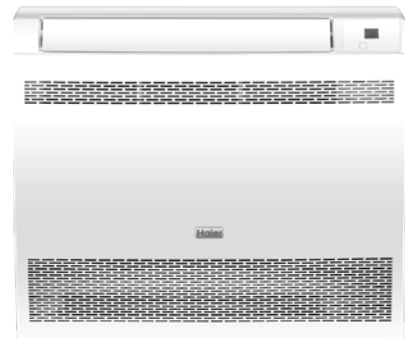


Haier

Single Zone Ductless Heat Pump Systems



GE APPLIANCES
a Haier company

AIR&WATER
SOLUTIONS

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.

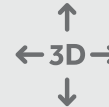
Key Features*

**DC
INVERTER**

**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



LONG DISTANCE AIR SUPPLY

Optimized fan
motor and blower
design enables us
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 (-15°C)

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



NEW 2023



	09EHAW	12EHAW	18EHAW	24LPAW	30LPAW	36LPAW
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	1U24LP2HDA	1U3036LP2HDA	1U3036LP2HDA
UPC	084691859031	084691859048	084691859055	084691882275	084691882282	084691882282
Indoor	AW09EH2VHD	AW12EH2VHD	AW18EH2VHD	AW24TL2HFA	AW30TL2HFA	AW36TL2HFA
UPC	084691850434	084691850458	084691850472	084691882534	084691882541	084691882558
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000	24,000	30,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 15,000	8,500 - 21,000	6,000-26,000	7,000-34,000
	SEER/SEER2	30.0/30.0	27.0/27.0	23.0/23.0	--/21.0	--/18.0
	EER/EER2	16.0/16.0	15.0/15.0	13.0/13.0	--/11.0	--/8.8
	Moisture Removal Pt./hr	2.50	3.40	4.20	6.33	7.78
Heating	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
	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000	26,000	32,000
	COP @ 47°F	3.5	3.0	3.1	3.5	2.7
	Max. Heating Capacity 5°F Btu/hr	12,000	17,000	20,000	22,000	25,800
	COP @ 5°F	2.1	2.3	2.3	1.8	1.8
	HSPF/HSPF2 (IV)/HSPF (V)	15.2/14.0/9.0	13.0/13.0/11.0	12.0/11.0/8.2	--/10.0/8.0	--/9.0/7.3
Operating Range	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)
	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)
Outdoor Unit	Maximum Fuse Size A	15	20	30	25	30
	Minimum Circuit Amp A	13	14	20	21	26
	Outdoor Noise Level dB	54	54	52	60	60
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)	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)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)	14 5/8 (370)	14 5/8 (370)
	Carton Dimension: Height in (mm)	31 1/2 (800)	31 1/2 (800)	34 (863)	46 3/8 (1175)	46 3/8 (1175)
	Carton Dimension: Width in (mm)	41 1/8 (1046)	41 1/8 (1046)	42 3/4 (1085)	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)
	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)
Indoor Unit	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
	Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)	583/383/324/264/240	597/524/430/344/324	636/541/436/330/259	810/750/635/520/440	875/810/660/520/440
	Heating Airflow CFM (Turbo/High/Med/Low/Quiet)	560/383/340/285/240	597/475/405/344/300	585/541/390/330/240		
	Cooling Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	1250/1100/750/650/610	1200/1100/900/700/650	1250/1050/950/800/700	1150/1100/950/800/700	1200/1150/975/800/700
	Heating Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	1200/1100/785/700/610	1200/1000/850/700/600	1150/1050/850/800/650		
	Indoor Sound Level dB (Turbo/High/ Med/Low/Quiet)	45/37/34/31/25	46/42/37/31/27	47/41/38/35/29	53/52/47/42/38	55/53/49/43/38
	Dimension: Height in (mm)	12 7/8 (327)	12 7/8 (327)	13 1/4 (337)	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)
	Dimension: Depth in (mm)	8 3/4 (223)	8 3/4 (223)	9 1/16 (230)	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)
	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)
	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)
	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)
	Drainpipe Size O.D. in	3/4	3/4	3/4	3/4	3/4
Refrigerant Lines	Connections	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4	3/8	3/8
	Suction O.D. in	1/2	1/2	1/2	5/8	3/4*
	Refrigerant	R410A	R410A	R410A	R410A	R410A
	Factory Charge Oz	56.8	62.1	82.9	85.0	88.0
	Maximum Line Length Ft/m	50/15	50/15	83/25	165/50	165/50
	Maximum Height Ft/m	33/10	33/10	50/15	100/30	100/30

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. Please refer to technical literature for model compatibility and instructions.

* Standard lineset size is 3/4", a 3/4" to 5/8" adapter will be shipped with outdoor unit for matching the indoor lineset size. Recommended to use adapter on the indoor side.

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*



**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
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
	Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE
	UPC	084691859031	084691859048	084691859055
	Indoor	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA
	UPC	084691851523	084691851530	084691851547
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
	SEER/SEER2	20.0/20.0	20.0/20.0	18.0/17.5
	EER/EER2	11.0/11.0	12.5/12.5	10.0/10.0
	Moisture Removal Pt./hr	2.50	3.20	3.80
Heating	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	12,500	17,800
	COP 47°F	2.9	2.5	2.2
	Max. Heating Capacity 5°F Btu/hr	9,000	10,000	15,000
	COP @ 5°F	1.9	1.8	1.8
	HSPF/HSPF2 (IV)/HSPF (V)	10.0/8.7/6.3	10.0/9.5/6.7	9.0/8.5/6.5
Operating Range	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)
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	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)	31 1/2 x 41 1/8 x 18 1/8 (800 x 1046 x 460)	31 1/2 x 41 1/8 x 18 1/8 (800 x 1046 x 460)	34 x 42 3/4 x 19 1/8 (863 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)
Indoor Unit	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 Sound Level dB (Turbo/High/Med/Low/Quiet)	40/36/32/25/20	42/38/34/26/21	46/42/37/33/28
	Dimension: H x W x D in (mm)	23 5/8 x 27 1/2 x 8 3/8 (600 x 700 x 210)	23 5/8 x 27 1/2 x 8 3/8 (600 x 700 x 210)	23 5/8 x 27 1/2 x 8 3/8 (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)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)
	Drain Pipe Size O.D in	5/8	5/8	5/8
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8 (See Note)	3/8 (See Note)	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

NOTE: Use 1/2 x 3/8 adapter shipped with outdoor unit)

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. Please refer to technical literature for model compatibility and instructions.

Single Zone Systems

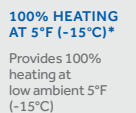
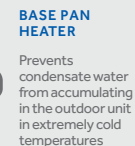
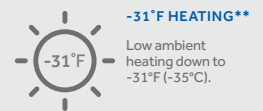


Ducted Systems



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*



*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



NEW 2023

	09EHYM	12EHYM	18EHYM	24LPYM	30LPYM	36LPYM	42LPYM	48LPYM
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	1U24LP2HDA	1U3036LP2HDA	1U3036LP2HDA	1U4248LP2HDA	1U4248LP2HDA
UPC	084691859031	084691859048	084691859055	084691882275	084691882282	084691882282	084691882299	084691882299
Indoor	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	USYM24UCDDA	USYM30UCDDA	USYM36UCDDA	USYM42UCDDA	USYM48UCDDA
UPC	084691851554	084691851561	084691851578	084691891895	084691882343	084691882350	084691882367	084691882374
Cooling								
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	95,000-47,000
SEER/SEER2	21.0/--	20.0/--	19.0/--	--/16.5	--/15.2	--/15.0	--/15.2	--/15.2
EER/EER2	12.5/--	12.5/--	11.5/--	--/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
Heating								
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	14,500	20,000	26,000	32,000	36,000	45,000	48,000
COP @ 47°F	3.2	2.8	3.1	3.2	4	2.9	2.7	2.4
Max. Heating Capacity 5°F Btu/hr	10,000	12,000	19,000	20,000	23,800	25,600	36,800	35,600
COP @ 5°F	1.9	1.9	1.8	1.8	1.8	1.8	1.75	1.75
HSPF/HSPF2 (IV)/HSPF (V)	11.0/--/--	10.5/--/--	10.0/--/--	--/8.1/6.9	--/9.0/7.3	--/9.0/7.3	--/8.7/7.1	--/8.8/7.1
Operating Range								
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)	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)
Outdoor Unit								
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	54	54	52	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)	31 1/2 x 41 1/8 x 18 1/8 (800 x 1046 x 460)		34 x 42 3/4 x 19 1/8 (863 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)	196/159 (89/ 72)	196/159 (89/ 72)	196/159 (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
Indoor Unit								
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
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 27 5/8 (248 x 1100 x 700)			
Carton Dimension: H x W x D in (mm)	13 1/4 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)		
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)	121/93 (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	1 1/4	1 1/4	1 1/4	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)	27 (686)	27 (686)	27 (686)	27 (686)	27 (686)
Refrigerant Lines								
Connections	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Liquid O.D. in	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8
Suction O.D. in	3/8 (See Note)	3/8 (See Note)	1/2	5/8	3/4*	3/4*	3/4*	3/4*
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Factory Charge Oz	56.8	62.1	82.9	85.0	88.0	88.0	141.0	141.0
Maximum Line Length Ft/m	50/15	50/15	83/25	165/50	165/50	165/50	230/70	230/70
Maximum Height Ft/m	33/10	33/10	50/15	100/30	100/30	100/30	100/30	100/30

NOTE: Use 1/2 x 3/8 adapter shipped with outdoor unit)

* Standard lineset size is 3/4", a 3/4" to 5/8" adapter will be shipped with outdoor unit for matching the indoor lineset size. Recommended to use adapter on the indoor side.

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. Please refer to technical literature for model compatibility and instructions.

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
-31°F
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)
100%
5°F
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
	Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE
	UPC	084691859031	084691859048	084691859055
	Indoor	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA
	UPC	688057405469	688057405476	688057405483
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
	SEER/SEER2	20.0/20.0	20.0/20.0	16.0/15.8
	EER/EER2	10.5/10.5	12.5/12.5	10.5/10.5
	Moisture Removal Pt./hr	2.50	3.20	3.80
Heating	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	13,000	18,000
	COP @ 47°F	2.7	2.6	2.3
	Max. Heating Capacity 5°F Btu/hr	9,000	11,000	17,000
	COP @ 5°F	1.8	1.8	1.8
	HSPF/HSPF2 (IV)/ HSPF2 (V)	9.0/7.9/6.0	10.0/9.0/6.7	9.0/8.1/6.4
Operating Range	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)
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	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)	31 1/2 x 41 1/8 x 18 1/8 (800 x 1046 x 460)	31 1/2 x 41 1/8 x 18 1/8 (800 x 1046 x 460)	34 x 42 3/4 x 19 1/8 (863 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)
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
	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)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)
Grille (Sold Separately)	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 (See Note)	3/8 (See Note)	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

NOTE: Use 1/2 x 3/8 adapter shipped with outdoor unit

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. Please refer to technical literature for model compatibility and instructions.

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
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.



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Specifications



Compressor Type:

DC Inverter Driven Rotary

Voltage/Cycle/Phase:

208-230/60/1



NEW 2023



		24LPYL	30LPYL	36LPYL	42LPYL	48LPYL
	Outdoor	1U24LP2HDA	1U3036LP2HDA	1U3036LP2HDA	1U4248LP2HDA	1U4248LP2HDA
	UPC	084691882275	084691882282	084691882282	084691882299	084691882299
	Indoor	USYL24UCDDA	USYL30UCDDA	USYL36UCDDA	USYL42UCDDA	USYL48UCDDA
	UPC	084691882381	084691882398	084691882404	084691882411	084691882428
Cooling	Rated Capacity Btu/hr	24,000	30,000	36,000	42,000	47,000
	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
Heating	Rated Heating Capacity 47°F Btu/hr	26,000	31,000	37,000	44,000	47,000
	COP @ 47°F	3.4	3.48	3.17	2.71	2.35
	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
	HSPF2 (IV)/HSPF (V)	8.6/7.1	9.2/7.4	9.0/7.3	8.5/6.8	8.5/6.9
Operating Range	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)
	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)
Outdoor Unit	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)	196/159 (89/72)	196/159 (89/72)	196/159 (89/72)	262/216 (119/98)	262/216 (119/98)
	Base Pan Heater	Built-in	Built-in	Built-in	Built-in	
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM (Turbo/High/Med/Low/Quiet)	880/824/752/587/482	1034/967/871/780/710	1034/967/871/780/710	1282/1236/967/830/740	1282/1236/967/830/740
	Indoor Motor Speed RPM (Turbo/High/Med/Low/Quiet)	620/580/540/430/360	800/730/650/550/450	800/730/650/550/450	830/800/730/600/500	830/800/730/600/500
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	48/46/44/39/37	54/51/50/48/46	54/51/50/48/46	55/54/51/48/46	55/54/51/48/46
	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 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
	Dimension: Depth in (mm)	33 1/8 (840)	33.1 (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	90/64 (41/29)	95/66 (43/30)	95/66 (43/30)	95/66 (43/30)	95/66 (43/30)
Grille	Model Number	PB-950KD	PB-950KD	PB-950KD	PB-950KD	PB-950KD
Refrigerant Lines	Connections	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	3/8	3/8	3/8	3/8	3/8
	Suction O.D. in	5/8	3/4*	3/4*	3/4 *	3/4 *
	Refrigerant	R410A	R410A	R410A	R410A	R410A
	Factory Charge Oz	85.0	88.0	88.0	141.0	141.0
	Max Line Length Ft/m	165/50	165/50	165/50	230/70	230/70
	Max Height Ft/m	100/30	100/30	100/30	100/30	100/30

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. Please refer to technical literature for model compatibility and instructions.

* Standard lineset size is 3/4", a 3/4" to 5/8" adapter will be shipped with outdoor unit for matching the indoor lineset size. Recommended to use adapter on the indoor side.

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

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