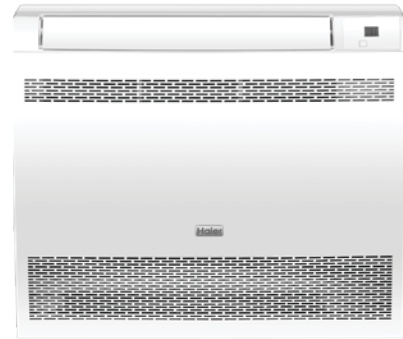


# Haier

## Single Zone Ductless Heat Pump Systems



# Single Zone Systems



## Highwall Systems



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

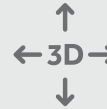
### Key Features\*



**A-PAM DC INVERTER**  
Latest high efficiency DC inverter technology



**-31°F HEATING\*\***  
Low ambient heating down to -31°F (-35°C).



**3-D AIR FLOW**  
Delivers air vertically and horizontally for even distribution throughout the room



**EASY INSTALLATION CLIP**  
Built-in bracket allows more room to install and service



**BLUE FIN**  
A hydrophilic aluminum fin, ensures condensing water flows smoothly



**QUIET MODE**  
Minimizes indoor noise while maintaining comfort levels



**WARM START**  
Ensures the fan will not blow cold air during heating mode startup



**2-WAY PIPING DRAIN**  
Right or left side drain configuration simplifies installation



**TURBO MODE**  
Cools or heats the room quickly



**AUTO LOUVER**  
Adjusts airflow upward when cooling, or downward when heating



**60+ FT LONG DISTANCE AIR SUPPLY**  
Optimized fan motor and blower design enables up to 60 feet of air flow



**BASE PAN HEATER**  
Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures



**100% HEATING AT 5°F**  
Provides 100% heating at low ambient 5°F (-15°C)



**SMART SENSOR**  
Automatically changes to an energy-saving temperature while you are away, then back to your regular setting when you return.



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



\*Features vary by individual models.

\*\*Applies to 9K-18K models only

## Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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



	09EHAW	12EHAW	18EHAW	24LPAW	30LPAW	36LPAW	
<b>Outdoor</b>	1U09EH2HEB	1U12EH2HEB	1U18EH2HEB	1U24LP2HDA	1U3036LP2HDA	1U3036LP2HDA	
UPC	084691920472	084691920489	084691920496	084691882275	084691882282	084691882282	
<b>Indoor</b>	AW09EH2HEB	AW12EH2HEB	AW18EH2HEB	AW24TL2HFA	AW30TL2HFA	AW36TL2HFA	
UPC	084691932703	084691932758	084691932741	084691882534	084691882541	084691882558	
<b>Cooling</b>	Rated Capacity Btu/hr	9,000	12,000	17,800	24,000	30,000	32,400
	Capacity Range Btu/hr	3,100-12,000	3,100-15,000	8,500-21,000	6,000-26,000	7,000-34,000	7,200-36,000
	SEER2	30.0	27.5	23.0	21.0	19.0	18.0
	EER2	16.0	15.0	13.0	11.0	8.8	8.2
	Moisture Removal Pt./hr	2.5	3.4	4.2	6.33	7.78	7.92
<b>Heating</b>	Heating Capacity Range Btu/hr	3,100-20,000	3,100-22,000	8,700-27,000	4,000-28,500	6,000-32,500	6,500-38,000
	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000	26,000	32,000	37,000
	Max. Heating Capacity 5°F Btu/hr	10,600	14,900	18,000	22,000	25,800	26,200
	COP @ 5°F	1.90	1.9	1.9	1.8	1.8	1.8
	HSPF2 (IV)/HSPF2 (V)	14.0/10.0	12.5/10.0	12.0/9.0	10.0/8.0	9.0/7.3	9.0/7.3
<b>Operating Range</b>	Cooling w/o Wind Baffle °F(°C)	-	-	-	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling w/Wind Baffle °F(°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)
	Heating °F (°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)	-15°F-75°F (-26-46°C)	-15°F-75°F (-26-46°C)	-15°F-75°F (-26-46°C)
<b>Outdoor Unit</b>	Maximum Fuse Size A	15	20	30	25	30	30
	Minimum Circuit Amp A	13	14	20	21	26	26
	Outdoor Noise Level dB	56	56	56	60	60	60
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)	37 7/8 (965)	37 7/8 (965)	37 7/8 (965)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)	14 5/8 (370)	14 5/8 (370)	14 5/8 (370)
	Carton Dimension: Height in (mm)	30 3/4 (780)	30 3/4 (780)	33 3/16 (843)	46 3/8 (1175)	46 3/8 (1175)	46 3/8 (1175)
	Carton Dimension: Width in (mm)	42 3/8 (1076)	42 3/8 (1076)	42 3/4 (1085)	41 3/8 (1050)	41 3/8 (1050)	41 3/8 (1050)
	Carton Dimension: Depth in (mm)	18 1/8 (460)	18 1/8 (460)	19 1/8 (487)	19 1/8 (485)	19 1/8 (485)	19 1/8 (485)
	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)	196/158 (89/72)	196/158 (89/72)	196/158 (89/72)
	Base Pan Heater	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	<b>Indoor Unit</b>	Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)	546/433/340/250/235	580/524/430/334/324	636/531/426/320/259	810/750/635/520/440	875/810/660/520/440
Heating Airflow CFM (Turbo/High/Med/Low/Quiet)		546/443/352/264/240	597/524/430/344/324	636/541/436/330/259			
Cooling Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)		1250/980/815/650/610	1200/1100/900/700/650	1250/1050/925/800/700	1150/1100/950/800/700	1200/1150/975/800/700	1250/1200/1000/800/700
Heating Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)		1200/980/840/700/610	1240/1000/850/700/600	1150/1050/925/800/650			
Indoor Sound Level dB Cooling (Turbo/High/ Med/Low/Quiet)		45/39/36/31/25	46/42/37/31/27	47/41/38/35/29	53/52/47/42/38	55/53/49/43/38	56/54/50/44/40
Indoor Sound Level dB Heating (Turbo/High/ Med/Low/Quiet)		48/46/39/36/28	48/45/39/32/28	51/47/44/38/32			
Dimension: Height in (mm)		12 7/8 (327)	12 7/8 (327)	13 1/4 (337)	14 1/2 (365)	14 1/2 (365)	14 1/2 (365)
Dimension: Width in (mm)		39 3/4 (1009)	39 3/4 (1009)	44 3/8 (1126)	51 7/8 (1316)	51 7/8 (1316)	51 7/8 (1316)
Dimension: Depth in (mm)		8 3/4 (223)	8 3/4 (223)	9 1/16 (230)	10 7/8 (275)	10 7/8 (275)	10 7/8 (275)
Carton Dimension: Height in (mm)		16 (405)	16 (405)	16 1/2 (418)	18 7/8 (478)	18 7/8 (478)	18 7/8 (478)
Carton Dimension: Width in (mm)		42 3/4 (1085)	42 3/4 (1085)	47 1/2 (1206)	55 7/8 (1418)	55 7/8 (1418)	55 7/8 (1418)
Carton Dimension: Depth in (mm)		11 5/8 (296)	11 5/8 (296)	13 1/2 (342)	15 7/8 (402)	15 7/8 (402)	15 7/8 (402)
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)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)
Drainpipe Size O.D. in	5/8	5/8	5/8	3/4	3/4	3/4	
<b>Refrigerant Lines</b>	Line Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)	3/8 (5/8)	3/8 (5/8)	3/8 (5/8)
	IDU Flare Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)	3/8 (5/8)	3/8 (5/8)	3/8 (5/8)
	ODU Port Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)
	Lineset Adapter Required	None	None	None	None	3/4 to 5/8*	3/4 to 5/8*
	Refrigerant (Factory Charge Oz.)	R410A (56.8)	R410A (62.1)	R410A (82.9)	R410A (85.0)	R410A (88.0)	R410A (88.0)
	Max. Line Length/Height Ft (mm)	50/33 (15/10)	50/33 (15/10)	83/50 (25/15)	165/100 (50/30)	165/100 (50/30)	165/100 (50/30)

The Arctic Series 9/12/18K BTU models will continuously operate heating at -31°F(-35°C).

\*Adapter shipped with outdoor unit. Install on outdoor unit.

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

# Single Zone Systems



## Console Systems



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

### 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)
- BLUE FIN**  
 A hydrophilic aluminum fin, ensures condensing water flows smoothly
- ULTRA QUIET**  
 Operating noise levels as low as 20dB(A)
- WARM START**  
 Ensures the fan will not blow cold air during heating mode startup
- TURBO MODE**  
 Cools or heats the room quickly
- AIRFLOW DIRECTION CONTROL**  
 Allows user to select preferred airflow direction
- 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)
- ROOM TEMPERATURE DISPLAY**  
 Easy-to-read dual seven segment display on the front panel

\*Features vary by individual models.



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



## Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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



	09EHYF	12EHYF	18EHYF	
<b>Outdoor</b>	<b>1U09EH2HEB</b>	<b>1U12EH2HEB</b>	<b>1U18EH2HEB</b>	
UPC	084691920472	084691920489	084691920496	
<b>Indoor</b>	<b>USYF09UCDWA</b>	<b>USYF12UCDWA</b>	<b>USYF18UCDWA</b>	
UPC	0-84691851523	0-84691851530	084691-851547	
<b>Cooling</b>	Rated Capacity Btu/hr	9,000	11,600	14,800
	Capacity Range Btu/hr	3,100-12,000	3,100-13,600	6,500-18,000
	SEER2	20.0	20.0	17.0
	EER2	11.0	12.5	10.0
	Moisture Removal Pt./hr	2.5	3.2	3.8
<b>Heating</b>	Heating Capacity Range Btu/hr	3,100-18,000	3,100-21,000	5,100-20,000
	Rated Heating Capacity 47°F Btu/hr	10,000	12,800	17,800
	Max. Heating Capacity 5°F Btu/hr	7,700	9,000	13,300
	COP @ 5°F	1.50	1.45	1.40
	HSPF2 (IV)/HSPF2 (V)	8.5/6.4	8.5/6.4	8.5/6.6
<b>Operating Range</b>	Cooling °F (°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)
	Heating °F (°C)	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)	-31~75°F (-35~24°C)
<b>Outdoor Unit</b>	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	56	56	56
	Dimension: H x W x D in (mm)	27 1/2 x 35 x 13 7/8 (697 x 890 x 353)	27 1/2 x 35 x 13 7/8 (697 x 890 x 353)	30 x 36 1/4 x 15 1/8 (762 x 920 x 385)
	Carton Dimension: H x W x D in (mm)	30 3/4 x 42 3/8 x 18 1/8 (780 x 1076 x 460)	30 3/4 x 42 3/8 x 18 1/8 (780 x 1076 x 460)	33 3/16 x 42 3/4 x 19 1/8 (843 x 1085 x 487)
	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)
<b>Indoor Unit</b>	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM (Turbo/High/Med/Low/Quiet)	264/235/205/176/147	294/264/235/205/176	341/311/282/252/223
	Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	650/560/480/410/360	700/590/510/440/390	800/710/630/560/510
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	43/40/37/34/31	45/42/39/36/33	49/46/43/40/37
	Dimension: H x W x D in (mm)	23 3/4 x 27 1/2 x 8 1/4 (600 x 700 x 210)	23 3/4 x 27 1/2 x 8 1/4 (600 x 700 x 210)	23 3/4 x 27 1/2 x 8 1/4 (600 x 700 x 210)
	Carton Dimension: H x W x D in (mm)	27 1/2 x 30 3/4 x 12 (695 x 783 x 303)	27 1/2 x 30 3/4 x 12 (695 x 783 x 303)	27 1/2 x 30 3/4 x 12 (695 x 783 x 303)
	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)
	Drain Pipe Size O.D in	5/8	5/8	5/8
<b>Refrigerant Lines</b>	Line Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)
	IDU Flare Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)
	ODU Port Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)
	Lineset Adapter Required	1/2 to 3/8*	1/2 to 3/8*	None
	Refrigerant (Factory Charge Oz.)	R410A (56.8)	R410A (62.1)	R410A (82.9)
	Max. Line Length/Height Ft (mm)	50/33 (15/10)	50/33 (15/10)	83/50 (25/15)

The Arctic Series 9/12/18K BTU models will continuously operate heating at -31°F(-35°C).  
Cooling below 23°F (-5°C) requires wind baffle.

\*Adapter shipped with outdoor unit. Install on outdoor unit.

# Single Zone Systems



## Ducted Systems



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

### Key Features\*

**A-PAM DC INVERTER**  
Latest high efficiency DC inverter technology

**-31°F HEATING\*\***  
Low ambient heating down to -31°F (-35°C).

**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

**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)

**COMPACT DESIGN**  
Less than 10" height saves ceiling space

**CONDENSATE PUMP**  
Built-in condensate pump included standard

**0.6\"/>**

**OPTIONAL MERV FILTER BOX AND SUPPLY PLENUM**  
Accessories available for MSP duct model for easy installation

**AUX HEATER COMPATIBLE**  
Compatible with 3rd party auxiliary heaters

**FRESH AIR**  
Unit design includes 4\"/>

\*Features vary by individual models.  
\*\*Applies to 9K-18K models only



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



# Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

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



	09EHYM	12EHYM	18EHYM	24LPYM	30LPYM	36LPYM	42LPYM	48LPYM
<b>Outdoor</b>	1U09EH2HEB	1U12EH2HEB	1U18EH2HEB	1U24LP2HDA	1U3036LP2HDA	1U3036LP2HDA	1U4248LP2HDA	1U4248LP2HDA
<b>UPC</b>	084691920472	084691920489	084691920496	084691882275	084691882282	084691882282	084691882299	084691882299
<b>Indoor</b>	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	USYM24UCDDA	USYM30UCDDA	USYM36UCDDA	USYM42UCDDA	USYM48UCDDA
<b>UPC</b>	084691851554	084691851561	084691851578	084691891895	084691882343	084691882350	084691882367	084691882374
<b>Cooling</b>								
Rated Capacity Btu/hr	9,000	12,000	18,000	24,000	30,000	34,000	42,000	46,000
Capacity Range Btu/hr	3,100-12,000	3,100-13,600	6,500-23,200	7,200-26,000	12,000-32,000	12,000-35,000	10,000-43,000	9,500-47,000
SEER2	18.0	18.0	16.2	16.5	15.2	15.0	15.2	15.2
EER2	11.5	11.7	10.5	9.5	9.0	8.0	7.8	7.3
Moisture Removal Pt./hr	2.5	3.2	3.8	9.6	9.6	9.6	11.0	11.0
<b>Heating</b>								
Heating Capacity Range Btu/hr	3,100-18,000	3,100-21,000	5,100-24,000	4,000-28,500	6,500-32,500	6,500-38,000	10,000-46,500	10,000-49,000
Rated Heating Capacity 47°F Btu/hr	10,000	14,800	20,000	26,000	32,000	36,000	45,000	48,000
Max. Heating Capacity 5°F Btu/hr	9,800	11,500	17,200	20,000	23,800	25,600	36,800	35,600
COP @ 5°F	1.75	1.42	1.46	1.8	1.8	1.8	1.75	1.75
HSPF2 (IV)/HSPF2 (V)	9.5/7.6	8.5/6.7	8.1/6.4	8.1/6.9	9.0/7.3	9.0/7.3	8.7/7.1	8.8/7.1
<b>Operating Range</b>								
Cooling w/o Wind Baffle °F (°C)	-	-	-	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
Cooling w/Wind Baffle °F (°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)
Heating °F (°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)
<b>Outdoor Unit</b>								
Maximum Fuse Size A	15	20	30	25	30	30	40	40
Minimum Circuit Amp A	13	14	20	21	26	26	35	35
Outdoor Noise Level dB	56	56	56	60	60	60	60	60
Dimension: H x W x D in (mm)	27 1/2 x 35 x 13 7/8 (697 x 890 x 353)		30 x 36 1/4 x 15 1/8 (762 x 920 x 385)		37 7/8 x 37 1/2 x 14 5/8 (965 x 950 x 370)		53 1/8 x 37 1/2 x 14 5/8 (1350 x 950 x 370)	
Carton Dimension: H x W x D in (mm)	30 3/4 x 42 3/8 x 18 1/8 (780 x 1076 x 460)		33 3/16 x 42 3/4 x 19 1/8 (843 x 1085 x 487)		46 3/8 x 41 3/8 x 19 1/8 (1175 x 1050 x 485)		61 3/4 x 41 3/8 x 19 1/8 (1568 x 1050 x 485)	
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)	196/158 (89/72)	196/158 (89/72)	196/158 (89/72)	262/216 (119/98)	262/216 (119/98)
Base Pan Heater	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
Airflow CFM (Turbo/High/Med/Low/Quiet)	424/353/294/235/176	494/424/353/294/235	735/635/541/470/400	927/844/667/564/482	1236/1130/953/812/688	1236/1130/953/812/688	1412/1353/1141/965/847	1412/1353/1141/965/847
Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	880/800/720/640/560	950/870/780/680/600	880/820/760/700/640	1070/1030/880/790/740	1010/970/850/760/700	1010/970/850/760/700	1140/1120/980/860/800	1140/1120/980/860/800
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36	44/43/42/40/38	46/45/41/38/36	46/45/41/38/36	49/48/45/42/40	49/48/45/42/40
<b>Indoor Unit</b>								
Dimension: H x W x D in (mm)	9 3/4 x 27 1/2 x 27 1/2 (248 x 700 x 700)		9 3/4 x 43 1/4 x 27 1/2 (248 x 1100 x 700)	9 7/8 x 43 3/8 x 37 5/8 (248 x 1100 x 700)		9 7/8 x 59 1/8 x 37 5/8 (248 x 1500 x 700)		
Carton Dimension: H x W x D in (mm)	13 1/2 x 37 1/2 x 35 1/2 (340 x 950 x 900)		13 1/2 x 46 x 33 3/4 (340 x 1170 x 860)	13 7/8 x 52 x 34 1/8 (350 x 1319 x 866)		13 7/8 x 67 3/8 x 34 1/8 (350 x 1710 x 866)		
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)	121.3/92.6 (55/42)	159/119 (72/54)	159/119 (72/54)	159/119 (72/54)	159/119 (72/54)
Max. External Static Pressure in.W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)
Internal Condensate Pump	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Drain Pipe Size O.D in	5/8	5/8	5/8	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Max. Drain-lift height in (mm)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)
<b>Refrigerant Lines</b>								
Line Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
IDU Flare Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
ODU Port Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
Lineset Adapter Required	1/2 to 3/8*	1/2 to 3/8*	None	None	None	None	None	None
Refrigerant (Factory Charge Oz.)	R410A (56.8)	R410A (62.1)	R410A (82.9)	R410A (85.0)	R410A (88.0)	R410A (88.0)	R410A (141.0)	R410A (141.0)
Max. Line Length/Height Ft (mm)	50/33 (15/10)	50/33 (15/10)	83/50 (25/15)	165/100 (50/30)	165/100 (50/30)	165/100 (50/30)	230/100 (70/30)	230/100 (70/30)

The Arctic Series 9/12/18K BTU models will continuously operate heating at -31°F(-35°C).  
Cooling below 23°F (-5°C) requires wind baffle.

\*Adapter shipped with outdoor unit. Install on outdoor unit.

# Single Zone Systems



## Compact Cassette Systems



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

### 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).
- BLUE FIN**

A hydrophilic aluminum fin, ensures condensing water flows smoothly

**QUIET MODE**

Minimizes indoor noise while maintaining comfort levels
- WARM START**

Ensures the fan will not blow cold air during heating mode startup

**TURBO MODE**

Cools or heats the room quickly
- 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

\*Features vary by individual models.



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



## Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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



	09EHAB	12EHAB	18EHAB	
<b>Outdoor</b>	<b>1U09EH2HEB</b>	<b>1U12EH2HEB</b>	<b>1U18EH2HEB</b>	
<b>UPC</b>	084691920472	084691920489	084691920496	
<b>Indoor</b>	<b>AB09SC2VHA</b>	<b>AB12SC2VHA</b>	<b>AB18SC2VHA</b>	
<b>UPC</b>	688057405469	688057405476	688057405483	
<b>Cooling</b>	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
	SEER2	20.0	20.5	16.0
	EER2	10.5	12.5	10.6
	Moisture Removal Pt./hr	2.5	3.2	3.8
<b>Heating</b>	Heating Capacity Range Btu/hr	3,100-18,000	3,100-21,000	5,100-22,000
	Rated Heating Capacity 47°F Btu/hr	10,000	12,400	18,000
	Max. Heating Capacity 5°F Btu/hr	7,200	8,700	13,600
	COP @ 5°F	1.50	1.80	1.45
	HSPF2 (IV)/HSPF2 (V)	8.2/6.3	8.5/6.5	8.0/6.3
<b>Operating Range</b>	Cooling °F (°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)
	Heating °F (°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)	-31-75°F (-35-24°C)
<b>Outdoor Unit</b>	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	56	56	56
	Dimension: H x W x D in (mm)	27 1/2 x 35 x 13 7/8 (697 x 890 x 353)	27 1/2 x 35 x 13 7/8 (697 x 890 x 353)	30 x 36 1/4 x 15 1/8 (762 x 920 x 385)
	Carton Dimension: H x W x D in (mm)	30 3/4 x 42 3/8 x 18 1/8 (780 x 1076 x 460)	30 3/4 x 42 3/8 x 18 1/8 (780 x 1076 x 460)	33 3/16 x 42 3/4 x 19 1/8 (843 x 1085 x 487)
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)	
<b>Indoor Unit</b>	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM (Turbo/High/Med/Low/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252
	Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	830/760/690/620/560	830/760/690/620/560	850/800/760/680/590
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/40/36/32/25	42/40/36/32/25	45/42/40/36/32
	Dimension: H x W x D in (mm)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)
	Carton Dimension: H x W x D in (mm)	15 x 28 1/4 x 26 3/4 (380 x 718 x 680)	15 x 28 1/4 x 26 3/4 (380 x 718 x 680)	15 x 28 1/4 x 26 3/4 (380 x 718 x 680)
	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
	Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4
	Max. Drain-Lift height in(mm)	19 5/8 (498)	19 5/8 (498)	19 5/8 (498)
<b>Grille (Sold Separately)</b>	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)
<b>Refrigerant Lines</b>	Line Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)
	IDU Flare Size: Liquid (Suction) in.	1/4 (3/8)	1/4 (3/8)	1/4 (1/2)
	ODU Port Size: Liquid (Suction) in.	1/4 (1/2)	1/4 (1/2)	1/4 (1/2)
	Lineset Adapter Required	1/2 to 3/8*	1/2 to 3/8*	None
	Refrigerant (Factory Charge Oz.)	R410A (56.8)	R410A (62.1)	R410A (82.9)
Max. Line Length/Height Ft (mm)	50/33 (15/10)	50/33 (15/10)	83/50 (25/15)	

The Arctic Series 9/12/18K BTU models will continuously operate heating at -31°F(-35°C).

\*Adapter shipped with outdoor unit. Install on outdoor unit.

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

# Single Zone Systems



## Large Cassette Systems



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

### Key Features\*

- DC INVERTER**  
**A-PAM DC INVERTER**  
Latest high efficiency DC inverter technology
- 15°F HEATING**  
Low ambient heating down to -15°F (-26°C).
- BLUE FIN**  
A hydrophilic aluminum fin, ensures condensing water flows smoothly
- QUIET MODE**  
Minimizes indoor noise while maintaining comfort levels
- WARM START**  
Ensures the fan will not blow cold air during heating mode startup
- TURBO MODE**  
Cools or heats the room quickly
- BASE PAN HEATER**  
Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures
- WIFI ENABLED**  
**WIFI** Built in WiFi gives homeowners access to SmartHQ Home
- CONDENSATE PUMP**  
Built-in condensate pump included standard
- FRESH AIR**  
Unit design includes 4" round fresh air knock-out

\*Features vary by individual models.



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

# Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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



	24LPYL	30LPYL	36LPYL	42LPYL	48LPYL	
<b>Outdoor</b>	<b>1U24LP2HDA</b>	<b>1U3036LP2HDA</b>	<b>1U3036LP2HDA</b>	<b>1U4248LP2HDA</b>	<b>1U4248LP2HDA</b>	
<b>UPC</b>	084691882275	084691882282	084691882282	084691882299	084691882299	
<b>Indoor</b>	<b>USYL24UCDDA</b>	<b>USYL30UCDDA</b>	<b>USYL36UCDDA</b>	<b>USYL42UCDDA</b>	<b>USYL48UCDDA</b>	
<b>UPC</b>	084691882381	084691882398	084691882404	084691882411	084691882428	
<b>Cooling</b>	Rated Capacity Btu/hr	24,000	30,000	36,000	42,000	
	Capacity Range Btu/hr	11,000-26,000	11,500-31,500	11,500-37,000	11,500-43,000	12,000-48,000
	SEER2/EER2	19.0/11.0	18.0/10.6	18.0/9.5	18.0/8.7	17.0/8.0
	Moisture Removal Pt./hr	6.9	9.8	9.8	12.0	12.0
<b>Heating</b>	Rated Heating Capacity 47°F Btu/hr	26,000	31,000	37,000	44,000	47,000
	Max. Heating Capacity 5°F Btu/hr	19,000	26,800	26,600	32,800	33,000
	COP @ 5°F	1.8	1.8	1.8	1.75	1.65
	Heating Capacity Range Btu/hr	6,800-27,000	5,500-33,000	5,500-38,000	9,000-46,000	9,000-48,000
<b>Operating Range</b>	HSPF2 (IV)/HSPF2 (V)	8.6/7.1	9.2/7.4	9.0/7.3	8.5/6.8	8.5/6.9
	Cooling w/o Wind Baffle °F (°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)	23°F-115°F (-5-46°C)
	Cooling w/Wind Baffle °F (°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)	-4°F-115°F (-20-46°C)
<b>Outdoor Unit</b>	Heating °F (°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)	-15°F-75°F (-26-4°C)
	Maximum Fuse Size A	25	30	30	40	40
	Minimum Circuit Amp A	21	26	26	35	35
	Dimension: Height in (mm)	37 7/8 (965)	37 7/8 (965)	37 7/8 (965)	53 1/8 (1350)	53 1/8 (1350)
	Dimension: Width in (mm)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)
	Dimension: Depth in (mm)	14 5/8 (370)	14 5/8 (370)	14 5/8 (370)	14 5/8 (370)	14 5/8 (370)
	Carton Dimension: H x W x D in (mm)	46 3/8 (1175) x 41 3/8 (1050) x 19 1/8 (485)			61 3/4 (1568) x 41 3/8 (1050) x 19 1/8 (485)	
	Weight Ship/Net - lbs (kg)	196/158 (89/72)	196/158 (89/72)	196/158 (89/72)	262/216 (119/98)	262/216 (119/98)
	Base Pan Heater	Built-in	Built-in	Built-in	Built-in	Built-in
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
<b>Indoor Unit</b>	Airflow CFM (Turbo/High/Med/Low)	824/752/587/482	967/871/780/710	967/871/780/710	1236/967/830/740	1236/967/830/740
	Indoor Motor Speed RPM (Turbo/High/Med/Low)	580/540/430/360	730/650/550/450	730/650/550/450	800/730/600/500	800/730/600/500
	Indoor Sound Level dB (Turbo/High/Med/Low)	46/44/39/37	51/50/48/46	51/50/48/46	54/51/48/46	54/51/48/46
	Dimension: Height in (mm)	9 3/4 (246)	11 3/8 (288)	11 3/8 (288)	11 3/8 (288)	11 3/8 (288)
	Dimension: Width in (mm)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
	Dimension: Depth in (mm)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
	Carton Dimension: H x W x D in (mm)	13 7/8 x 38 5/8 x 38 5/8 (350 x 980 x 980)	15 1/2 x 38 5/8 x 38 5/8 (390 x 980 x 980)	15 1/2 x 38 5/8 x 38 5/8 (390 x 980 x 980)	15 1/2 x 38 5/8 x 38 5/8 (390 x 980 x 980)	15 1/2 x 38 5/8 x 38 5/8 (390 x 980 x 980)
	Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
	Internal Condensate Pump	Standard	Standard	Standard	Standard	Standard
	Max. Drain-Lift height in(mm)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)
Weight Ship/Net - lbs	90/63 (41/29)	94/67 (43/30)	94/67 (43/30)	94/67 (43/30)	94/67 (43/30)	
<b>Grille</b>	Model Number	PB-950KD	PB-950KD	PB-950KD	PB-950KD	
	Line Size: Liquid (Suction) in.	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
<b>Refrigerant Lines</b>	IDU Flare Size: Liquid (Suction) in.	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
	ODU Port Size: Liquid (Suction) in.	3/8 (5/8)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)	3/8 (3/4)
	Lineset Adapter Required	None	None	None	None	None
	Refrigerant (Factory Charge Oz.)	R410A (85.0)	R410A (88.0)	R410A (88.0)	R410A (141.0)	R410A (141.0)
	Max. Line Length/Height Ft (mm)	165/100 (50/30)	165/100 (50/30)	165/100 (50/30)	230/100 (70/30)	230/100 (70/30)

The Arctic Series 9/12/18K BTU models will continuously operate heating at -31°F(-35°C).  
Cooling below 23°F (-5°C) requires wind baffle.

# Your customers turn to you for great results, so offer them the performance and support you can only get from Haier!

## Limited Warranty

At Haier we take pride in our workmanship, which is why we offer one of the best warranties in the industry. Standard coverage is a 5-year limited warranty on the compressor and a 5-year limited warranty on parts. Our Tempo, Advanced, Advanced Plus, Arctic and all FlexFit Series systems qualify for a 10-year limited warranty on both the compressor and parts. Equipment must be registered for this extended coverage within 60 days of installation. To register your equipment go to:  
[www.haierappliances.com/support/register-ductless](http://www.haierappliances.com/support/register-ductless)

## Training

We're with you every step of the way, from theory to application. Through the Haier HVAC Training Center, we teach distributors and contractors everything from service to installation to sales. For those who prefer to learn in the field, our Regional Training Program matches professionals with experienced trainers.

## Support

You can always rely on Haier to guide you through warranty processing, parts ordering, product installation, technical documentation and more.

For more info visit us:



[geappliancesairandwater.com](http://geappliancesairandwater.com)

Pub No. 26-H2307 Rev. 11-01-23  
©Copyright 2023 GE Appliances, a Haier Company.  
Our continued commitment to quality products may mean a change in specifications without notice.



**GE APPLIANCES**  
a Haier company



For more info visit:   