

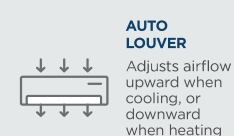
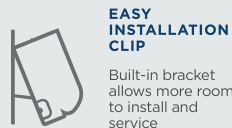
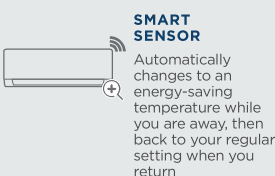
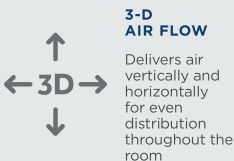
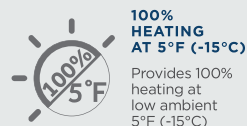
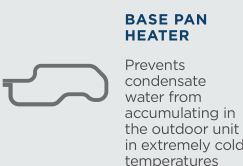
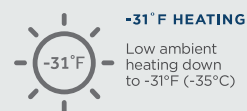


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Our premier Endure Series inverter heat pumps can effectively reduce your energy costs while maintaining an ideal comfort level. The integration of HeatPlus technology provides exceptional year-round comfort with 100% rated heating capacity at 5°F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

Key Features



SINGLE ZONE MINI-SPLIT SOLUTIONS |



Highwall Systems

Specifications

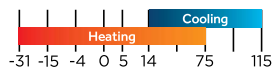
Compressor Type:

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./hr	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).

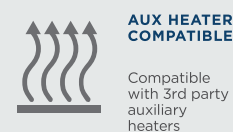
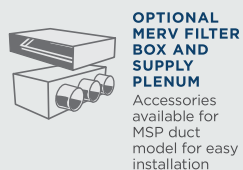
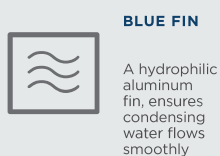
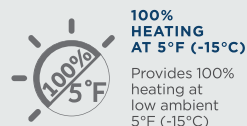
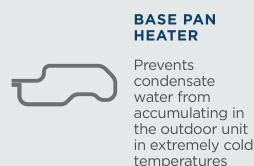
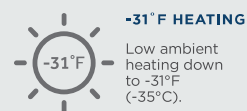


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Key Features



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):



WIFI
Built-in WiFi



WIFI
Built-in WiFi



WIFI
Built-in WiFi

		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./hr	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	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).

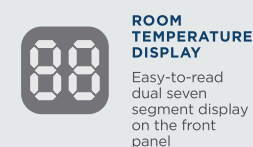
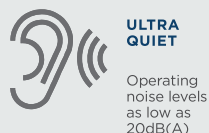
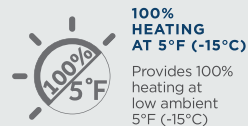
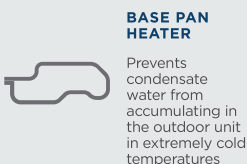
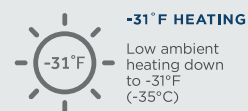


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Key Features



SINGLE ZONE MINI-SPLIT SOLUTIONS |



Console Systems

Specifications

Compressor Type:

DC Inverter Driven Rotary

Voltage/Cycle/Phase:

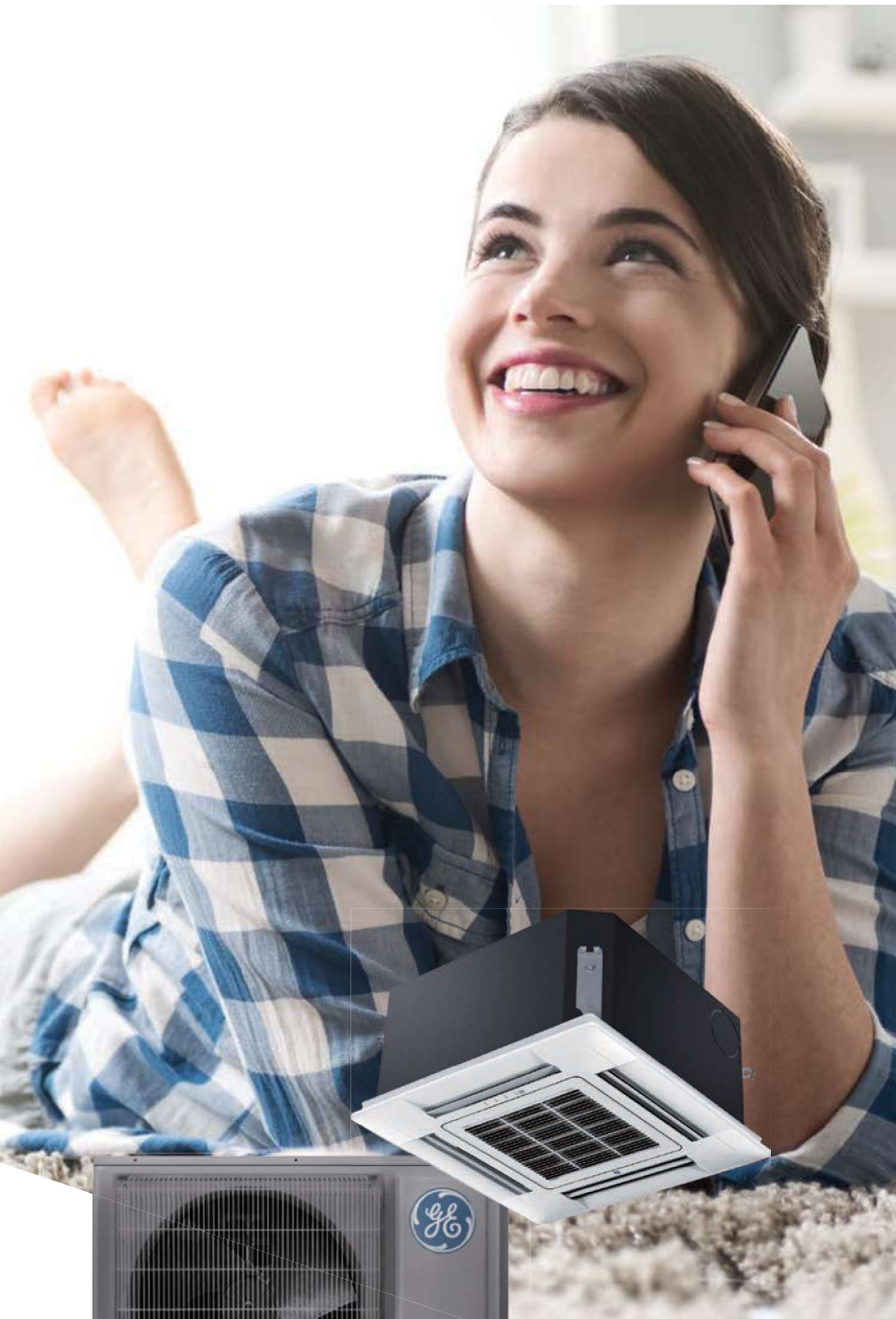
208-230/60/1

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./hr	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
Outdoor Unit	HSPF	10.0	10.0	9.0
	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)
Indoor Unit	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)
	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)
Refrigerant Lines	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)
	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

DC INVERTER 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)
 CONDENSATE PUMP Built-in condensate pump included standard	 FRESH AIR Unit design includes 4" round fresh air knock-out
 QUIET MODE Minimizes indoor noise while maintaining comfort levels	 BLUE FIN A hydrophilic aluminum fin, ensures condensing water flows smoothly
 WARM START Ensures the fan will not blow cold air during heating mode startup	 TURBO MODE Cools or heats the room quickly

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./hr	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)
Grille Model (Sold Seperately)	Model Number	PB-700KB	PB-700KB	PB-700KB
	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).