

# Haier



## Ductless Selection Guide



Single Zone









Multi-Zone



**GE APPLIANCES**  
*a Haier company*

# 2019

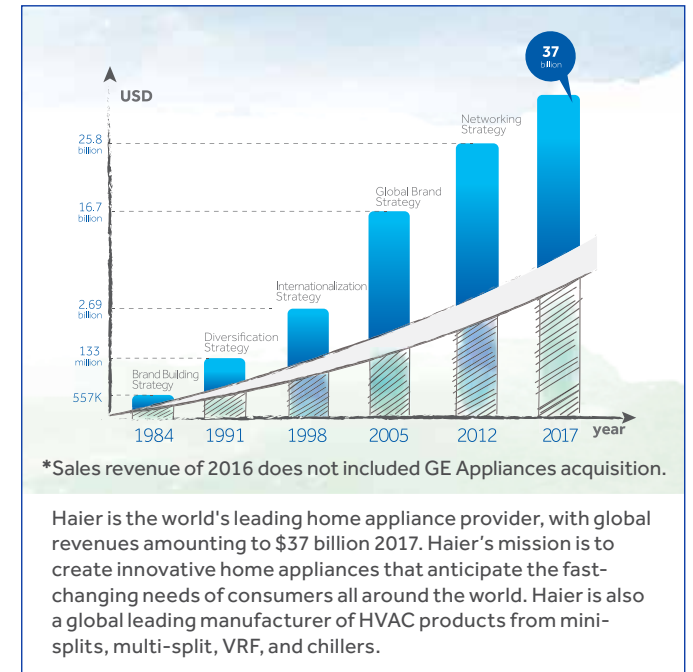
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## Why Haier?

### Global Position

Customers look to you to provide them with the best HVAC solutions at the best value. As a 30+ billion dollar company with a global reach and an infrastructure of R&D centers, production facilities, and sales networks, we have the capacity to produce over 20 million units per year. We are committed to developing new product technologies to fill your customer's growing heating & cooling demands in fresh and exciting ways.

The pace of business has quickened, so our state-of-the-art solutions help you stay ahead of your competition.



### Research & Development

Our five Research & Development centers, located in key global markets including the US and Canada, help us create and maintain strategic partnerships with first-class suppliers, research institutions, and universities. These partnerships allow us to establish an innovative collaboration of scientists and engineers connected by virtual and physical networks.



Haier's flagship 220,000 square foot R&D center houses over 120 laboratories, a psychrometric lab, a compressor calorimeter lab, acoustic and vibration labs, EMC (Electro-Magnetic Compatibility) labs, and a material and chemistry lab. This R&D center also includes the world tallest "drop tower". Standing 350 feet tall, the drop tower is used for developing and testing long refrigerant piping capabilities.



Reliability Testing



Acoustic Testing



Performance Testing

Haier's User Experience Center exposes different types of HVAC systems to a variety of simulated weather conditions. While maintaining a comfortable indoor air temperature, outdoor weather conditions can be adjusted from sun to rain, snow or wind, and to temperatures between -30°F to 140°F with relative humidity from 0% to 100%.



Extreme Cold Testing



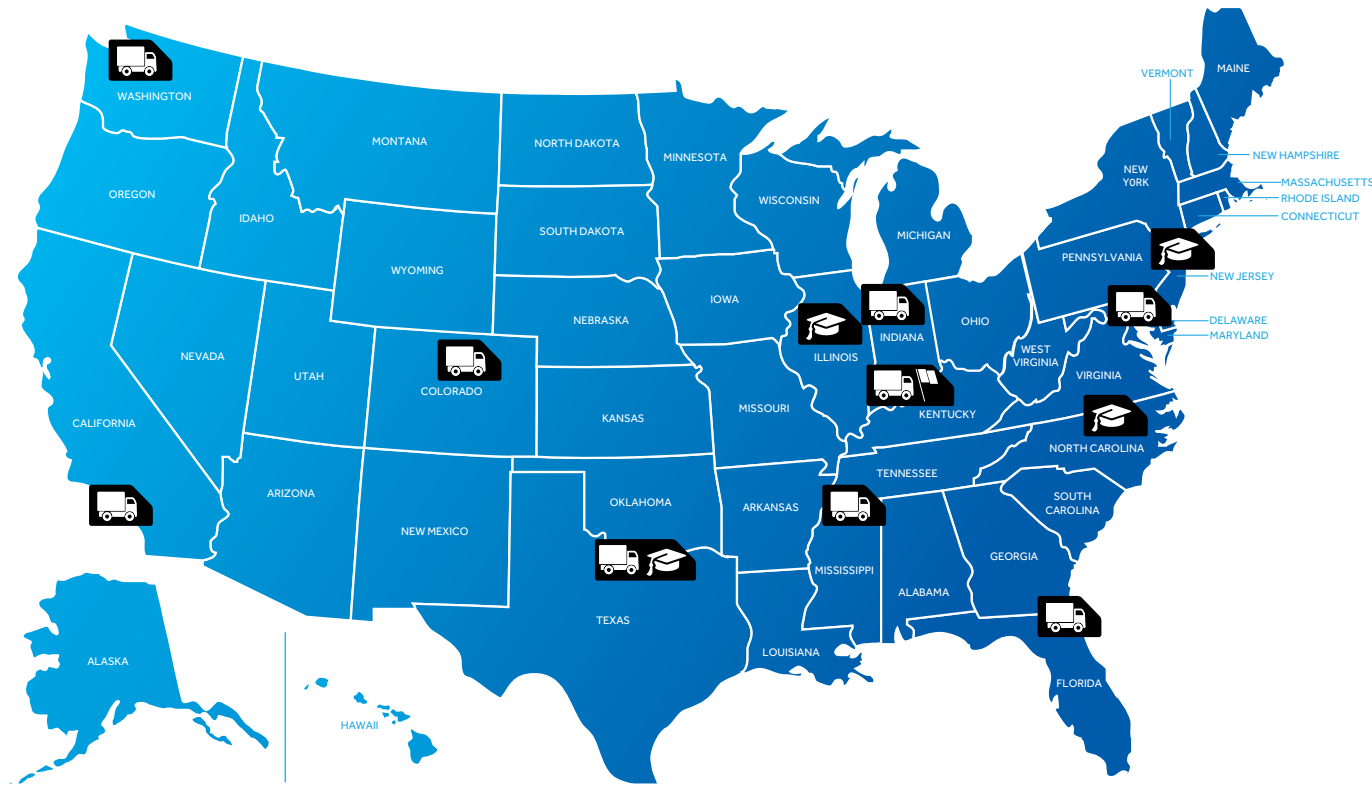
Extreme Moisture Testing



Extreme Heat Testing

## North American Presence

Headquartered in Louisville, Kentucky, Haier is committed to the success of our North American partnerships with nine distribution centers and four training centers throughout the United States.



**North America Headquarters**  
 • Louisville, KY

**North American Distribution Centers**

- Seattle, WA
- Los Angeles, CA
- Denver, CO
- Dallas, TX
- Olive Branch, MS
- Munster, IN
- Louisville, KY
- Jacksonville, FL
- Perryville, MD

**Training Centers:**

- Dallas, TX
- Peru, IL
- Raleigh, NC
- Wayne, NJ

## Comfort Made Easy

Haier is committed to comfort made easy. By providing the best end-user experience through innovative product technology, and with a business model proven to grow larger profits for our North American Haier distributor & installer/servicer partners, Haier is dedicated to being recognized as the North American leader in the HVAC industry.



## The Haier Ductless Advantage

Ductless systems are easier to install, quieter, and more efficient than traditional comfort systems. Multi-zone ductless systems allow more comfort control throughout the home or office with higher energy efficiency than a central HVAC system. In addition, ductless systems eliminate the energy losses associated with the ductwork of traditional air conditioning systems. Duct losses can account for more than 30% of energy consumption costs.

### Smart

**WiFi**  
 The convenience of High Wall indoor unit control via smart device by simply plugging in a USB WiFi module. Download the Haier Home App to an Apple or Android smart device, and link the equipment to the smart device for system control from whenever and wherever the user wants! Compatible with Google Assistant and Amazon Alexa.

### Efficiency

**DC INVERTER Energy-Saving Technologies**  
 Luxurious comfort without sacrificing efficiency. From DC inverters to six-step fans to improved heat-exchange materials, every part is constantly working to maximize efficiency.

### Performance

- Temperature Precision**  
 Maintains room air temperature with twice the precision of other leading ductless systems.
- Faster Heating and Cooling**  
 Turbo Mode briefly runs the system at maximum speed to heat or cool in half the time. Warm Start Mode ensures the fan won't blow cold air at the start of the heating phase.
- Temperature Stability**  
 Room temperatures stay closer to the desired level at all times. Cool/Heat Auto Changeover quickly compensates for temperature changes while Low Ambient Cooling and Heating Limits deliver great performance in extreme weather conditions.

### Air Quality

- Allergens and Odor Control**  
 Four easy-to-clean filters safely reduce dust, pollen, mites, viruses, bacteria, and odor-causing gases in the air.
- Natural Breeze Effect**  
 To capture the sensation of natural air movement, the 3D Airflow feature on select models simulates both horizontal and vertical movement, carried throughout the space by the Long Distance Airflow (60+ ft.) capability.



# Ductless Performance & Flexibility



## Tempo Series

Our 16 SEER/9 HSPF entry-level ductless Tempo Series offers efficiency and value with outstanding inverter technology performance. Capable of heating down to -4°F(-20°C), cooling up 115°F(46°C), and available with capacities of 9,000 BTU, 12,000 BTU, 18,000 BTU, and 24,000 BTU. 9,000 BTU and 12,000 BTU units are 115V for easy electrical installation in applications like sunrooms and garages.

- Single zone options (1 indoor unit/1 outdoor unit) ideal for home additions.
- 18,000 BTU and 24,000 BTU units feature WiFi accessory compatibility.



## Advanced & Advanced Plus Series

Our Energy Star rated Advanced and Advanced Plus Series are the ultimate combination of performance and comfort. Our Advanced Series systems deliver the highest efficiencies (up to 23.5 SEER) and quietest operation - down to a whispering 22 dB(A). Available capacities are 9,000 BTU, 12,000 BTU, 15,000 BTU, 18,000 BTU, and 24,000 BTU.

- A great choice for applications with Energy Star building requirements.
- Popular in states with stringent energy use regulations.
- Premium air quality and airflow with adjustable air blades for up, down, left & right air throw control.
- Single zone options (1 indoor unit/1 outdoor unit) ideal for home additions.
- All units feature WiFi accessory compatibility.



## Arctic Series

Our premier Arctic Series heat pumps, with innovative inverter technology, can effectively reduce a homeowner's energy costs while maintaining an ideal comfort level. The integration of Haier HeatPlus technology provides exceptional year-round comfort with 100% rated heating capacity at 5°F and comfortably warm air down to -22°F.

- Ideal for colder regions requiring auxiliary heating systems.
- While offered only as an accessory by competitors, our outdoor unit base pan heater comes standard to prevent ice buildup.
- All wall mount units feature WiFi accessory compatibility.
- Single zone options (1 highwall unit/1 outdoor unit) ideal for home additions.
- Multi-zone options (up to 3 indoor units/1 outdoor unit) for individually zoned comfort needs including wall mount, slim duct, and cassette models.



## FlexFit & FlexFit Pro Series

FlexFit™ is our top-of-the-line modular system that allows an optimal combination of ductless indoor and outdoor units up to 18 SEER. Designed with cost-effectiveness in mind, Haier FlexFit ductless systems provide a solution to mix-and-match the same indoor units to both single-zone and multi-zone outdoor units, effectively reducing the time and cost of inventory management.

- Each FlexFit multi-zone outdoor unit is compatible with every FlexFit multi-zone indoor unit
- Indoor unit options include wall mount, slim duct, and cassette type models for varying home or office application requirements.
- Single zone options (1 indoor unit/1 outdoor unit) ideal for home additions.
- Multi-zone options (up to 4 indoor units/1 outdoor unit) for individually zoned comfort needs
- All wall mount units feature WiFi accessory compatibility.

# Multi-Zone Compatibility Matrix

## 2U18MS2VHB 2U20EH2VHA

Zones	Combinations		Total System Capacity
	Unit A	Unit B	
TWO ZONES	7K	7K	14K
Unit A	7K	9K	16K
	9K	9K	18K
	7K	12K	19K
	9K	12K	21K
Unit B	12K	12K	24K

## 3U24MS2VHB 3U24EH2VHA

Zones	Combinations			Total System Capacity	
	Unit A	Unit B	Unit C		
TWO ZONE	—	7K	7K	14K	
Unit B	—	7K	9K	16K	
	—	9K	9K	18K	
	—	7K	12K	19K	
	—	9K	12K	21K	
	—	12K	12K	24K	
	—	7K	18K	25K	
Unit C	—	9K	18K	27K	
	—	12K	18K	30K	
	THREE ZONE	7K	7K	7K	21K
Unit A	7K	7K	9K	23K	
	7K	9K	9K	25K	
	7K	7K	12K	26K	
	9K	9K	9K	27K	
	7K	9K	12K	28K	
	Unit B	9K	9K	12K	30K
		7K	12K	12K	31K*
		7K	7K	18K	32K*
	Unit C	9K	12K	12K	33K*

\* All indoor units must be FlexFit models

## 4U36MS2VHB

Zones	Combinations				Total System Capacity	
	Unit A	Unit B	Unit C	Unit D		
TWO ZONES	—	—	9K	18K	27K	
Unit C	—	—	12K	18K	30K	
	—	—	7K	24K	31K	
	—	—	9K	24K	33K	
	—	—	12K	24K	36K	
	—	—	18K	18K	36K	
	—	—	24K	18K	42K	
	—	—	24K	24K	48K	
	Unit D	—	9K	9K	9K	27K
		—	7K	9K	12K	28K
		—	9K	9K	12K	30K
		—	7K	12K	12K	31K
		—	7K	7K	18K	32K
—		9K	12K	12K	33K	
—		7K	9K	18K	34K	
—		12K	12K	12K	36K	
—		7K	12K	18K	37K	
—		7K	7K	24K	38K	
—		9K	12K	18K	39K	
—		7K	9K	24K	40K	
Unit B	—	9K	9K	24K	42K	
	—	12K	12K	18K	42K	
	—	7K	12K	24K	43K	
	—	9K	12K	24K	45K	
	—	12K	12K	24K	48K	
	—	12K	18K	18K	48K	
	7K	7K	7K	7K	28K	
	7K	7K	7K	9K	30K	
	7K	7K	9K	9K	32K	
	7K	7K	7K	12K	33K	
	7K	9K	9K	9K	34K	
	7K	7K	9K	12K	35K	
9K	9K	9K	9K	36K		
7K	9K	9K	12K	37K		
7K	7K	12K	12K	38K		
7K	7K	7K	18K	39K		
9K	9K	9K	12K	39K		
Unit A	7K	9K	12K	40K		
	7K	7K	9K	41K		
	9K	9K	12K	42K		
	7K	9K	9K	43K		
	7K	12K	12K	43K		
	7K	7K	12K	44K		
	7K	7K	7K	24K	45K	
	9K	9K	9K	15K	45K	
9K	12K	12K	12K	45K		
7K	7K	9K	24K	47K		
9K	9K	12K	18K	48K		
12K	12K	12K	12K	48K		



# Equipment Matchup Quick Reference



## Single Zone Systems

Series	Capacity	Outdoor	Indoor	Standard Controller	Optional Controller
<b>Tempo Wallmount</b> (Page 8)	9K	1U09TE1	AW09TE1		YR-E17 QACT17A YR-E16B
	12K	1U12TE1	AW12TE1		
	18K	1U18TE2	AW18TE2		
	24K	1U24TE2	AW24TE2		
<b>Advanced Wallmount</b> (Page 10)	9K	1U09ES2	AW09ES2		YR-E17 QACT17A YR-E16B
	12K	1U12ES2	AW12ES2		
	18K	1U18ES2	AW18ES2		
	24K	1U24ES2	AW24ES2		
<b>NEW! Advanced Plus Wallmount</b> (Page 12)	9K	1U09AP2	AW09ES2		YR-E17 QACT17A YR-E16B
	12K	1U12AP2	AW12ES2		
	15K	1U15AP2	AW15ES2		
	18K	1U18AP2	AW18ES2		
<b>Arctic Wallmount</b> (Page 14)	9K	1U09EH2	AW09EH2		YR-E17 QACT17A YR-E16B
	12K	1U12EH2	AW12EH2		
	18K	1U18EH2	AW18EH2		
<b>FlexFit Wallmount</b> (Page 18)	12K	1U12LC2	AW12LC2		YR-E17 QACT17A YR-E16B
	18K	1U18LC2	AW18LC2		
<b>FlexFit Slim Duct</b> (Page 18)	12K	1U12LC2	AD12SL2		QACT17A YR-E16B
	18K	1U18LC2	AD18SL2		
<b>FlexFit 4-Way Cassette</b> (Page 18)	12K	1U12LC2	AB12SC2		YR-E17 QACT17A YR-E16B
	18K	1U18LC2	AB18SC2		
<b>FlexFit Pro Wallmount</b> (Page 22)	24K	1U24LP2	AW24LP2		YR-E17 QACT17A YR-E16B
	36K	1U36LP2	AW36LP2		
<b>FlexFit Pro Medium ESP Duet</b> (Page 22)	24K	1U24LP2	AM24LP2		QACT17A YR-E16B
	36K	1U36LP2	AM36LP2		
	48K	1U48LP2	AM48LP2		
<b>FlexFit Pro Round Way Cassette</b> (Page 22)	24K	1U24LP2	AL24LP2		YR-E17 QACT17A YR-E16B
	36K	1U36LP2	AL36LP2		
	48K	1U48LP2	AL48LP2		

Compatible with WiFi Adapter

Compatible with WiFi Adapter (VHB units only)

## Multi-Zone Systems



Powered by a single outdoor unit, yet able to set different temperatures in different spaces via separate indoor units, Haier multi-zone ductless systems give contractors an unprecedented level of freedom

Series	Outdoor	Capacity					Standard Controller	Optional Controller
		7K	9K	12K	18K	24K		
<b>NEW! Arctic Multi</b> (Page 16)	2U20EH2 (2 Zone)	AW07LC	AW09LC	AW12LC	AW18LC		YR-E17 QACT17A YR-E16B	
		AW07EH	AW09EH	AW12EH	AW18EH			
	3U24EH2 (3 Zone)	AD07SL	AD09SL	AD12SL	AD18SL		QACT17A YR-E16B	
		AB09SC	AB12SC	AB18SC				
<b>FlexFit Multi</b> (Page 20)	2U18MS2 (2 Zone)	AW07LC	AW09LC	AW12LC	AW18LC		YR-E17 QACT17A YR-E16B	
		AW24LP						
	3U24MS2 (3 Zone)	AD07SL	AD09SL	AD12SL	AD18SL		QACT17A YR-E16B	
		AM24LP						
	4U36MS2 (4 Zone)	AB09SC	AB12SC	AB18SC	AL24LP		YR-E17 QACT17A YR-E16B	

Compatible with WiFi Adapter

Compatible with WiFi Adapter (VHB units only)





A good choice for an introduction to inverter technology, the Tempo series offers efficiency at 16 SEER and 9 HSPF. Heating at -4°F(-20°C) and cooling at 115°F(46°F). 9,000 and 12,000 BTU units use 115V power supply, easy for electric connection.

### Key Features

**DC INVERTER**

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

**DRY**

**DRY FUNCTION**  
Reduces indoor humidity level

**-4°F HEATING**

Low ambient heating down to -4°F (-20°C)

**TURBO MODE**

Cools or heats the room quickly

**BLUE FIN**

A hydrophilic aluminum fin, ensures condensing water flows smoothly

**QUIET MODE**

Minimizes indoor noise while maintaining comfort levels

**EASY INSTALLATION CLIP**

Built-in bracket allows more room to install and service

**CHILD LOCK**

Prevents unintended and unsupervised use

**AUTO LOUVER**

Adjusts airflow upward when cooling, or downward when heating

**115V EASY ELECTRIC WIRING**

9k and 12k are 115V, easy electric wiring

**WARM START**

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

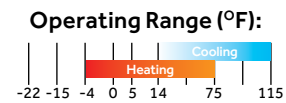
**2-WAY PIPING DRAIN**

Allows installer to drain the condensate from either the left or right side, making installation easier

## Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

**Voltage/Cycle/Phase:**  
9K, 12K: 115/60/1  
18K, 24K: 208-230/60/1



	09TE	12TE	18TE	24TE
<b>Outdoor Unit</b>	<b>1U09TE1VHA</b>	<b>1U12TE1VHA</b>	<b>1U18TE2VHA</b>	<b>1U24TE2VHA</b>
<b>Indoor Unit</b>	<b>AW09TE1VHA</b>	<b>AW12TE1VHA</b>	<b>AW18TE2VHA</b>	<b>AW24TE2VHA</b>
<b>Cooling</b>				
Rated Capacity Btu/hr	9,000	12,000	18,000	24,000
Capacity Range Btu/hr	3,800-12,000	4,100-12,500	5,000-19,000	6,500-26,000
Rated Power Input W	810	1,200	1,650	2,150
SEER/EER	16/11.0	16/11.0	16/10.0	16/10.0
Moisture Removal gal./hr.	0.31	0.42	0.52	0.73
<b>Heating</b>				
Rated Heating Capacity 47°F Btu/hr	10,000	12,000	19,000	26,000
Heating Capacity Range Btu/hr	4,100-12,000	4,500-16,000	5,400-22,000	6,800-28,000
Rated Power Input W	850	1,000	1,700	2,400
HSPF	9.0	9.0	9.0	9.0
Rated Heating Capacity 17°F Btu/hr	5,600	7,800	11,200	16,600
Max. Heating Cap. 17°F (-8°C) Btu/hr	8,200	10,000	15,500	19,300
Heating Cap. 5°F (-15°C) Btu/hr	6,600	8,000	12,400	15,500
Heating Cap. -4°F (-20°C) Btu/hr	5,100	6,200	9,500	12,900
<b>Outdoor Unit</b>				
Maximum Fuse Size A	20	20	20	25
Minimum Circuit Amp A	18	18	17	19
Outdoor Noise Level dB	47	50	56	53
Dimension: Height in (mm)	21 1/4 (540)	21 1/4 (540)	27 7/16 (697)	30 (762)
Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	36 3/16 (920)
Dimension: Depth in (mm)	9 5/8 (245)	9 5/8 (245)	13 7/8 (353)	15 1/8 (385)
Weight (Ship/Net)- lbs (kg)	66.2/58.4 (30/26.5)	71.7/63.9 (32.5/29)	105.8/97.0 (48.0/44.0)	121.3/112.5 (55.0/51.0)
<b>Indoor Unit</b>				
Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto
Airflow CFM (Turbo/High/Med/Low/Quiet)	305/295/280/265/240	310/300/287/275/245	545/530/505/475/460	665/650/610/570/555
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	39/37/33/28/23	39/37/33/28/23	45/43/39/36/33	47/45/40/37/34
Dimension: Height in (mm)	11 7/16 (290)	11 7/16 (290)	12 1/2 (318)	13 3/16 (335)
Dimension: Width in (mm)	34 (864)	34 (864)	39 11/16 (1008)	44 5/16 (1125)
Dimension: Depth in (mm)	7 7/8 (200)	7 7/8 (200)	8 7/8 (225)	9 7/16 (240)
Weight (Ship/Net)- lbs (kg)	24.7/19.9 (11.2/9.0)	24.7/19.9 (11.2/9.0)	33.1/26.5 (15.0/12.0)	38.6/30.9 (17.5/14.0)
<b>Piping</b>				
Connections	Flare	Flare	Flare	Flare
Liquid O.D. in	1/4	1/4	1/4	1/4
Suction O.D. in	3/8	3/8	1/2	1/2
Factory Charge Oz	26.5	35.3	40.6	67.0
Maximum Line Length Ft / m	66/20	66/20	83/25	83/25
Maximum Height Ft / m	33/10	33/10	50/15	50/15



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





The ultimate combination of performance and comfort, our Advanced Series systems deliver the highest efficiencies (up to 23 SEER) and quietest operation - down to a whispering 22 dB(A). Available Capacities: 9,000 BTU, 12,000 BTU, 18,000 BTU, 24,000 BTU.

**Key Features**

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

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

**-4°F HEATING**  
Low ambient heating down to -4°F (-20°C)

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

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

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

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

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

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

**CHILD LOCK**  
Prevents unintended and unsupervised use

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

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



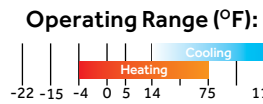
Scan this code with your smart device to learn more about Advanced mini-splits.



Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

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



	09ES	12ES	18ES	24ES
<b>Outdoor Unit</b>	<b>1U09ES2VHA</b>	<b>1U12ES2VHA</b>	<b>1U18ES2VHA</b>	<b>1U24ES2VHA</b>
<b>Indoor Unit</b>	<b>AW09ES2VHB</b>	<b>AW12ES2VHB</b>	<b>AW18ES2VHB</b>	<b>AW24ES2VHB</b>
<b>Cooling</b>				
Rated Capacity Btu/hr	9,000	12,000	17,000	22,000
Capacity Range Btu/hr	3,800-12,100	4,100-14,680	7,000-23,000	6,500-28,600
Rated Power Input W	610 (280-1150)	910 (290-1,200)	1,350 (420-2,100)	1,760 (540-2,760)
SEER/EER	23.5/14.5	23.0/12.5	21.0/12.6	20.0/12.5
Moisture Removal gal./hr.	0.31	0.42	0.52	0.74
<b>Heating</b>				
Rated Heating Capacity 47°F Btu/hr	10,000	16,000	22,000	27,700
Heating Capacity Range Btu/hr	4,100-15,000	4,430-19,800	5,400-26,400	6,800-34,800
Rated Power Input W	650 (290-1200)	1,250 (300-1,300)	1,830 (400-2,900)	2,350 (640-3,170)
HSPF (IV)	12.0	11.0	11.0	10.0
HSPF (V)	10.4	9.6	9.6	8.7
Rated Heating Capacity 17°F Btu/hr	7,400	12,220	14,000	18,500
Max. Heating Cap. 17°F (-8°C) Btu/hr	10,000	13,120	19,600	26,000
Max. Heating Cap. 5°F (-15°C) Btu/hr	10,000	10,160	14,900	20,500
Max. Heating Cap. -4°F (-20°C) Btu/hr	8,800	9,500	12,300	15,300
<b>Outdoor Unit</b>				
Maximum Fuse Size A	15	15	30	30
Minimum Circuit Amp A	15	15	18	21
Outdoor Fan Speed RPM	300-900	300-900	300-850	300-800
Outdoor Noise Level dB	51	51	52	53
Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	30 (762)
Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	36 3/16 (920)
Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	15 1/8 (385)
Weight (Ship/Net)- lbs (kg)	84.8/78.2 (38.5/ 35.5)	84.8/78.2 (38.5/ 35.5)	105.4/96.6 (47.8/43.8)	134.5/125.7 (61/57)
Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto
Airflow CFM (Turbo/High/Med/Low/Quiet)	440/410/350/290/265	610/530/440/410/350	710/650/560/440/410	710/650/560/440/410
Motor Speed (Turbo/High/Med/Low/Quiet) RPM	1150/1050/900/750/650	1150/1050/900/750/650	1100/950/850/750/700	1250/1150/1000/850/800
<b>Indoor Unit</b>				
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/40/35/31/23	45/41/36/32/23	48/46/42/36/34	49/47/42/36/34
Dimension: Height in (mm)	12 1/4 (310)	12 1/4 (310)	13 1/4 (336)	13 1/4 (336)
Dimension: Width in (mm)	35 7/16 (900)	35 7/16 (900)	43 7/8 (1115)	43 7/8 (1115)
Dimension: Depth in (mm)	8 7/16 (215)	8 7/16 (215)	9 9/16 (243)	9 9/16 (243)
Weight (Ship/Net)- lbs (kg)	30.9/25.4 (14/ 11.5)	30.9/25.4 (14/ 11.5)	43.2/35.3 (19.6/16)	45.4/37.5 (20.6/17)
<b>Piping</b>				
Connections	Flare	Flare	Flare	Flare
Liquid O.D. in	1/4	1/4	1/4	1/4
Suction O.D. in	3/8	3/8	1/2	1/2
Factory Charge Oz	38.8	38.8	52.2	74.1
Maximum Line Length Ft / m	50/15	50/15	83/25	83/25
Maximum Height Ft / m	33/10	33/10	50/15	50/15





The ultimate combination of performance and comfort, our Advanced Plus Series systems deliver the highest efficiencies (up to 23 SEER) and quietest operation—down to a whispering 22 dB(A). Available Capacities: 9,000 BTU, 12,000 BTU, 15,000 BTU, 18,000 BTU, and 24,000 BTU.

### Key Features

**DC INVERTER**

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

**EASY INSTALLATION CLIP**

Built-in bracket allows more room to install and service

**-15°F HEATING**

Low ambient heating down to -15F (-26C)

**AUTO LOUVER**

Adjusts airflow upward when cooling, or downward when heating

**BASE PAN HEATER**

Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures

**WARM START**

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

**3-D AIR FLOW**

Delivers air vertically and horizontally for even distribution throughout the room

**TURBO MODE**

Cools or heats the room quickly

**BLUE FIN**

A hydrophilic aluminum fin, ensures condensing water flows smoothly

**QUIET MODE**

Minimizes indoor noise while maintaining comfort levels

**60+ FT LONG DISTANCE AIR SUPPLY**

Optimized fan motor and blower design enables up to 60 feet of air flow

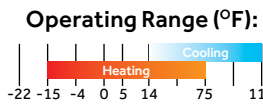
**2-WAY PIPING DRAIN**

Allows installer to drain the condensate from either the left or right side, making installation easier

## Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

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



	09AP	12AP	15AP	18AP	24AP
<b>Outdoor Unit</b>	<b>1U09AP2VHA</b>	<b>1U12AP2VHA</b>	<b>1U15AP2VHA</b>	<b>1U18AP2VHA</b>	<b>1U24AP2VHA</b>
<b>Indoor Unit</b>	<b>AW09ES2VHB</b>	<b>AW12ES2VHB</b>	<b>AW15ES2VHB</b>	<b>AW18ES2VHB</b>	<b>AW24ES2VHB</b>
<b>Cooling</b>					
Rated Capacity Btu/hr	9,000	12,000	15,000	17,000	22,000
Capacity Range Btu/hr	3,200-12,500	3,300-15,000	5,400-24,000	5,400-26,500	6,400-30,000
Rated Power Input W	640	960	1,200	1,390	1,760
SEER/EER	23.5/14.5	23.0/12.5	21.5/12.5	21.0/12.5	20.0/12.5
Moisture Removal Pt./h	3.50	3.90	4.10	4.30	7.00
<b>Heating</b>					
Rated Heating Capacity 47°F Btu/hr	10,000	13,000	16,000	22,000	27,600
Heating Capacity Range Btu/hr	3,800-15,600	3,900-20,000	4,000-26,000	4,000-30,000	6,200-36,000
Rated Power Input W	680	1,500	1,700	2,100	2,630
HSPF (IV)	10.5	11.0	10.5	10.5	10.0
HSPF (V)	9.1	9.6	9.1	9.1	8.7
Max. Heating Capacity 17°F Btu/hr	13,000	15,000	17,000	19,000	26,000
Max. Heating Capacity 5°F Btu/hr	10,000	13,000	16,000	17,000	20,000
Max Heating Capacity -15°F Btu/hr	6,500	7,500	10,000	12,000	14,000
<b>Outdoor Unit</b>					
Maximum Fuse Size A	15	15	30	30	30
Minimum Circuit Amp A	15	15	18	18	21
Outdoor Noise Level dB	54	54	55	55	57
Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	27 7/16 (697)	30 (762)
Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	35 (890)	36 3/16 (920)
Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
ODU Weight (Ship/Net)- lbs	85/78.5	85/78.5	110.5/100.5	110.5/100.5	141/130
Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
Sound Level dB (Turbo/High/Med/Low/Quiet)	44/40/35/31/23	45/41/36/32/23	48/46/42/36/34	48/46/42/36/34	49/47/42/36/34
<b>Indoor Unit</b>					
Dimension: Height in (mm)	12 1/4 (310)	12 1/4 (310)	13 1/4 (336)	13 1/4 (336)	13 1/4 (336)
Dimension: Width in (mm)	35 7/16 (900)	35 7/16 (900)	43 7/8 (1115)	43 7/8 (1115)	43 7/8 (1115)
Dimension: Depth in (mm)	8 7/16 (215)	8 7/16 (215)	9 9/16 (243)	9 9/16 (243)	9 9/16 (243)
IDU Weight (Ship/Net)- lbs	31/25.5	31/25.5	43.5/35.5	43.5/35.5	45.5/38
<b>Piping</b>					
Connections	Flare	Flare	Flare	Flare	Flare
Liquid O.D. in	1/4	1/4	1/4	1/4	1/4
Suction O.D. in	3/8	3/8	1/2	1/2	1/2
Factory Charge Oz	38.8	38.8	52.2	52.2	74.1
Max Line Length Ft / m	50/15	50/15	83/25	83/25	83/25
Max Height Ft / m	33/10	33/10	50/15	50/15	50/15







With the integration of Haier Heat Plus technology, the Arctic Series provides an exceptional experience for year-round comfort. The system is capable of providing 100% rated heating capacity at 5°F and toasty warm air at -22°F. Up to 28 SEER Wall Mount 9,000, 12,000 & 18,000 BTU Single Zone Heat Pump Systems

**Key Features**

- 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**  
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
- 60+ FT 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
- CHILD LOCK**  
Prevents unintended and unsupervised use
- AUTO LOUVER**  
Adjusts airflow upward when cooling, or downward when heating



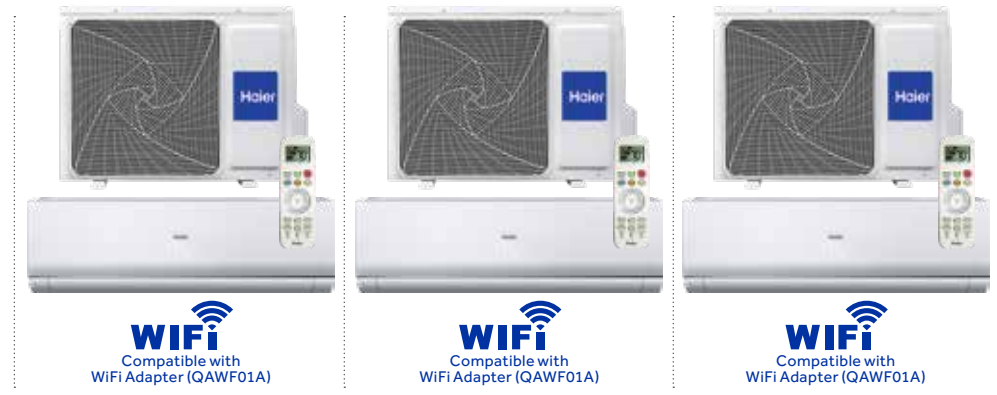
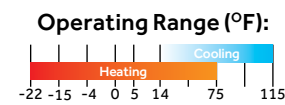
Scan this code with your smart device to learn more about Arctic mini-splits.



**Specifications**

**Compressor Type:**  
DC Inverter Driven Rotary

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



	09EH	12EH	18EH
<b>Outdoor Unit</b>	<b>1U09EH2VHA</b>	<b>1U12EH2VHA</b>	<b>1U18EH2VHA</b>
<b>Indoor Unit</b>	<b>AW09EH2VHA</b>	<b>AW12EH2VHA</b>	<b>AW18EH2VHA</b>
<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/EER	28/15.5	25/13	20/12.5
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>Outdoor Unit</b>			
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 CFM (Turbo/High/Med/Low/Quiet)	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>Piping</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

# Multi-Zone Systems

Arctic Series single zone features, benefits, and performance available for multi-zone applications.

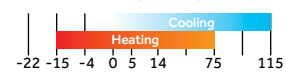
With a standard inverter technology heat pump, homeowners can effectively reduce their electric bill and maintain an ideal comfort level. With the integration of Haier Heat Plus technology, the Arctic Series provides an exceptional experience for year-round comfort. The system is capable of providing 100% rated heating capacity at 5°F and toasty warm air at -15°F.

## Specifications

Compressor Type:  
DC Inverter Driven Rotary

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

Operating Range (°F):



2 Zones



3 Zones



Outdoor Units	2U20EH2VHA	3U24EH2VHA	
Cooling Non-Ducted	Rated Capacity Btu/hr	18100	22000
	Capacity Range Btu/hr	7000-20000	6000-23600
	Rated Power Input W	1448	1760
	SEER/EER	17/12.5	18.5/12.5
Cooling Ducted	Rated Capacity Btu/hr	16000*	20000*
	Capacity Range Btu/hr	7000-19000*	6000-22300*
	Rated Power Input W	1481*	1786*
	SEER/EER	15/10.8*	15/11.2*
Heating Non-Ducted	Rated Heating Capacity 47°F Btu/hr	20000	24000
	Heating Capacity Range Btu/hr	8000-23000	8000-30600
	Rated Power Input W	1504	1572
	HSPF	10.5	10.5
	Max. Heating Capacity 5°F Btu/hr	23000	24000
	Max. Heating Capacity -15°F Btu/hr	17000	18000
Heating Ducted	Rated Heating Capacity 47°F Btu/hr	20000*	22000*
	Heating Capacity Range Btu/hr	8000-21000*	8000-28600*
	Rated Power Input W	1900*	2103*
	COP/ COP @ 5°F	2.94/1.9*	3.0/1.9*
	HSPF	9.6*	9.3*
	Max. Heating Capacity 5°F Btu/hr	19000*	20000*
Outdoor Unit	Max. Heating Capacity -15°F Btu/hr	15000*	16000*
	Maximum Fuse Size A	25	25
	Minimum Circuit Amp A	15	16
	Outdoor Fan Speed RPM	750	900
	Outdoor Noise Level dB	56	56
	Dimension: Height in (mm)	33.1 (840)	33.1 (840)
	Dimension: Width in (mm)	37.3 (948)	37.3 (948)
	Dimension: Depth in (mm)	13.4 (340)	13.4 (340)
	Weight (Ship/Net)- lbs (kg)	202.3/185.6 (91.7/84.2)	205.9/189.5 (93.4/85.9)
	Connectible indoor unit quantity	2	2 or 3
Refrigerate Line	Connections	Flare	Flare
	Liquid O.D. in	1/4 1/4	1/4 1/4 1/4
	Suction O.D. in	3/8 3/8	3/8 3/8 3/8
	Factory Charge Oz	99	99
	Maximum Line Length Ft / m	164/50	196/60
	Maximum Height Ft / m	50/15	50/15
Maximum Line Length (each individual indoor unit) Ft / m	82/25	82/25	

\* Preliminary specifications. Subject to change.

### Highwall Indoor

	AW07LC2VH(-)	AW09LC2VH(-)	AW12LC2VH(-)	AW18LC2VH(-)
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/350/295/235/205	410/350/295/235/205	440/380/320/265/215	636/530/483/430/383
Indoor Sound dB (Turbo/H/M/L/Quiet)	43/38/33/26/22	43/38/33/26/22	44/39/34/27/23	48/45/40/35/30
Dimension: H x W x D in (mm)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	12 3/4 x 39 1/4 x 9 1/4 (332 x 997 x 235)
Weight (Ship/Net)- lbs (kg)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	35.3/28.6 (16/13)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2

### Highwall Indoor

	AW07EH2VHA	AW09EH2VHA	AW12EH2VHA	AW18EH2VHA
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	19,000
Rated Heating Capacity Btu/hr	10,000	12,000	16,500	20,400
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	420/360/300/240/180	470/410/350/290/230	440/410/380/311/260	710/650/560/440/410
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/39/37/28/23	42/39/37/28/23	42/39/37/28/23	49/47/42/36/34
Dimension: H x W x D in (mm)	12 1/4 x 35 7/6 x 8 1/4 (310 x 900 x 210)	12 1/4 x 35 7/6 x 8 1/4 (310 x 900 x 210)	12 1/4 x 35 7/6 x 8 1/4 (310 x 900 x 210)	13 1/4 x 43 7/8 x 9 1/16 (336 x 1115 x 243)
Weight (Ship/Net)- lbs (kg)	30.9/25.3 (14/11.5)	30.9/25.3 (14/11.5)	30.9/25.3 (14/11.5)	45.4/37.5 (20.6/17)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2

### Ducted Indoor

	AD07SL2VH(-)	AD09SL2VH(-)	AD12SL2VH(-)	AD18SL2VH(-)
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	353/312/270/230/188	353/312/270/230/188	400/353/282/247/218	540/500/447/365/306
Max. Ext. Static Pressure in.W.G (Pa)	0.16 (40)	0.16 (40)	0.16 (40)	0.16 (40)
Indoor Sound dB (Turbo/H/M/L/Quiet)	35/33/29/26/21	35/33/29/26/22	38/35/29/26/23	31/29/23/29/25
Dimension: HxWxD in (mm)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 46 1/16 x 16 9/16 (185x1170x420)
Weight (Ship/Net)- lbs (kg)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	61.8/48.5 (28/22)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)

### Cassette Indoor

	AB09SC2VH(-)	AB12SC2VH(-)	AB18SC2VH(-)
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/40/36/32/25	42/40/36/32/25	45/42/40/36/32
Grille Model	PB-700IB	PB-700IB	PB-700IB
Chassis Dimension: HxWxD in (mm)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)
Grille Dimension: HxWxD in (mm)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)
Weight (Ship/Net)- lbs (kg)	46.3/37.5 (21/17)	46.3/37.5 (21/17)	46.3/37.5 (21/17)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)





Pairing a FlexFit 12,000 BTU or 18,000 BTU indoor unit with a single FlexFit 12,000 BTU or 18,000 BTU outdoor unit and choose from the unique design and performance benefits of three different unit types.

**Key Features**

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

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

**DRY**  
DRY FUNCTION  
Reduces indoor humidity level

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

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

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

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

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

**AUTO-CHANGEOVER**  
Automatically alternates from heating to cooling to maintain the set temperature

**CHILD LOCK**  
Prevents unintended and unsupervised use

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

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



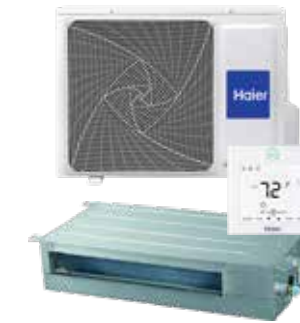
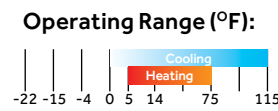
Scan this code with your smart device to learn more about FlexFit mini-splits.



**Specifications**

**Compressor Type:**  
DC Inverter Driven Rotary

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



**WiFi**  
VHB models compatible with WiFi Adapter (QAWF01A)

	Wall Mount	Slim Duct	Compact Cassette	
<b>Outdoor Unit</b>	1U12LC2VHA	1U18LC2VHA	1U12LC2VHA	
<b>Indoor Unit</b>	AW12LC2VH(-)	AW18LC2VH(-)	AD12SL2VH(-)	
	AD18SL2VH(-)	AB12SC2VH(-)	AB18SC2VH(-)	
<b>Cooling</b>	Rated Capacity Btu/hr Capacity Range Btu/hr Rated Power Input W SEER/EER Moisture Removal Pt./h	12,000 4,780-13,300 1,180 18.0/10.5 3.38	17,000 5,100-19,000 1,530 18.0/11.0 4.23	11,000 4,000-12,000 1,200 16.0/9.0 2.65
<b>Heating</b>	Rated Heating Capacity Btu/hr Heating Capacity Range Btu/hr Rated Power Input W HSPF	13,500 5,120-13,990 1,200 9.5	18,000 5,400-20,400 1,485 9.0	17,000 6,000-19,000 1,600 9.5
<b>Outdoor Unit</b>	Maximum Fuse Size A Minimum Circuit Amp A Outdoor Noise Level dB Dimension: Height in (mm) Dimension: Width in (mm) Dimension: Depth in (mm) Weight (Ship/Net)- lbs (kg)	15 14 53 21 1/4 (540) 30 3/4 (780) 9 5/8 (245) 75.4/68.8 (34.2/31.2)	20 17 54 27 (688) 31 7/8 (810) 11 5/16 (288) 100.3/94.8 (45.5/43)	15 14 53 21 1/4 (540) 30 3/4 (780) 9 5/8 (245) 75.4/68.8 (34.2/31.2)
<b>Indoor Unit</b>	Indoor Sound dB (Turbo/High/Med/Low/Quiet) Airflow CFM (Turbo/High/Med/Low/Quiet) Dimension: Height in (mm) Dimension: Width in (mm) Dimension: Depth in (mm) Max. Ext. Static in. W.G (Pa) Drainpipe Size O.D. in Internal Condensate Pump Max. Drain-Lift in (mm) Grille Model Grille Size: H×W×D in (mm) Weight (Ship/Net)-lbs (kg)	41/40/34/27/23 353/294/277/259/230 11 (280) 33 5/8 (855) 8 1/16 (204) NA NA NA NA 26.9/22.05 (12.2/10)	46/45/40/35/25 636/530/483/430/383 12 3/4 (322) 39 1/4 (997) 9 1/4 (235) NA NA NA NA 35.3/28.7 (16/13)	38/35/29/26/23 400/353/282/247/218 7 5/16 (185) 33 7/16 (850) 16 9/16 (420) 0.16 (40) 1 1/4 Standard NA NA 47.2/36.8 (21.4/16.7)
<b>Piping</b>	Connections Liquid/Suction O.D. in Factory Charge Oz Maximum Line Length Ft / m Maximum Height Ft / m	Flare 1/4 3/8 42.3 50/15 33/10	Flare 1/4 1/2 45.9 83/25 50/15	Flare 1/4 3/8 42.3 50/15 33/10

# Multi-Zone Systems

3 outdoor units. 14 indoor units. 1,000+ combinations.

Haier FlexFit multi-zone systems can operate from 2 to 4 indoor units simultaneously with individual zone control. With outdoor units able to supply up to 48,000 BTU of heating/cooling capacity across four separate zones, the FlexFit Multi-Zone series gives you freedom like never before.

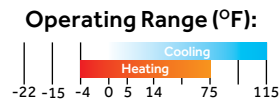
Scan this code with your smart device to learn more about FlexFit multi-zone mini-splits.



## Specifications

**Compressor Type:**  
DC Inverter Driven Rotary

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



**2 Zones**



**3 Zones**



**4 Zones**



Outdoor Units		2U18MS2VHB	3U24MS2VHB	4U36MS2VHB
Cooling Non-ducted	Rated Capacity Btu/hr	17,400	22,600	34,000
	Capacity Range Btu/hr	4,400-19,400	5,000-24,500	5,000-36,000
	Rated Power Input W	1,650	2,250	3,770
	SEER/EER	16.0/10.5	18.0/10.0	18.0/9.0
Cooling Ducted	Rated Capacity Btu/hr	15,000	21,000	31,000
	Capacity Range Btu/hr	4,400-19,400	5,000-23,000	5,000-34,000
	Rated Power Input W	1,760	2,416	3,590
	SEER/EER	16.0/8.5	16.0/8.5	16.0/8.5
Heating Non-ducted	Rated Heating Capacity 47°F Btu/hr	19,200	23,000	34,600
	Heating Capacity Range Btu/hr	6,100-22,100	6,100-25,500	6,100-36,500
	Rated Power Input W	1,570	1,700	2,650
	HSPF	9.0	10.0	10.0
Heating Ducted	Rated Heating Capacity 17°F Btu/hr	13,000	15,000	22,000
	Rated Heating Capacity 47°F Btu/hr	18,000	22,000	33,000
	Heating Capacity Range Btu/hr	6,100-22,100	6,100-25,000	6,100-35,000
	Rated Power Input W	1,700	2,100	3,000
Outdoor Unit	HSPF	8.5	8.5	9.0
	Rated Heating Capacity 17°F Btu/hr	10,000	14,000	21,000
	Maximum Fuse Size A	25	25	30
	Minimum Circuit Amp A	15	18	23
	Outdoor Fan Speed RPM	300 - 900	300 - 900	300 - 900
	Outdoor Noise Level dB	53	54	56
	Dimension: Height in (mm)	27 1/16 (688)	28 3/4 (730)	33 1/16 (840)
	Dimension: Width in (mm)	31 7/8 (810)	33 7/8 (860)	37 5/16 (948)
	Dimension: Depth in (mm)	11 5/16 (288)	12 1/8 (308)	13 3/8 (340)
	Weight (Ship/Net)- lbs (kg)	102.5/95.9 (46.5/43.5)	123.4/116.8 (56/53)	191.8/167.5 (87/76)
Connectable Indoor unit quantity	2	2 or 3	2, 3 or 4	
Piping	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4 1/4	1/4 1/4 1/4	1/4 1/4 1/4 1/4
	Suction O.D. in	3/8 3/8	3/8 3/8 3/8	3/8 3/8 3/8 1/2
	Factory Charge Oz	49.5	67.0	113.0
	Maximum Line Length Ft / m	100/30	200/60	230/70
	Maximum Height Ft / m	50/15	50/15	50/15
Maximum Line Length (each individual indoor unit) Ft / m	65/25	82/25	82/25	

### Highwall Indoor

	AW07LC2VH(-)	AW09LC2VH(-)	AW12LC2VH(-)	AW18LC2VH(-)	AW24LP2VH(-)
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000	22,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000	24,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/350/295/235/205	410/350/295/235/205	440/380/320/265/215	636/530/483/430/383	710/650/560/440/410
Indoor Sound dB (Turbo/H/M/L/Quiet)	43/38/33/26/22	43/38/33/26/22	44/39/34/27/23	48/45/40/35/30	49/47/42/36/34
Dimension: H x W x D in (mm)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	12 3/4 x 39 1/4 x 9 1/4 (332 x 997 x 235)	13 1/4 x 43 7/8 x 9 9/16 (336 x 1115 x 243)
Weight (Ship/Net)- lbs (kg)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	35.3/28.6 (16/13)	45.4/37.5 (20.6/17)
Liquid /Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2	3/8 5/8

### Ducted Indoor

	AD07SL2VH(-)	AD09SL2VH(-)	AD12SL2VH(-)	AD18SL2VH(-)	AM24LP2VH(-)
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000	24000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000	27000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	353/312/270/230/188	353/312/270/230/188	400/353/282/247/218	540/500/447/365/306	845/670/530/470
Max. Ext. Static Pressure in.W.G (Pa)	0.16 (40)	0.16 (40)	0.16 (40)	0.16 (40)	0.6 (150)
Indoor Sound dB (Turbo/H/M/L/Quiet)	35/33/29/26/21	35/33/29/26/22	38/35/29/26/23	31/29/23/29/25	38/35/32/29
Dimension: HxWxD in (mm)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 33 7/16 x 16 9/16 (185x850x420)	7 5/16 x 46 1/16 x 16 9/16 (185x1170x420)	9 7/8 x 37 5/8 x 25 3/4 (250x957x655)
Weight (Ship/Net)- lbs (kg)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	61.8/48.5 (28/22)	68.8/81.1 (31.2/36.8)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2	3/8 5/8
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)

### Cassette Indoor

	AB09SC2VH(-)	AB12SC2VH(-)	AB18SC2VH(-)	AL24LP2VH(-)
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000	24200
Rated Heating Capacity Btu/hr	10,000	13,000	19,000	27300
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252	740/630/480/400
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/40/36/32/25	42/40/36/32/25	45/42/40/36/32	38/35/32/29
Grille Model	PB-700IB	PB-700IB	PB-700IB	PB-950KB
Chassis Dimension: HxWxD in (mm)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)	10 1/4 x 22 7/16 x 2 3/8 (260 x 570 x 570)	9 5/8 x 33 1/8 x 33 1/8 (246 x 840 x 840)
Grille Dimension: HxWxD in (mm)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 x 3 1/8 x 3 1/8 (50 x 950 x 950)
Weight (Ship/Net)- lbs (kg)	46.3/37.5 (21/17)	46.3/37.5 (21/17)	46.3/37.5 (21/17)	68.4/79.4 (31/36)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2	3/8 5/8
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	47 1/4(1200)





Our top-of-the-line system allows optimal configurations of ductless indoor and outdoor units up to 17 SEER. Designed with cost-effectiveness in mind, Haier FlexFit ductless systems provide a solution to the most demanding comfort needs.

**Key Features**

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

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

**-4°F HEATING**  
Low ambient heating down to -4°F (-20°C)

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

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

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

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

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

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

**CHILD LOCK**  
Prevents unintended and unsupervised use

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

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

**OPTIONAL WIRED REMOTE CONTROLLER**  
Sleek looking thermostat to control the ductless split system

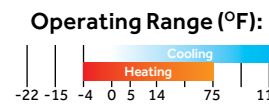
**SELF-DIAGNOSIS**  
The LED display can also show the error code and provide an easier way to service the unit

**FlexFit Pro SERIES**

**Specifications**

**Compressor Type:**  
DC Inverter Driven Rotary

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



	High Wall	High Static Duct	High Static Duct			Large Cassette		
Outdoor Unit	1U24LP2VHA	1U36LP2VHA	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA
Indoor Unit	AW24LP2VH(-)	AW36LP2VH(-)	AM24LP2VH(-)	AM36LP2VH(-)	AM48LP2VH(-)	AL24LP2VH(-)	AL36LP2VH(-)	AL48LP2VH(-)
<b>Cooling</b>								
Rated Capacity Btu/hr	24000	35000	24000	35000	47000	24000	35000	45000
Capacity Range Btu/hr	6800-30700	8500-37500	6800-30700	8500-37500	11900-54500	6800-27000	8500-37500	11900-52800
Rated Power Input W	2,182	3,500	2,182	3,500	4,476	2,087	3,500	4,286
SEER/EER	17.0/10.0	17.0/8.6	17.0/11.0	17.0/10.0	17.0/10.5	17.0/11.5	17.0/10.0	17.0/10.5
Moisture Removal Pt./h	4.10	5.1	5.1	6.8	11.0	5.1	6.3	11.0
<b>Heating</b>								
Rated Heating Capacity Btu/hr	27000	37000	26500	37500	52000	27300	36500	49000
Heating Capacity Range Btu/hr	6800-34100	8500-41000	6800-34100	8500-41000	13600-64800	6800-30500	8500-38500	13600-61000
Rated Power Input W	2700	3700	2,089	3,283	4,407	2,281	3,253	4,533
HSPF	10.0	10.0	11.0	10.5	10.0	10.0	10.3	10.5
Maximum Fuse Size A	25	30	25	30	40	25	30	40
Minimum Circuit Amp A	21	26	21	26	35	21	26	35
Outdoor Noise Level dB	47	52	47	52	53	47	52	53
<b>Outdoor Unit</b>								
Dimension: Height in (mm)	38 (965)	38 (965)	38 (965)	38 (965)	53 1/8 (1350)	38 (965)	38 (965)	53 1/8 (1350)
Dimension: Width in (mm)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (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)	14 5/8 (370)	14 5/8 (370)	14 5/8 (370)
Weight (Ship/Net)- lbs (kg)	202.8/176.4 (92/80)	207.2/180.7 (94/82)	202.8/176.4 (92/80)	207.2/180.7 (94/82)	260.1/231.5 (118/105)	202.8/176.4 (92/80)	207.2/180.7 (94/82)	260.1/231.5 (118/105)
<b>Indoor Unit</b>								
Indoor Sound dB (Turbo/High/Med/Low/Quiet)	49/47/42/36/34	50/48/44/38/36	38/35/32/29	32/28/25/23	41/36/33/31	36/33/29/26	45/42/38/34	41/36/33/31
Airflow CFM (Turbo/High/Med/Low/Quiet)	710/650/560/440/410	720/660/570/450/420	845/670/530/470	1100/950/735/675	1350/1150/930/765	740/630/480/400	990/900/776/700	1147/941/847/705
Dimension: Height in (mm)	13 1/4 (336)	14 3/8 (365)	9 7/8 (250)	9 7/8 (250)	9 7/8 (250)	9 5/8 (246)	9 5/8 (246)	11 3/8 (288)
Dimension: Width in (mm)	43 7/8 (1115)	51 13/16 (1316)	37 5/8 (957)	59 (1500)	59 (1500)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
Dimension: Depth in (mm)	9 9/16 (243)	10 7/8 (275)	25 3/4 (655)	28 3/8 (720)	28 3/8 (720)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
Max. Ext. Static in.W.G (Pa)	NA	NA	0.6(150)	0.6(150)	0.6(150)	NA	NA	NA
Drainpipe Size O.D. in	NA	NA	1 1/4	1 1/4	1 1/4	1	1	1
Internal Condensate Pump	NA	NA	Standard	Standard	Standard	Standard	Standard	Standard
Max. Drain-Lift in (mm)	NA	NA	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	39 3/8 (1000)	39 3/8 (1000)	39 3/8 (1000)
Grille Model	NA	NA	NA	NA	NA	PB-950KB	PB-950KB	PB-950KB
Grille Size: H×W×D in (mm)	NA	NA	NA	NA	NA	2 × 37 3/8 × 37 3/8 (50×950×950)	2 × 37 3/8 × 37 3/8 (50×950×950)	2 × 37 3/8 × 37 3/8 (50×950×950)
Weight (Ship/Net)-lbs (kg)	45.4/37.5 (20.6/17)	55.1/46.3 (25.5/21)	81.1/68.8 (36.8/31.2)	130.1/121.3 (59/55)	132.3/114.6 (60/52)	79.4/68.3 (36/31)	79.4/68.3 (36/31)	83.8/70.5 (38/32)
<b>Piping</b>								
Connections	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Liquid/Suction O.D. in	3/8 5/8	3/8 5/8	3/8 5/8	3/8 5/8	3/8 5/8	3/8 5/8	3/8 5/8	3/8 5/8
Factory Charge Oz	88.2	88.2	88.2	88.2	131.0	88.2	88.2	131.0
Maximum Line Length Ft / m	165/50	165/50	165/50	165/50	230/75	165/50	165/50	230/75
Maximum Height Ft / m	100/30	100/30	100/30	100/30	100/30	100/30	100/30	100/30



## Controllers

Haier controls allow the user to take command of their environment. With convenient user-friendly button layouts and clear graphic displays, the system can be easily set to meet and maintain all comfort demand needs.

### Wired Mounted Remote Controllers



Color screen wired controller optional for Arctic, Advanced, FlexFit Wall mount/cassette/ slim duct



Wired controllers for FlexFit slim duct and high static duct. Optional for Arctic, Advanced series, FlexFit wall mount and cassette indoor.



	YR-E16B	YR-E17	QACT17A
Power Supply	12V AC		12V AC
Controllable Indoor Groups	Up to 16		Up to 16
On/Off	•		•
Modes	Auto-Cool-Dry-Heat-Fan-Auto		Auto-Cool-Dry-Heat-Fan-Auto
Precise Temperature Control +/- 1F (+/- 0.5C)	•		•
Fan Speed Adjustment	•		•
Turbo	•		•
Quiet	•		•
Airflow Direction - Up Down	•		•
Airflow Direction - Left Right	•		•
Four-Way Cassette Blade Control	•		•
Indoor Temperature Display	•		•
Filter Change Reminder	500 hr		500 hr
Clock	•		•
Error Code Reporting/Recording	•		•
Control Lock	•		•
Daily Program	•		•
Weekly Program	•		•
Sleep	•		•
Backlight	•		•
Fahrenheit/Celsius Display	•		•
Temperature Range Limit	•		•
Temperature Compensation	•		•
Static Pressure Setting	•		•
Groups Setting	•		•
Password	•		•

### Wireless Hand-Held Controllers



Ships with highwall and compact cassette



Ships with large cassette

	YR-HG	YR-HBS01
24-Hour Time		•
Individual Control	•	•
Backlight	•	•
Up & Down Louver Oscillating Control	•	•
Left & Right Louver Oscillating Control	•	•
Four-Way Cassette Air Supply Control		•
Child Lock	•	•
Indoor LED Display On/Off	•	•
Fahrenheit/Celsius Display	•	•
Precise Temperature Control +/- 1F (+/- 0.5C)	•	•



**WK-B**  
Wired controller kit for wall mount indoor. Required for wall mount units controlled by wired remote controller (YR-E17 or YR-E16B).

## High Wall WiFi Adapter

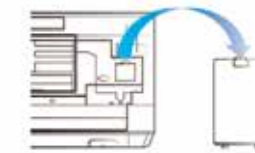


# Plug & Play WiFi



1

Switch off power and open the cover panel



2

Remove WiFi panel access cover



3

Install the USB WiFi module



4

Replace the WiFi panel cover and close the unit cover panel

### The convenience of controlling the system from anyplace, at any time!

Simply plug the USB WiFi module into the indoor unit, download the Haier Home APP to a smart device, link the equipment to the smart device, and follow the easy linking instructions.

#### WiFi Control Features:

- Cool
- Heat
- Fan
- Dry
- Auto
- On/Off
- Temperature adjustment
- Weekly schedule
- Louver swing
- Room temperature settings
- Show degrees in F or C



Part.#	Description
QAWF01A	WiFi Module for Highwall Indoor

#### WiFi Compatible Units

##### Arctic Series

AW09EH2VHA  
AW12EH2VHA  
AW18EH2VHA

##### Advanced Series

AW09ES2VHB  
AW12ES2VHB  
AW18ES2VHB  
AW24ES2VHB

##### Advanced Plus Series

AW09ES2VHB  
AW12ES2VHB  
AW18ES2VHB  
AW24ES2VHB

##### Tempo Series

AW18TE2VHA  
AW24TE2VHA

##### FlexFit Series

AW07LC2VHB  
AW09LC2VHB  
AW12LC2VHB  
AW18LC2VHB  
AW24LP2VHA  
AW36LP2VHA



Home App





## Ductless Wind Baffle

The Haier ductless wind baffle is fabricated from durable 20 gauge G90 galvanized steel. Color-matched & powder coated to blend beautifully with Haier ductless outdoor units, the ductless wind baffle is engineered to provide optimal performance when operating the outdoor unit in cold, harsh climates.



### Features & Benefits

- Increases the unit's reliability in extremely cold temperatures.
- Helps keep snow and ice from clogging the outdoor coil.
- Protects the outdoor coil from high winds.
- Prevents outdoor fan counter rotation.
- Reduces defrost cycles.
- Maintains a comfortable indoor temperature.
- Boosts low ambient cooling performance for mechanical or server room applications.
- Easy installation.
- Embossed Haier Logo.

Compatible with these outdoor units:

Series	Outdoor Model #	Wind Baffle Model #
Tempo	1U09TE1VHA	QAWB41A
	1U12TE1VHA	QAWB41A
	1U18TE2VHA	QAWB37A
	1U24TE2VHA	QAWB45A
Advanced	1U09ES2VHA	QAWB42A
	1U12ES2VHA	QAWB42A
	1U18ES2VHA	QAWB37A
Arctic	1U24ES2VHA	QAWB45A
	1U09EH2VHA	QAWB39A
	1U12EH2VHA	QAWB39A
FlexFit	1U18EH2VHA	QAWB45A
	2U18MS2VHB	QAWB43A
	3U24MS2VHB	QAWB44A
	4U36MS2VHB	QAWB40A
	1U18LC2VHA	QAWB43A
	1U24LP2VHA	QAWB38A
	1U36LP2VHA	QAWB38A
1U48LP2VHA	QAWB38A (requires 2)	



## Panels



**PB-700IB**  
Panel for 2'x2' cassette  
Must order PB-700IB separately with the purchase of compact cassette models:  
AB09SC2VHA  
AB12SC2VHA  
AB18SC2VHA



**PB-950KB**  
Panel for 3'x3' cassette  
Must order PB-950KB separately with the purchase of large cassette models:  
AL24LP2VHA  
AL36LP2VHA  
AL48LP2VHA



**PB-950MB**  
"Intelligent Eye" motion sensing panel for 3'x3' cassette  
Must order PB-950MB separately with the purchase of large cassette models:  
AL24LP2VHA  
AL36LP2VHA  
AL48LP2VHA

## Return Air Grilles



**PAD0890RA**  
Optional return air grille for slim duct models:  
AD07SL2VH(-)  
AD09SL2VH(-)  
AD12SL2VH(-)

**PAD1210RA**  
Optional return air grille for slim duct model:  
AD18SL2VH(-)

## Supply Air Grilles

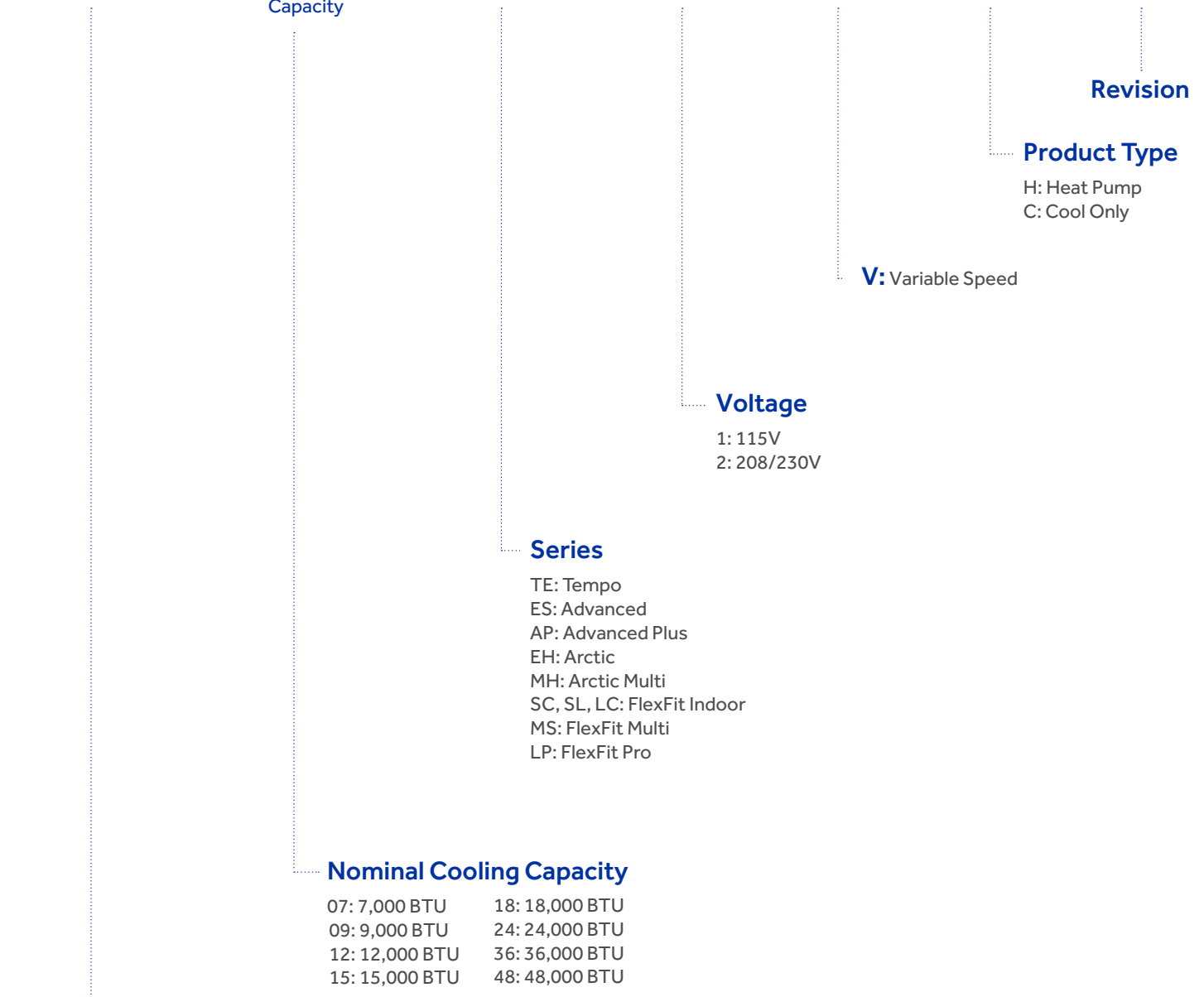


**PAD0890SA**  
Optional supply air grille for slim duct models:  
AD07SL2VH(-)  
AD09SL2VH(-)  
AD12SL2VH(-)

**PAD1210SA**  
Optional return supply grille for slim duct model:  
AD18SL2VH(-)



Product Category    Nominal Cooling Capacity    Series    Voltage    V    Product Type    Revision



## Now Available.....

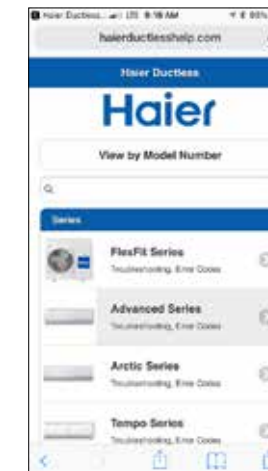
The Haier Ductless Help app is a convenient technical support resource available to installers and servicers of Haier branded ductless HVAC systems. It is available on both Apple and Android smartphone platforms.

The app features both online and offline tools. The online tools require a wireless internet connection for instant access to [haierductless.com](http://haierductless.com) and [haierductlesshelp.com](http://haierductlesshelp.com) support resources. The app-based offline tools and calculators do not require internet access.



### Online Tools

#### Tools and Troubleshooting



#### Technical Resource Center



#### Product Overview & Info



### Offline Tools (iOS version only. Android version coming soon)

#### Error Code Lookup



#### Troubleshooting Flowcharts



#### Refrigerant Charge Calculators





# 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 7-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.haierductless.com](http://www.haierductless.com) > support > product registration.



## 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.

### Rebates

With their high SEER and EER ratings, Haier ductless systems could earn your customers very attractive rebates.

Learn more by visiting:

**ENERGY STAR**  
[energystar.gov](http://energystar.gov)

**Database of State Incentives for  
Renewables & Efficiency**  
[dsireusa.org](http://dsireusa.org)

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For more info visit us:



[www.Haierductless.com](http://www.Haierductless.com)



[www.Haierductlesshelp.com](http://www.Haierductlesshelp.com)



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a Haier company



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