, ensures condensing water flows smoothly
- QUIET MODE**  
Minimizes indoor noise while maintaining comfort levels
- 60+ FT LONG DISTANCE AIR SUPPLY**  
Optimized fan motor and blower design enables up to 60 feet of air flow
- 2-WAY PIPING DRAIN**  
Right or left side drain configuration simplifies installation

# SINGLE ZONE MINI-SPLIT SOLUTIONS |

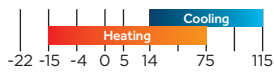


## Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

**Voltage/Cycle/Phase:**  
208-230/60/1

**Operating Range (°F):**



		09PR	12PR	15PR	18PR	24PR
	<b>Outdoor Unit</b>	ASH109PRDWA	ASH112PRDWA	ASH115PRDWA	ASH118PRDWA	ASH124PRDWA
	UPC	0-84691-84630-7	0-84691-84633-8	0-84691-84639-0	0-84691-84635-2	0-84691-84637-6
	<b>Indoor Unit</b>	ASYW09PRDWB	ASYW12PRDWB	ASYW15PRDWB	ASYW18PRDWB	ASYW24PRDWB
	UPC	0-84691-84631-4	0-84691-84632-1	0-84691-84638-3	0-84691-84634-5	0-84691-84636-9
<b>Cooling</b>	Rated Capacity Btu/hr	9,000	12,000	15,000	17,000	22,000
	Capacity Range Btu/hr	3,200 - 12,500	3,300 - 15,000	5,400 - 24,000	5,400 - 26,500	6,400 - 30,000
	Rated Power Input W	640	960	1,200	1,390	1,760
	SEER/EER	23.5/14.5	23.0/12.5	21.5/12.5	21.0/12.5	20.0/12.5
	Moisture Removal Pt./h	3.50	3.90	4.10	4.30	7.00
<b>Heating</b>	Heating Capacity Range Btu/hr	3,800 - 15,600	3,900 - 20,000	4,000 - 26,000	4,000 - 30,000	6,200 - 36,000
	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	16,000	22,000	27,600
	COP	4.4	3.5	3.4	3.4	3.3
	Max. Heating Capacity 17°F Btu/hr	13,000	15,000	17,000	19,000	26,000
	Max. Heating Capacity 5°F Btu/hr	10,000	13,000	16,000	17,000	20,000
	Max Heating Capacity -15°F Btu/hr	6,500	7,500	10,000	12,000	14,000
	Rated Power Input W	680	1,500	1,700	2,100	2,630
HSPF	10.5	11.0	10.5	10.5	10.5	
<b>Outdoor Unit</b>	Maximum Fuse Size A	15	15	20	20	30
	Minimum Circuit Amp A	11.0	11.0	14.0	14.0	20.0
	Outdoor Noise Level dB	54	54	55	55	57
	Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	27 7/16 (697)	30 (762)
	Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	35 (890)	36 3/16 (920)
	Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
ODU Weight Ship/Net - lbs	85/78.5	85/78.5	110.5/100.5	110.5/100.5	141/130	
<b>Indoor Unit</b>	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Sound Level dB (Turbo/High/Med/Low/Quiet)	44/40/35/31/23	45/41/36/32/23	48/46/42/36/34	48/46/42/36/34	49/47/42/36/34
	Dimension: Height in (mm)	12 1/4 (310)	12 1/4 (310)	13 1/4 (336)	13 1/4 (336)	13 1/4 (336)
	Dimension: Width in (mm)	35 7/16 (900)	35 7/16 (900)	43 7/8 (1115)	43 7/8 (1115)	43 7/8 (1115)
	Dimension: Depth in (mm)	8 7/16 (215)	8 7/16 (215)	9 9/16 (243)	9 9/16 (243)	9 9/16 (243)
	IDU Weight Ship/Net - lbs	31/25.5	31/25.5	43.5/35.5	43.5/35.5	45.5/38
<b>Refrigerant Lines</b>	Connections	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4	1/4	1/4
	Suction O.D. in	3/8	3/8	1/2	1/2	1/2
	Factory Charge Oz	38.8	38.8	52.2	52.2	74.1
	Max Line Length Ft / m	50/15	50/15	83/25	83/25	83/25
	Max Height Ft / m	33/10	33/10	50/15	50/15	50/15

\*The Advanced Plus Series will continuously operate at -15°F(-26°C).