

# ARCTIC SERIES



# Haier Ductless

Higher Comfort, Haier Living



The system is capable of providing 100% rated heating capacity at 5°F (-15°C) and toasty warm air at -22°F (-30°C).

## FEATURES & BENEFITS

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

**-22°F HEATING**  
Low ambient heating down to -22°F (-30°C).

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

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

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

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

**2-WAY PIPING DRAIN**  
Allows installer to drain the condensate from either the left or right side, making installation easier

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

**CHILDLOCK**  
Prevents unintended and unsupervised use

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

Model Name	System	09EH	12EH	18EH
	Outdoor	1U09EH2VHA	1U12EH2VHA	1U18EH2VHA
	Indoor	AW09EH2VHA	AW12EH2VHA	AW18EH2VHA
<b>Cooling</b>	Rated Capacity Btu/hr	9,000	12,000	19,000
	Capacity Range Btu/hr	3,100-12,000	3,100-13,600	6,500-23,200
	Rated Power Input W	595	890	1,520
	SEER	28	25	20
	EER	15.5	13.0	12.5
	Moisture Removal gal./hr.	0.31	0.43	0.53
<b>Heating</b>	Rated Heating Capacity 47°F Btu/hr	12,000	16,500	20,400
	Heating Capacity Range Btu/hr	3,100-22,000	3,100-22,200	5400-26400
	Rated Power Input W	900	1,345	1,640
	HSPF (IV)	13.0	12.0	10.0
	HSPF (V)	11.3	10.4	8.7
	Rated Heating Capacity 17°F Btu/hr	9,000	10,000	18,500
	Max. Heating Cap. 17°F (-15°C) Btu/hr	12,000	16,500	20,400
	Max. Heating Cap. 5°F (-15°C) Btu/hr	12,000	16,500	20,400
	Max. Heating Cap. -5°F (-20°C) Btu/hr	12,000	15,200	17,620
Max. Heating Cap. -15°F (-26°C) Btu/hr	11,200	13,900	16,900	
Max. Heating Cap. -22°F (-30°C) Btu/hr	10,800	12,200	15,200	
<b>Operating Range</b>	Cooling °F(°C)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)
	Heating °F(°C)	-22-75(-30-24)	-22-75(-30-24)	-22-75(-30-24)
<b>Power Supply</b>	Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1
<b>Outdoor Unit</b>	Compressor Type	DC Inverter Driven Rotary		
	Maximum Fuse Size A	15	15	25
	Minimum Circuit Amp A	12	14	18
	Outdoor Fan Speed RPM	300-860	300-860	300-800
	Outdoor Noise Level dB	53	53	54
	Dimension: Height in (mm)	24 3/16(614)	24 3/16(614)	30(762)
	Dimension: Width in (mm)	32 5/16(820)	32 5/16(820)	36 3/16(920)
	Dimension: Depth in (mm)	13 5/16(338)	13 5/16(338)	15 1/8(385)
	Weight (Ship/Net)- lbs (kg)	94.8/84.9(43.0/38.5)	95.9/86.0(43.5/39.0)	135.6/126.8(61.5/57.5)
<b>Indoor Unit</b>	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Airflow (Turbo/High/Med/Low/Quiet) CFM	470/410/350/290//230	440/410/380/311/260	710/650/560/440/410
	Motor Speed (Turbo/High/Med/Low/ Quiet) RPM	1200/1100/100/900/800	1150/1050/900/750/650	1250/1150/1000/850/800
	Indoor Sound Level dB (Turbo/High/ Med/Low/Quiet)	42/39/37/28/23	42/39/37/28/23	49/47/42/36/34
	Dimension: Height in (mm)	12 1/4 (310)	12 1/4 (310)	13 1/4 (336)
	Dimension: Width in (mm)	35 7/16 (900)	35 7/16 (900)	43 7/8 (1115)
	Dimension: Depth in (mm)	8 1/4 (210)	8 1/4 (210)	9 9/16 (243)
	Weight (Ship/Net)- lbs (kg)	30.9/25.3(14/11.5)	30.9/25.3(14/11.5)	45.4/37.5 (20.6/17)
<b>Refrigerant Lines</b>	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8	3/8	1/2
	Factory Charge Oz	51.5	51.5	74.1
	Maximum Line Length Ft / m	66/20	66/20	83/25
	Maximum Height Ft / m	50/15	50/15	50/15

For more info

Visit: [www.Haierductless.com](http://www.Haierductless.com) • [www.Haierductlesshelp.com](http://www.Haierductlesshelp.com)

Email: [ductlesshelp@geappliances.com](mailto:ductlesshelp@geappliances.com)





## WiFi Adapter (QAWF01A) Sold Separately

### How does it work?

- Plug the USB Wi-Fi module into the indoor unit.
- Download the **Haier Home APP** to your smart device.
- Link the equipment to your smart device.
- Follow our easy linking instruction.
- Enjoy the convenience of controlling your system whenever and wherever you want!



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Optional Accessories list	Description
QAWB39A	Wind Baffle for 1U09EH2VHA and 1U12EH2VHA
QAWB45A	Wind Baffle for 1U18EH2VHA
QAWF01A	WiFi Module for Highwall Indoor (AW09EH2VHA, AW12EH2VHA, AW18EH2VHA)
YR-HG	Remote Controller for Indoor (Ships with highwall indoor unit)
YR-E16B	Color Screen Programmable Wired Controller
YR-E17	Non-Programmable Wired Controller
WK-B	Wired Controller Kit for Wall Mount Type indoor (WK-B is required for Arctic Wall mount (AW09EH2VHA, AW12EH2VHA, AW18EH2VHA) with all wired controller application)
QACT17A (coming soon)	Simple Wired Controller

Our continuing commitment to quality products may mean a change in specifications without notice.