





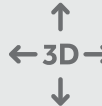











Scan this code with your smart device to learn more about Endure mini-splits.



Our premier Endure Series inverter heat pumps can effectively reduce your energy costs while maintaining an ideal comfort level. The integration of HeatPlus technology provides exceptional year-round comfort with 100% rated heating capacity at 5°F and comfortably warm air down to -31°F.

Key Features

- | | |
|--|--|
|  <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> |  <p>-31°F HEATING
Low ambient heating down to -31°F (-35°C)</p> |
|  <p>BASE PAN HEATER
Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures</p> |  <p>100% HEATING AT 5°F (-15°C)
Provides 100% heating at low ambient 5°F (-15°C)</p> |
|  <p>3-D AIR FLOW
Delivers air vertically and horizontally for even distribution throughout the room</p> |  <p>SMART SENSOR
Automatically changes to an energy-saving temperature while you are away, then back to your regular setting when you return</p> |
|  <p>EASY INSTALLATION CLIP
Built-in bracket allows more room to install and service</p> |  <p>BLUE FIN
A hydrophilic aluminum fin, ensures condensing water flows smoothly</p> |
|  <p>QUIET MODE
Minimizes indoor noise while maintaining comfort levels</p> |  <p>60+ FT LONG DISTANCE AIR SUPPLY
Optimized fan motor and blower design enables up to 60 feet of air flow</p> |
|  <p>WARM START
Ensures the fan will not blow cold air during heating mode startup</p> |  <p>2-WAY PIPING DRAIN
Right or left side drain configuration simplifies installation</p> |
|  <p>TURBO MODE
Cools or heats the room quickly</p> |  <p>AUTO LOUVER
Adjusts airflow upward when cooling, or downward when heating</p> |

SINGLE ZONE MINI-SPLIT SOLUTIONS |



Highwall Systems

Specifications

Compressor Type:

DC Inverter Driven Rotary

Voltage/Cycle/Phase:

208-230/60/1

Operating Range (°F):



	09URYW	12URYW	18URYW	
Outdoor Unit	ASH109URDSD/ASH109URDSE	ASH112URDSD/ASH112URDSE	ASH118URDSD/ASH118URDSE	
UPC	0-84691-85049-6/0-84691-85906-2	0-84691-85051-9/0-84691-85907-9	0-84691-85053-3/0-84691-85908-6	
Indoor Unit	ASYW09URDWD	ASYW12URDWD	ASYW18URDWD	
UPC	0-84691-85049-6	0-84691-85051-9	0-84691-85053-3	
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 15,000	8,500 - 21,000
	Rated Power Input W	560	800	1,385
	SEER/EER	30/16.0	27/15.0	23/13.0
	Moisture Removal Pt./h	2.50	3.40	4.20
Heating	Heating Capacity Range Btu/hr	3,100 - 20,000	3,100 - 22,000	8,700 - 27,000
	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000
	COP	3.7	4.3	3.7
	Max. Heating Capacity 5°F Btu/hr	12,000	17,000	20,000
	Max. Heating Capacity -4°F Btu/hr	10,500	15,500	18,000
	Max. Heating Capacity -15°F Btu/hr	9,000	14,500	16,000
	Max. Heating Capacity -22°F Btu/hr	7,400	12,400	14,000
Rated Power Input W	845	1,400	1,920	
HSPF	15.2	13.0	12.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Indoor Sound Level dB (Turbo/High/ Med/Low/Quiet)	45/37/34/31/25	46/42/37/31/27	47/41/38/35/29
	Dimension: Height in (mm)	12 7/8 (327)	12 7/8 (327)	13 1/4 (337)
	Dimension: Width in (mm)	39 3/4 (1009)	39 3/4 (1009)	44 3/8 (1126)
	Dimension: Depth in (mm)	8 3/4 (223)	8 3/4 (223)	9 1/16 (230)
	Weight Ship/Net - lbs (kg)	35.7/27.8 (16.2/12.6)	35.7/27.8 (16.2/12.6)	45.2/36.6 (20.5/16.6)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	1/2	1/2	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
Maximum Height Ft / m	33/10	33/10	50/15	

The Endure Series will continuously operating heating at -31°F(-35°C).



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Our premier Endure Series inverter heat pumps can effectively reduce your energy costs while maintaining an ideal comfort level. The integration of HeatPlus technology provides exceptional year-round comfort with 100% rated heating capacity at 5°F and comfortably warm air down to -31°F.

Key Features

 <p>A-PAM DC INVERTER Latest high efficiency DC inverter technology</p>	 <p>-31°F HEATING Low ambient heating down to -31°F (-35°C).</p>
 <p>BASE PAN HEATER Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures</p>	 <p>100% HEATING AT 5°F (-15°C) Provides 100% heating at low ambient 5°F (-15°C)</p>
 <p>COMPACT DESIGN Less than 10" height saves ceiling space</p>	 <p>CONDENSATE PUMP Built-in condensate pump included standard</p>
 <p>0.6" wg EXTERNAL STATIC Designed for static pressure up to 0.6" wg</p>	 <p>BLUE FIN A hydrophilic aluminum fin, ensures condensing water flows smoothly</p>
 <p>OPTIONAL MERV FILTER BOX AND SUPPLY PLENUM Accessories available for MSP duct model for easy installation</p>	 <p>AUX HEATER COMPATIBLE Compatible with 3rd party auxiliary heaters</p>
 <p>WARM START Ensures the fan will not blow cold air during heating mode startup</p>	 <p>FRESH AIR Unit design includes 4" round fresh air knock-out</p>

SINGLE ZONE MINI-SPLIT SOLUTIONS |



Mid-Static Ducted Systems

Specifications

Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



	09URYM	12URYM	18URYM	
Outdoor Unit	ASH109URDSE	ASH112URDSE	ASH118URDSE	
UPC	0-84691-85906-2	0-84691-85907-9	0-84691-85908-6	
Indoor Unit	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	
UPC	0-84691-85155-4	0-84691-85156-1	0-84691-85157-8	
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 23,200
	Rated Power Input W	710	950	1,560
	SEER/EER	21/12.5	20/12.5	19/11.5
	Moisture Removal Pt./h	2.50	3.20	3.80
Heating	Heating Capacity Range Btu/hr	3100-18000	3100-21000	5100-24000
	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000
	COP	2.95	3.3	3.5
	Max. Heating Capacity 5°F Btu/hr	10,000	12,000	19,000
	Max. Heating Capacity -22°F Btu/hr	5,000	6,000	13,000
	Rated Power Input W	910	1,500	1,900
HSPF	11.0	10.5	10.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Airflow CFM (Turbo/High/Med/Low/Quiet)	424/353/294/235/176	494/424/353/294/235	735/635/541/470/400
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36
	Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4
	Dimension: Height in (mm)	9.7 (248)	9.7 (248)	9.7 (248)
	Dimension: Width in (mm)	27.5 (700)	27.5 (700)	43.3 (1100)
	Dimension: Depth in (mm)	27.5 (700)	27.5 (700)	27.5 (700)
	Weight Ship/Net - lbs (kg)	90.4/63.1 (41/28.6)	90.4/63.1 (41/28.6)	121.3/89.3 (55/40.5)
	Max. External Static Pressure in.W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)
	Condensate Pump	Standard	Standard	Standard
	Max. Drain-lift height in (mm)	39 (1000)	39 (1000)	39 (1000)
	Refrigerant Lines	Connections	Flare	Flare
Liquid O.D. in		1/4	1/4	1/4
Suction O.D. in		3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
Factory Charge Oz		56.8	62.1	82.9
Maximum Line Length Ft / m		50/15	50/15	83/25
Maximum Height Ft / m	33/10	33/10	50/15	

The Endure Series will continuously operating heating at -31°F(-35°C).



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Key Features

- 
A-PAM DC INVERTER
 Latest high efficiency DC inverter technology
- 
-31°F HEATING
 Low ambient heating down to -31°F (-35°C)
- 
BASE PAN HEATER
 Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures
- 
100% HEATING AT 5°F (-15°C)
 Provides 100% heating at low ambient 5°F (-15°C)
- 
ULTRA QUIET
 Operating noise levels as low as 20dB(A)
- 
AIRFLOW DIRECTION CONTROL
 Allows user to select preferred airflow direction
- 
WARM START
 Ensures the fan will not blow cold air during heating mode startup
- 
BLUE FIN
 A hydrophilic aluminum fin, ensures condensing water flows smoothly
- 
TURBO MODE
 Cools or heats the room quickly
- 
ROOM TEMPERATURE DISPLAY
 Easy-to-read dual seven segment display on the front panel



Scan this code with your smart device to learn more about Endure mini-splits.



SINGLE ZONE MINI-SPLIT SOLUTIONS |



Console Systems

Specifications

Compressor Type:

DC Inverter Driven Rotary

Voltage/Cycle/Phase:

208-230/60/1

Operating Range (°F):













	09URYF	12URYF	18URYF	
Outdoor Unit	ASH109URDSE	ASH112URDSE	ASH118URDSE	
UPC	0-84691-85906-2	0-84691-85907-9	0-84691-85908-6	
Indoor Unit	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA	
UPC	0-84691-85152-3	0-84691-85153-0	0-84691-85154-7	
Cooling	Rated Capacity Btu/hr	9,000	11,500	14,800
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 18,000
	Rated Power Input W	810	910	1,470
	SEER/EER	20/11.0	20/12.5	18/10.0
	Moisture Removal Pt./h	2.50	3.20	3.80
Heating	Heating Capacity Range Btu/hr	3100-18000	3100-21000	5100-20000
	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	17,800
	COP	2.46	2.86	2.18
	Max. Heating Capacity 5°F Btu/hr	9,000	10,000	15,000
	Max. Heating Capacity -22°F Btu/hr	4,000	4,000	9,000
	Rated Power Input W	1,010	1,480	2,400
HSPF	10.0	10.0	9.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Airflow CFM (Turbo/High/Med/Low/Quiet)	264/235/205/176/147	294/264/235/205/176	341/311/282/252/223
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	40/36/32/25/20	42/38/34/26/21	46/42/37/33/28
	Drain Pipe Size O.D in	5/8	5/8	5/8
	Dimension: Height in (mm)	23.6 (600)	23.6 (600)	23.6 (600)
	Dimension: Width in (mm)	27.5 (700)	27.5 (700)	27.5 (700)
	Dimension: Depth in (mm)	8.3 (210)	8.3 (210)	8.3 (210)
	Weight Ship/Net - lbs (kg)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

The Endure Series will continuously operating heating at -31°F(-35°C).



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Key Features

- | | |
|--|--|
|  <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> |  <p>-31°F HEATING
Low ambient heating down to -31°F (-35°C)</p> |
|  <p>BASE PAN HEATER
Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures</p> |  <p>100% HEATING AT 5°F (-15°C)
Provides 100% heating at low ambient 5°F (-15°C)</p> |
|  <p>CONDENSATE PUMP
Built-in condensate pump included standard</p> |  <p>FRESH AIR
Unit design includes 4" round fresh air knock-out</p> |
|  <p>QUIET MODE
Minimizes indoor noise while maintaining comfort levels</p> |  <p>BLUE FIN
A hydrophilic aluminum fin, ensures condensing water flows smoothly</p> |
|  <p>WARM START
Ensures the fan will not blow cold air during heating mode startup</p> |  <p>TURBO MODE
Cools or heats the room quickly</p> |



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SINGLE ZONE MINI-SPLIT SOLUTIONS |



Compact Cassette Systems

Specifications

Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



	09URAB	12URAB	18URAB	
Outdoor Unit	ASH109URDSE	ASH112URDSE	ASH118URDSE	
UPC	0-84691-85906-2	0-84691-85907-9	0-84691-85908-6	
Indoor Unit	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA	
UPC	6-88057-40546-9	6-88057-40547-6	6-88057-40548-3	
Cooling	Rated Capacity Btu/hr	9,000	12,000	17,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 20,000
	Rated Power Input W	850	950	1,600
	SEER/EER	20/10.5	20/12.5	16/10.5
	Moisture Removal Pt./h	2.50	3.20	3.80
Heating	Heating Capacity Range Btu/hr	3100-18000	3100-21000	5100-22000
	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	18,000
	COP	2.97	2.64	2.23
	Max. Heating Capacity 5°F Btu/hr	9,000	11,000	17,000
	Max. Heating Capacity -22°F Btu/hr	4,000	5,000	11,000
	Rated Power Input W	1,100	1,460	2,300
HSPF	9.0	10.0	9.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Airflow CFM (Turbo/High/Med/Low/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	43/40/37/34/31	45/42/39/36/33	45/42/39/36/33
	Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4
	Dimension: Height in (mm)	10 1/4 (260)	10 1/4 (260)	10 1/4 (260)
	Dimension: Width in (mm)	22 7/16 (570)	22 7/16 (570)	22 7/16 (570)
	Dimension: Depth in (mm)	22 7/16 (570)	22 7/16 (570)	22 7/16 (570)
	Weight Ship/Net - lbs (kg)	43.9/34 (19.9/15.4)	48.5/40.8 (22/18.5)	48.5/40.8 (22/18.5)
	Condensate Pump	Standard	Standard	Standard
	Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)
	Model Number	PB-700KB	PB-700KB	PB-700KB
Grille Model (Sold Separately)	Dimension: Height in (mm)	2 3/8 (60)	2 3/8 (60)	2 3/8 (60)
	Dimension: Width in (mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)
	Dimension: Depth in (mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)
	Weight Ship/Net - lbs (kg)	10.6/6.2 (4.8/2.8)	10.6/6.2 (4.8/2.8)	10.6/6.2 (4.8/2.8)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

The Endure Series will continuously operating heating at -31°F(-35°C).