

SINGLE ZONE SOLUTIONS



The ultimate combination of performance and comfort, Altitude Series delivers efficiencies up to 23.5 SEER/23.5 SEER2 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.



EASIER TO: DO THE JOB

DETACHABLE BOTTOM COVER

Easy contractor access for connecting advanced diagnostic service tools.

EASY INSTALLATION CLIP

Built-in bracket allows more room to install and service.

2-WAY PIPING DRAIN

Right or left side drain configuration simplifies installation.

MOUNTING TEMPLATE

Printed cardboard mounting template is convenient for single-person installation.

MOUNTING PLATE WITH DIMENSIONS

Get the centerline of the line set and drain opening in the right location, each time and every time.

EASIER TO: CLOSE THE SALE

DC INVERTER TECHNOLOGY

Latest high efficiency DC Inverter technology provides high efficiency systems that lower homeowner's energy bills.

BASE PAN HEATER

Base pan heater allows for low ambient heating down to -15°F degrees provides customers peace of mind that their heat pump will perform in extreme conditions.

BLUE FIN

A hydrophilic aluminum fin, ensures condensing water flows smoothly.

5 OPERATING MODES

Turbo, high, medium, low, and quiet modes allow homeowners to have maximum comfort.

Note: Features vary by individual models.





HIGH WALL SPECIFICATIONS

Compressor Type:
DC Inverter Driven Rotary

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



		09PR	12PR	15PR	18PR	24PR
	Outdoor Unit	ASH109PRDBB	ASH112PRDBB	ASH115PRDBB	ASH118PRDBB	ASH124PRDBB
	UPC	084691920502	084691920519	084691920526	084691920533	084691920540
	Indoor Unit	ASYW09PRDBB	ASYW12PRDBB	ASYW15PRDBB	ASYW18PRDBB	ASYW24PRDBB
	UPC	084691920373	084691920380	084691920397	084691920403	084691920410
Cooling	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
	SEER2	23.5	23.0	21.5	21.0	20.0
	EER2	14.5	12.5	12.5	12.5	12.5
	Moisture Removal Pt./hr	3.5	3.9	4.1	4.3	7.0
Heating	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	21,000	27,600
	Max. Heating Capacity 5°F Btu/hr	8,500	10,400	14,200	15,400	20,000
	Max Heating Capacity -15°F Btu/hr	6,500	7,500	10,000	12,000	14,000
	HSPF2 (IV)/HSPF (V)	9.6/7.5	10.5/8.0	9.6/7.5	9.6/7.5	9.6/7.5
Operating Range	Cooling °F (°C)*	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)
	Heating °F (°C)	-15-75°F (-26-24°C)	-15-75°F (-26-24°C)	-15-75°F (-26-24°C)	-15-75°F (-26-24°C)	-15-75°F (-26-24°C)
Outdoor Unit	Maximum Fuse Size A	15	15	20	20	30
	Minimum Circuit Amp A	11	11	14	14	20
	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	90.2/78.3	90.2/78.3	117.5/100.3	117.5/100.3	149.5/130.1
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Cooling Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet)	1150/1050/900/750/650	1150/1050/900/750/650	1100/950/850/750/700	1100/950/850/750/700	1250/1150/1000/850/800
	Heating Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet)	1100/1000/850/700/650	1100/1000/850/700/650	1050/850/775/700/600	1050/850/775/700/600	1250/1150/1000/850/800
	Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)	385/335/265/200/175	400/360/285/215/190	620/545/335/290/210	620/545/335/290/210	635/575/480/390/355
	Heating Airflow CFM (Turbo/High/Med/Low/Quiet)	370/320/250/190/175	380/340/270/200/190	590/490/305/270/180	590/490/305/270/180	635/575/480/390/355
	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	30.9/25.4	30.9/25.4	43.2/35.3	43.2/35.3	45.4/37.5
Refrigerant Lines	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

*Cooling below 23°F (-5°C) requires wind baffle.