

Haier

2022 HVAC SELECTION GUIDE

North America



GE APPLIANCES
a Haier company

AIR&WATER
SOLUTIONS





WATER HEATING & TREATMENT | COMMERCIAL AC | DUCTLESS & VRV

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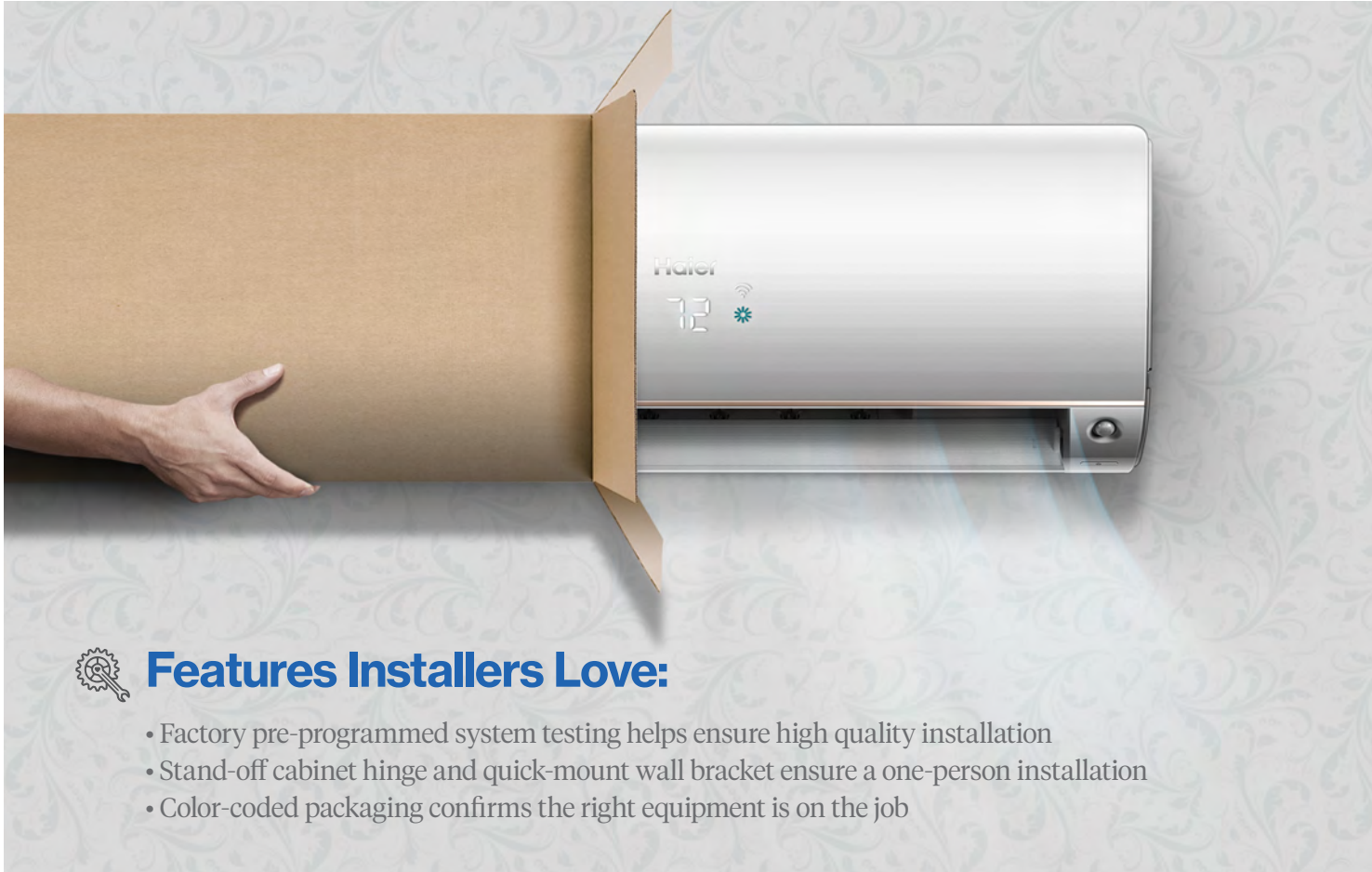
Haier



Ductless Mini-Splits from the **#1** Major appliance brand in the world.*

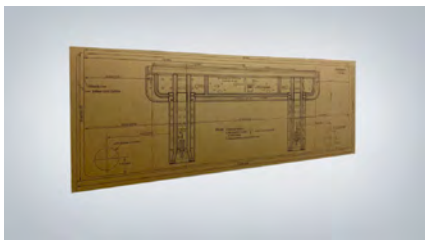
Haier ductless mini split systems offer a completely comfortable heating and cooling experience. Easy to install, own and love, our flexible systems are energy efficient, maintain consistent room temperatures, and help to control your home's indoor air quality, perfectly. You also have the peace of mind from knowing that all this comfort is backed by one of the best warranties in the industry — and by the experts at GE Appliances Air & Water Solutions.

*Euromonitor 2021



Features Installers Love:

- Factory pre-programmed system testing helps ensure high quality installation
- Stand-off cabinet hinge and quick-mount wall bracket ensure a one-person installation
- Color-coded packaging confirms the right equipment is on the job



Mounting Template

Printed cardboard mounting template is convenient for single-person installation.



Mounting plate with dimensions

Get the centerline of the line set and drain opening in the right location, each time and every time.



Extended kickstand

Stand-off hinge allows more hand space for line set and drain connections, service, and maintenance.



Easy access control board

PCB pops out for quick component and wiring checks, without removing the casing!



Easy access fan motor

Simplifies maintenance or removal without disassembling the evaporator.



Detachable bottom cover

Easy contractor access for connecting advanced diagnostic service tools.

Easy to Service



SmartHQ service allows you to communicate directly with ductless systems for real-time diagnosis so you can quickly isolate and test components!

Revolutionize the way you diagnose Haier ductless systems



Communicate digitally with ductless systems for real-time diagnosis



Identify root cause of issues quickly and effectively



Extend the life of ductless systems through proactive maintenance

BENEFITS

- ✓ Increase efficiency
- ✓ Reduce cost
- ✓ Increase first time completes
- ✓ Avoid unnecessary repairs



Download from the App Store or Google Play.



SmartHQ Service Module (separate purchase) required.
SmartHQ connectivity varies by model. See SmartHQ Compatibility (page 6) for model compatibility specifications.



The most advanced smart appliances and service company designed to make our owners' lives easier, provide peace of mind and enhance performance.

CONVENIENCE

With SmartHQ, we make your customer's lives easier by simplifying everyday activities and chores, and by helping them stay in control no matter where they are — like allowing them to start their highwall unit on the way home.

PERFORMANCE

Our ductless systems evolve with changing needs — accepting over-the-air (OTA) updates that can improve performance, add new features, or fix potential issues.

VOICE CONTROL

Simply connect one or more Haier smart ductless systems to WiFi for hands-free temperature control.




The SmartHQ App effortlessly connects to the air conditioner to intelligently control the living space comfort settings.

All connected appliance data is held in strict accordance with the Haier Appliances Connected Data Privacy Policy.

SmartHQ connectivity varies by model. See SmartHQ Compatibility (page 6) for model compatibility specifications.



 works with the Google Assistant

Google Assistant

Ask Google Assistant questions and let it help get things done.



 JUST ASK alexa

Amazon Alexa

Alexa is Amazon's voice service that enables interaction with smart home devices in a more intuitive way.

GETTING STARTED

To connect to the indoor unit, the SMART HQ App is required. The app will walk the user through the connection process.



Download from the App Store or Google Play.







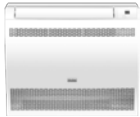


SmartHQ Compatibility



SmartHQ adaptable models provide enhanced performance, control, maintenance, and service via your customer's WiFi network. WiFi connectivity is required for SmartHQ application. For homeowners and service professionals alike, SmartHQ makes life easier.



Series	Indoor Model Number	WiFi Built-In*	WiFi Adaptable**
SmartHQ HighWall Models			
 Tempo	AW09TE1VHA		•
	AW12TE1VHA		•
	AW09TE2VHA	•	
	AW12TE2VHA	•	
	AW18TE2VHA		•
	AW24TE2VHA		•
	AW24TL2HFA	•	
	AW30TL2HFA	•	
 Advanced Plus	AW09ES2VHB		•
	AW12ES2VHB		•
	AW15ES2VHB		•
	AW18ES2VHB		•
	AW24ES2VHB		•
 Arctic	AW09EH2VHD	•	
	AW12EH2VHD	•	
	AW18EH2VHD	•	
 FlexFit Pro	AW24LP2VHA		•
	AW36LP2VHA		•
 Arctic Multi-Zone FlexFit Multi-Zone	AW07TC2HDA	•	
	AW09TC2HDA	•	
	AW12TC2HDA	•	
	AW18TC2HDA	•	
	AW24TC2HDA	•	
	AW07LC2VHB		•
	AW09LC2VHB		•
	AW12LC2VHB		•
	AW18LC2VHB		•
	AW24LP2VHA		•
SmartHQ Ducted Models			
 Arctic Arctic Multi-Zone FlexFit Multi-Zone	USYM09UCDSA	•	
	USYM12UCDSA	•	
	USYM18UCDSA	•	
SmartHQ Console Models			
 Arctic Arctic Multi-Zone FlexFit Multi-Zone	USYF09UCDWA	•	
	USYF12UCDWA	•	
	USYF18UCDWA	•	

*Built-in models do not require accessory WiFi Adapter.
**Adaptable models require accessory WiFi Adapter QAWF01A

Accessory WiFi Adapter

Model Number	Description
QAWF01A	WiFi Adapter for Highwall Indoor



Download from the App Store or Google Play.



System Comparison

Exceptional Value

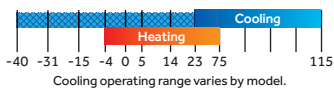
Tempo SERIES



The Tempo Series provides exceptional value with inverter heat pump technology with efficiencies up to 18 SEER.

- 9k, 12k BTU 115V options and 9k, 12k, 18k, and 24k BTU 230V options available
- 24k, 30k, and 36k BTU Low Ambient Cooling Options available

Operating Range (°F):



Key Features

- A-Pam DC Inverter
- 3-D Airflow
- Easy Installation Clip
- Blue Fin Coils
- Quiet Mode
- Warm Start
- 2-Way Piping Drain
- Turbo Mode
- Auto Louver
- Smart HQ*

*Accessory WiFi Adapter required for select models

Advanced Features

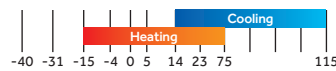
Advanced Plus SERIES



The ultimate combination of performance and comfort delivering efficiencies up to 23.5 SEER. Great choice for applications with Energy Star requirements.

- 9k, 12k, 15k, 18k, and 24k BTU options available

Operating Range (°F):



Key Features

- A-Pam DC Inverter
- Low Ambient Warm Air
- 3-D Airflow
- Easy Installation Clip
- Blue Fin Coils
- Quiet Mode
- Warm Start
- 2-Way Piping Drain
- Turbo Mode
- Auto Louver
- Smart HQ*
- Long Distance Air Supply
- Base Pan Heater

*Accessory WiFi Adapter required for select models

Premium Performance

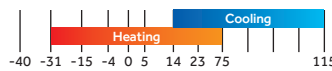
Arctic SERIES



Our highest performing system delivers exceptional year-round comfort with efficiencies up to 30 SEER.

- 9k, 12k, and 18k BTU highwall, console, cassette, or mid-static ducted options available

Operating Range (°F):



Key Features

- A-Pam DC Inverter
- Low Ambient Warm Air
- 3-D Airflow
- Easy Installation Clip
- Blue Fin Coils
- Quiet Mode
- Warm Start
- 2-Way Piping Drain
- Turbo Mode
- Auto Louver
- Smart HQ
- Long Distance Air Supply
- Base Pan Heater
- Low Ambient 100%
- Smart Sensor

Modular Flexibility

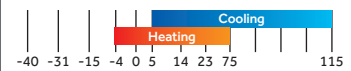
FlexFit SERIES



The FlexFit series allows for a generous selection of indoor options at higher BTUs with long-distance air supply leading to flexibility in installation.

- 24k and 36k BTU highwall options and 24k, 36k and 48k BTU high-static duct and large cassette models available

Operating Range (°F):



Key Features

- A-Pam DC Inverter
- Low Ambient Warm Air
- 3-D Airflow
- Easy Installation Clip
- Blue Fin Coils
- Quiet Mode
- Warm Start
- 2-Way Piping Drain
- Turbo Mode
- Auto Louver
- Smart HQ*
- Long Distance Air Supply

*Highwall models



Single Zone Systems



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

Tempo Series offers efficiency and value with outstanding inverter technology performance. Capable of heating down to -4°F (-20°C), cooling up to 115°F (46°C), and available with capacities of 09k, 12k, 18k, and 24k. 09k and 12k available for both 115V and 208/230V.

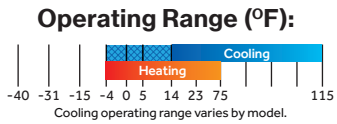
Key Features

- | | |
|--|---|
|  <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> |  <p>-4°F HEATING
Low ambient heating down to -4°F (-20°C)</p> |
|  <p>EASY INSTALLATION CLIP
Built-in bracket allows more room to install and service</p> |  <p>BLUE FIN
A hydrophilic aluminum fin ensures condensing water flows smoothly</p> |
|  <p>QUIET MODE
Minimizes indoor noise while maintaining comfort levels</p> |  <p>WARM START
Ensures the fan will not blow cold air during heating mode startup</p> |
|  <p>2-WAY PIPING DRAIN
Right or left side drain configuration simplifies installation</p> |  <p>TURBO MODE
Cools or heats the room quickly</p> |
|  <p>AUTO LOUVER
Adjusts airflow upward when cooling, or downward when heating</p> |  <p>115V EASY ELECTRIC WIRING
9k and 12k available with 230V or 115V options</p> |
| <p>DRY</p> <p>DRY FUNCTION
Reduces indoor humidity level</p> |  <p>CHILD LOCK
Prevents unintended and unsupervised use</p> |

Specifications

Compressor Type:
DC Inverter Driven Rotary

Voltage/Cycle/Phase:
115/60/1:
09TE1, 12TE1
208-230/60/1:
09TE2, 12TE2, 18TE2, 24TE2



	09TE1	12TE1	09TE2	12TE2	18TE2	24TE2
Outdoor Unit	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA
UPC	6-88057-40817-0	6-88057-40819-4	0-84691-85533-0	0-84691-85535-4	6-88057-40821-7	6-88057-40823-1
Indoor Unit	AW09TE1VHA	AW12TE1VHA	AW09TE2VHA	AW12TE2VHA	AW18TE2VHA	AW24TE2VHA
UPC	6-88057-40816-3	6-88057-40818-7	0-84691-85532-3	0-84691-85534-7	6-88057-40820-0	6-88057-40822-4
Cooling						
Rated Capacity Btu/hr	9,000	12,000	9,000	12,000	18,000	24,000
Capacity Range Btu/hr	3,800-12,000	4,100-12,500	3,800-10,000	4,100-13,000	5,000-19,000	6,500-26,000
Rated Power Input W	810	1,200	800	1,100	1,650	2,150
SEER/EER	16/11.0	16/11.0	18/11.0	18/11.0	16/10.0	16/10.0
Moisture Removal Pt./hr	2.5	3.4	2.3	3.4	4.2	5.9
Heating						
Rated Heating Capacity 47°F Btu/hr	10,000	12,000	10,000	12,000	19,000	26,000
COP 47°F	3.25	2.93	4.15	3.79	3.22	3.22
Heating Capacity Range Btu/hr	4,100-12,000	4,500-16,000	4,100-11,000	4,500-13,000	5,400-22,000	6,800-28,000
Rated Heating Capacity 17°F Btu/hr	5,600	7,800	5,000	7,500	11,200	16,600
Max. Heating Capacity 17°F Btu/hr	7,500	11,200	7,500	10,000	16,900	20,700
Max. Heating Capacity 5°F Btu/hr	6,900	8,930	6,000	8,500	13,600	16,400
Max. Heating Capacity -4°F Btu/hr	5,300	7,100	5,000	7,500	11,200	13,800
Rated Power Input W	850	1,000	750	980	1,700	2,400
HSPF	9.0	9.0	10.0	10.0	9.0	9.0
Operating Range						
Cooling °F (°C)	14-115°F (-10-46°C)	14-115°F (-10-46°C)	-4-115°F (-20-46°C)	-4-115°F (-20-46°C)	0-115°F (-17-46°C)	0-115°F (-17-46°C)
Heating °F (°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)
Outdoor Unit						
Maximum Fuse Size A	20	20	15	15	20	25
Minimum Circuit Amp A	18	18	12	12	17	19
Outdoor Noise Level dB	47	50	48	50	56	53
Dimension: Height in (mm)	21 1/4 (540)	21 1/4 (540)	21 3/4 (553)	21 3/4 (553)	27 7/16 (697)	30 (762)
Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	31 1/2 (800)	31 1/2 (800)	35 (890)	36 3/16 (920)
Dimension: Depth in (mm)	9 5/8 (245)	9 5/8 (245)	10 7/8 (275)	10 7/8 (275)	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)	76.1/63.5 (34.5/28.8)	82.2/69.7 (37.3/31.6)	105.8/97.0 (48.0/44.0)	121.3/112.5 (55.0/51.0)
Indoor Unit						
Fan Speed Stages	5 + Auto	5 + Auto	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	421/332/292/242/200	426/360/310/265/200	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	42/36/33/29/26	42/38/34/31/26	45/43/39/36/33	47/45/40/37/34
Dimension: Height in (mm)	11 7/16 (290)	11 7/16 (290)	11 7/8 (301)	11 7/8 (301)	12 1/2 (318)	13 3/16 (335)
Dimension: Width in (mm)	34 (864)	34 (864)	33 3/4 (856)	33 3/4 (856)	39 11/16 (1008)	44 5/16 (1125)
Dimension: Depth in (mm)	7 7/8 (200)	7 7/8 (200)	7 3/4 (196)	7 3/4 (196)	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)	26.9/21.2 (12.2/9.6)	26.9/21.2 (12.2/9.6)	33.1/26.5 (15.0/12.0)	38.6/30.9 (17.5/14.0)
Refrigerant Lines						
Connections	Flare	Flare	Flare	Flare	Flare	Flare
Liquid O.D. in	1/4	1/4	1/4	1/4	1/4	1/4
Suction O.D. in	3/8	3/8	3/8	3/8	1/2	1/2
Factory Charge Oz	26.5	35.3	32.8	40.6	40.6	67.0
Maximum Line Length Ft / m	66/20	66/20	66/20	66/20	83/25	83/25
Maximum Height Ft / m	33/10	33/10	33/10	33/10	50/15	50/15

*The Tempo Series will continuously operate at -4°F(-20°C).

Single Zone Systems



-40°F Low Ambient Cooling



Tempo Series low ambient models offer efficiency and value with outstanding inverter technology performance. Capable of heating down to -4°F (-20°C), and with additional accessories and requirements, cooling down to -40°F (-40°C) up to 115°F (46°C). Available with capacities of 24k, 30k, and 36k.

Key Features

- DC INVERTER**
A-PAM DC INVERTER
 Latest high efficiency DC inverter technology
- 4°F HEATING**
 Low ambient heating down to -4°F (-20°C)
- 40°F COOLING**
 Low ambient cooling down to -40°F (-40°C)
- BLUE FIN**
 A hydrophilic aluminum fin ensures condensing water flows smoothly
- EASY INSTALLATION CLIP**
 Built-in bracket allows more room to install and service
- WARM START**
 Ensures the fan will not blow cold air during heating mode startup
- QUIET MODE**
 Minimizes indoor noise while maintaining comfort levels
- TURBO MODE**
 Cools or heats the room quickly
- 2-WAY PIPING DRAIN**
 Right or left side drain configuration simplifies installation
- DRY**
DRY FUNCTION
 Reduces indoor humidity level
- AUTO LOUVER**
 Adjusts airflow upward when cooling, or downward when heating
- CHILD LOCK**
 Prevents unintended and unsupervised use



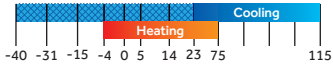
Scan this code with your smart device to learn more about Tempo mini-splits.

Specifications

Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



Cooling operation below 23°F requires additional accessories: Front wind baffle model UAWB46A; Back and Side wind baffle (Snow hood) model UAWB82A



	24TL2	30TL2	36TL2	
Outdoor Unit	1U24TL2HFA	1U3036TL2HFA	1U3036TL2HFA	
UPC	084691882459	084691882466	084691882466	
Indoor Unit	AW24TL2HFA	AW30TL2HFA	AW36TL2HFA	
UPC	084691882534	084691882541	084691882558	
Cooling	Rated Capacity Btu/hr	23,000	30,000	33,000
	Capacity Range Btu/hr	6,000-25,000	7,000-32,000	8,000-36,000
	SEER/EER	20.0/11.0	18.0/9.5	17.5/8.0
	-40°F Cooling w/dip switch + Wind Baffle and Snow Hood Btu/hr	23,000	30,000	33,000
	Moisture Removal Pt./h	3.60	5.20	7.30
	Heating	Rated Heating Capacity 47°F Btu/hr	26,000	31,000
COP 47°F		3.6	3.3	3.0
Heating Capacity Range Btu/hr		6,000-28,000	7,000-34,000	8,000-39,000
HSPF		10.0	9.5	9.5
Max. Heating Capacity 5°F Btu/hr		24,000	24,800	24,600
COP 5°F		1.75	1.75	1.75
Max. Heating Capacity -4°F Btu/hr	12,900	18,600	21,000	
Operating Range	Cooling w/o Wind Baffle °F(°C)	23-115°F (-5-46°C)	23-115°F (-5-46°C)	23-115°F (-5-46°C)
	Cooling w/Wind Baffle °F(°C)	-4-115°F (-20-46°C)	-4-115°F (-20-46°C)	-4-115°F (-20-46°C)
	Cooling w/dip switch + Wind Baffle and Snow Hood °F(°C)	-40-115°F (-40-46°C)	-40-115°F (-40-46°C)	-40-115°F (-40-46°C)
	Heating °F(°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)	-4-75°F (-20-24°C)
Outdoor Unit	Maximum Fuse Size A	40	40	40
	Minimum Circuit Amp A	30	30	30
	Outdoor Noise Level dB	61	62	62
	Dimension: H x W x D in (mm)	30 (762) x 36 1/4 (920) x 15 1/8 (385)	30 (762) x 36 1/4 (920) x 15 1/8 (385)	30 (762) x 36 1/4 (920) x 15 1/8 (385)
	Weight Ship/Net - lbs (kg)	165/145 (75/65.5)	165/145 (75/65.5)	165/145 (75/65.5)
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Indoor Motor Speed (Turbo/High/Med/Low/Quiet)	1150/1100/950/800/700	1200/1150/975/800/700	1250/1200/1000/800/700
	Airflow CFM (Turbo/High/Med/Low/Quiet)	810/750/635/520/440	875/810/660/520/440	920/875/700/520/440
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	53/52/47/42/38	55/53/49/43/38	56/54/50/44/40
	Dimension: H x W x D in (mm)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)
	Weight Ship/Net - lbs (kg)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	3/8	3/8	3/8
	Suction O.D. in	5/8	5/8	5/8
	Factory Charge Oz	84.7	84.7	84.7
	Maximum Line Length Ft / m	165/50	165/50	165/50
	Maximum Height Ft / m	100/30	100/30	100/30

Single Zone Systems

Advanced Plus SERIES



The ultimate combination of performance and comfort, Advanced Plus delivers efficiencies up to 23 SEER and whisper-quiet operation; as low as 23 dB(A). Available Capacities: 9,000 BTU, 12,000 BTU, 15,000 BTU, 18,000 BTU, and 24,000 BTU.

Key Features

- | | |
|--|---|
| <p>DC INVERTER</p> <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> | <p>-15°F HEATING</p> <p>Low ambient heating down to -15F (-26C)</p> |
| <p>3-D AIR FLOW</p> <p>Delivers air vertically and horizontally for even distribution throughout the room</p> | <p>EASY INSTALLATION CLIP</p> <p>Built-in bracket allows more room to install and service</p> |
| <p>BLUE FIN</p> <p>A hydrophilic aluminum fin, ensures condensing water flows smoothly</p> | <p>QUIET MODE</p> <p>Minimizes indoor noise while maintaining comfort levels</p> |
| <p>WARM START</p> <p>Ensures the fan will not blow cold air during heating mode startup</p> | <p>2-WAY PIPING DRAIN</p> <p>Right or left side drain configuration simplifies installation</p> |
| <p>TURBO MODE</p> <p>Cools or heats the room quickly</p> | <p>AUTO LOUVER</p> <p>Adjusts airflow upward when cooling, or downward when heating</p> |
| <p>60+ FT LONG DISTANCE AIR SUPPLY</p> <p>Optimized fan motor and blower design enables up to 60 feet of air flow</p> | <p>BASE PAN HEATER</p> <p>Prevents condensate water from accumulating in the outdoor unit in extremely cold temperatures</p> |



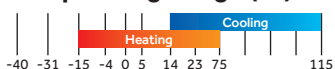
Specifications



Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



	09AP	12AP	15AP	18AP	24AP	
Outdoor Unit	1U09AP2VHA	1U12AP2VHA	1U15AP2VHA	1U18AP2VHA	1U24AP2VHA	
UPC	0-84691-83460-1	0-84691-83462-5	0-84691-84495-2	0-84691-83461-8	0-84691-83465-6	
Indoor Unit	AW09ES2VHB	AW12ES2VHB	AW15ES2VHB	AW18ES2VHB	AW24ES2VHB	
UPC	6-88057-40765-4	6-88057-40766-1	0-84691-84496-9	6-88057-40767-8	6-88057-40768-5	
Cooling	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
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	16,000	22,000	27,600
	COP 47°F	4.4	3.5	3.4	3.4	3.3
	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
	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
Outdoor Unit	Rated Power Input W	680	1,500	1,700	2,100	2,630
	HSPF	10.5	11.0	10.5	10.5	10.5
	Maximum Fuse Size A	15	15	20	20	30
	Minimum Circuit Amp A	11.0	11.0	14.0	14.0	20.0
	Outdoor Noise Level dB	54	54	55	55	57
Indoor Unit	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
Indoor Unit	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
	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
Refrigerant Lines	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	

*The Advanced Plus Series will continuously operate at -15°F(-26°C).

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.

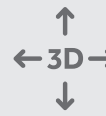
Key Features



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 (-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.

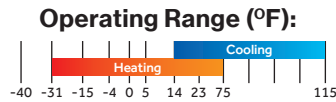


Specifications



Compressor Type:
DC Inverter Driven Rotary

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



	09EHAW	12EHAW	18EHAW	
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	
UPC	0-84691-85044-1/0-84691-85903-1	0-84691-85046-5/0-84691-85904-8	0-84691-85048-9/0-84691-85905-5	
Indoor	AW09EH2VHD	AW12EH2VHD	AW18EH2VHD	
UPC	0-84691-85043-4	0-84691-85045-8	0-84691-85047-2	
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 15,000	8,500 - 21,000
	SEER/EER	30/16.0	27/15.0	23/13.0
	Moisture Removal Pt./hr	2.50	3.40	4.20
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000
	COP 47°F	3.5	3.0	3.1
	Heating Capacity Range Btu/hr	3,100 - 20,000	3,100 - 22,000	8,700 - 27,000
	Max. Heating Capacity 5°F Btu/hr	12,000	17,000	20,000
	Max. Heating Capacity -4°F Btu/hr	10,500	15,500	18,000
	Max. Heating Capacity -15°F Btu/hr	8,600	14,500	16,000
	Max. Heating Capacity -22°F Btu/hr	7,400	12,400	14,000
HSPF	15.2	13.0	12.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Airflow CFM (Turbo/High/Med/Low/Quiet)	583/383/324/264/240	597/524/430/344/324	636/541/436/330/259
	Indoor Sound Level dB (Turbo/High/ Med/Low/Quiet)	45/37/34/31/25	46/42/37/31/27	47/41/38/35/29
	Dimension: Height in (mm)	12 7/8 (327)	12 7/8 (327)	13 1/4 (337)
	Dimension: Width in (mm)	39 3/4 (1009)	39 3/4 (1009)	44 3/8 (1126)
	Dimension: Depth in (mm)	8 3/4 (223)	8 3/4 (223)	9 1/16 (230)
	Weight Ship/Net - lbs (kg)	35.7/27.8 (16.2/12.6)	35.7/27.8 (16.2/12.6)	45.2/36.6 (20.5/16.6)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	1/2	1/2	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

*The Arctic Series will continuously operate at -31°F (-35°C).

Single Zone Systems



Mid-Static 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

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



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
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" wg EXTERNAL STATIC
Designed for static pressure up to 0.6" wg



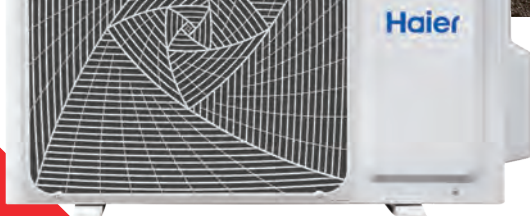
OPTIONAL MERV FILTER BOX AND SUPPLY PLENUM
Accessories available for MSP duct model for easy installation



AUX HEATER COMPATIBLE
Compatible with 3rd party auxiliary heaters



FRESH AIR
Unit design includes 4" round fresh air knock-out



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

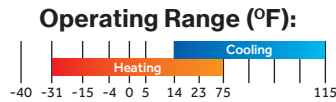


Specifications



Compressor Type:
DC Inverter Driven Rotary

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



	09EHYM	12EHYM	18EHYM	
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	
UPC	0-84691-85903-1	0-84691-85904-8	0-84691-85905-5	
Indoor	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	
UPC	0-84691-85155-4	0-84691-85156-1	0-84691-85157-8	
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 23,200
	SEER/EER	21/12.5	20/12.5	19/11.5
	Moisture Removal Pt./hr	2.50	3.20	3.80
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	14,500	20,000
	COP 47°F	3.2	2.8	3.1
	Heating Capacity Range Btu/hr	3,100 - 18,000	3,100 - 21,000	5,100 - 24,000
	Max. Heating Capacity 5°F Btu/hr	10,000	12,000	19,000
	Max. Heating Capacity -22°F Btu/hr	5,000	6,000	13,000
HSPF	11.0	10.5	10.0	
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Airflow CFM (Turbo/High/Med/Low/Quiet)	424/353/294/235/176	494/424/353/294/235	735/635/541/470/400
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36
	Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4
	Dimension: Height in (mm)	9 3/4 (248)	9 3/4 (248)	9 3/4 (248)
	Dimension: Width in (mm)	27 1/2 (700)	27 1/2 (700)	43.3 (1100)
	Dimension: Depth in (mm)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)
	Weight Ship/Net - lbs (kg)	90.4/63.1 (41/28.6)	90.4/63.1 (41/28.6)	121.3/89.3 (55/40.5)
	Max. External Static Pressure in.W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)
	Condensate Pump	Standard	Standard	Standard
	Max. Drain-lift height in (mm)	39 (1000)	39 (1000)	39 (1000)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

*The Arctic Series will continuously operate at -31°F(-35°C).

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



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



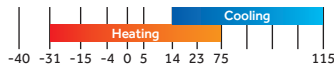
Specifications



Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



	09EHYF	12EHYF	18EHYF	
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	
UPC	0-84691-85903-1	0-84691-85904-8	0-84691-85905-5	
Indoor	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA	
UPC	0-84691-85152-3	0-84691-85153-0	0-84691-85154-7	
Cooling	Rated Capacity Btu/hr	9,000	11,500	14,800
	Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 18,000
	SEER/EER	20/11.0	20/12.5	18/10.0
	Moisture Removal Pt./hr	2.50	3.20	3.80
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,500	17,800
	COP 47°F	2.9	2.5	2.2
	Heating Capacity Range Btu/hr	3,100 - 18,000	3,100 - 21,000	5,100 - 20,000
	Max. Heating Capacity 5°F Btu/hr	9,000	10,000	15,000
	Max. Heating Capacity -22°F Btu/hr	4,000	4,000	9,000
	HSPF	10.0	10.0	9.0
Outdoor Unit	Maximum Fuse Size A	15	20	30
	Minimum Circuit Amp A	13	14	20
	Outdoor Noise Level dB	54	54	52
	Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
	Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
	Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)	
Indoor Unit	Airflow CFM (Turbo/High/Med/Low/Quiet)	264/235/205/176/147	294/264/235/205/176	341/311/282/252/223
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	40/36/32/25/20	42/38/34/26/21	46/42/37/33/28
	Drain Pipe Size O.D in	5/8	5/8	5/8
	Dimension: Height in (mm)	23 5/8 (600)	23 5/8 (600)	23 5/8 (600)
	Dimension: Width in (mm)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)
	Dimension: Depth in (mm)	8 3/8 (210)	8 3/8 (210)	8 3/8 (210)
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)	
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4
	Suction O.D. in	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
	Factory Charge Oz	56.8	62.1	82.9
	Maximum Line Length Ft / m	50/15	50/15	83/25
	Maximum Height Ft / m	33/10	33/10	50/15

*The Arctic Series will continuously operate at -31°F(-35°C).

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



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

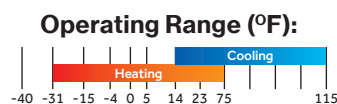


Specifications



Compressor Type:
DC Inverter Driven Rotary

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



	09EHAB	12EHAB	18EHAB
Outdoor	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE
UPC	0-84691-85903-1	0-84691-85904-8	0-84691-85905-5
Indoor	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA
UPC	6-88057-40546-9	6-88057-40547-6	6-88057-40548-3
Cooling			
Rated Capacity Btu/hr	9,000	12,000	17,000
Capacity Range Btu/hr	3,100 - 12,000	3,100 - 13,600	6,500 - 20,000
SEER/EER	20/10.5	20/12.5	16/10.5
Moisture Removal Pt./hr	2.50	3.20	3.80
Heating			
Rated Heating Capacity 47°F Btu/hr	10,000	13,000	18,000
COP 47°F	2.7	2.6	2.3
Heating Capacity Range Btu/hr	3,100 - 18,000	3,100 - 21,000	5,100 - 22,000
Max. Heating Capacity 5°F Btu/hr	9,000	11,000	17,000
Max. Heating Capacity -22°F Btu/hr	4,000	5,000	11,000
HSPF	9.0	10.0	9.0
Outdoor Unit			
Maximum Fuse Size A	15	20	30
Minimum Circuit Amp A	13	14	20
Outdoor Noise Level dB	54	54	52
Dimension: Height in (mm)	27 1/2 (697)	27 1/2 (697)	30 (762)
Dimension: Width in (mm)	35 (890)	35 (890)	36 1/4 (920)
Dimension: Depth in (mm)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Weight Ship/Net - lbs (kg)	115.5/98.3 (52.4/44.6)	124.8/107.6 (56.6/48.8)	154.3/133.4 (70/60.5)
Indoor Unit			
Airflow CFM (Turbo/High/Med/Low/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	43/40/37/34/31	45/42/39/36/33	45/42/39/36/33
Drain Pipe Size O.D in	1 1/4	1 1/4	1 1/4
Dimension: Height in (mm)	10 1/4 (260)	10 1/4 (260)	10 1/4 (260)
Dimension: Width in (mm)	22 7/16 (570)	22 7/16 (570)	22 7/16 (570)
Dimension: Depth in (mm)	22 7/16 (570)	22 7/16 (570)	22 7/16 (570)
Weight Ship/Net - lbs (kg)	43.9/34 (19.9/15.4)	48.5/40.8 (22/18.5)	48.5/40.8 (22/18.5)
Condensate Pump	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)
Grille Model (Sold 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 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	3/8 (Use 1/2 x 3/8 adapter shipped with outdoor unit)	1/2
Factory Charge Oz	56.8	62.1	82.9
Maximum Line Length Ft / m	50/15	50/15	83/25
Maximum Height Ft / m	33/10	33/10	50/15

*The Arctic Series will continuously operate at -31°F(-35°C).

Single Zone Systems

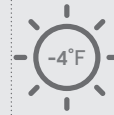


Our larger capacity system allows optimal configurations of ductless indoor and outdoor units up to 17 SEER. Designed with cost-effectiveness in mind, Haier FlexFit ductless systems provide a solution to the most demanding comfort needs.

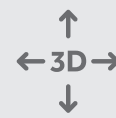
Key Features



A-PAM DC INVERTER
Latest high efficiency DC inverter technology



-4°F HEATING
Low ambient heating down to -4°F (-20°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 up to 60 feet of air flow



CHILD LOCK
Prevents unintended and unsupervised use



OPTIONAL WIRED REMOTE CONTROLLER
Attractive wall-mounted unit is easy to use and features a large LCD display.



SELF-DIAGNOSIS
A PCB simplifies service and maintenance by displaying important operating parameters.



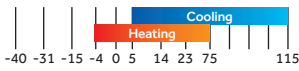
Specifications



Compressor Type:
DC Inverter Driven
Rotary

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

Operating Range (°F):



WiFi
Adaptable with
WiFi Adapter (QAWF01A)

	Highwall		High Static Duct			Large Cassette			
Outdoor Unit	1U24LP2VHA	1U36LP2VHA	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA	
UPC	6-88057-40802-6	6-88057-40803-3	6-88057-40802-6	6-88057-40803-3	6-88057-40805-7	6-88057-40802-6	6-88057-40803-3	6-88057-40805-7	
Indoor Unit	AW24LP2VHA	AW36LP2VHA	AM24LP2VHA	AM36LP2VHA	AM48LP2VHA	AL24LP2VHA	AL36LP2VHA	AL48LP2VHA	
UPC	6-88057-40806-4	6-88057-40807-1	6-88057-40808-8	6-88057-40809-5	6-88057-40811-8	6-88057-40812-5	6-88057-40813-2	6-88057-40815-6	
Cooling	Rated Capacity Btu/hr	24,000	35,000	24,000	35,000	45,000	24,000	35,000	45,000
	Capacity Range Btu/hr	6,800 - 30,700	8,500 - 37,500	6,800 - 30,700	8,500 - 37,500	11,900 - 54,500	6,800 - 27,000	8,500 - 37,500	11,900 - 52,800
	SEER/EER	17/10	17/8.6	17/11	17/10	16.9/10	17/11.5	17/10	17/10.5
	Moisture Removal Pt./hr	4.1	5.1	5.1	6.8	11.0	5.1	6.3	11.0
Heating	Rated Heating Capacity Btu/hr	27,000	37,000	26,500	37,500	52,000	27,300	36,500	49,000
	COP 47°F	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	Heating Capacity Range Btu/hr	6,800 - 34,100	8,500 - 41,000	6,800 - 34,100	8,500 - 41,000	13,600 - 64,800	6,800 - 30,500	8,500 - 38,500	13,600 - 61,000
Outdoor Unit	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
	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)	
Indoor Unit	Indoor Sound dB (Turbo/High/Med/Low/Quiet)	49/47/42/36/34	50/48/44/38/36	40/38/35/32/29	34/32/28/25/23	42/41/36/33/31	38/36/33/29/26	47/45/42/38/34	42/41/36/33/31
	Airflow CFM (Turbo/High/Med/Low/Quiet)	710/650/560/440/410	720/660/570/450/420	950/950/860/760/700	1000/980/900/840/790	1210/1180/1070/990/940	600/550/430/360/310	700/650/550/450/400	800/750/650/550/450
	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)	99/16 (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)
Refrigerant Lines	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	88	88	88	131	88	88	131
	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

Single Zone Systems









Equipment Matchup Quick Reference

	Series		Capacity	Outdoor
	Tempo Highwall (115V) (Page 9) 		9K	1U09TE1VHA
			12K	1U12TE1VHA
	Tempo Highwall (230V) (Page 9) 		9K	1U09TE2VHA
			12K	1U12TE2VHA
			18K	1U18TE1VHA
			24K	1U24TE1VHA
	Tempo Highwall (Low Ambient) (Page 11) 		24K	1U24TL2HFA
			30K	1U3036TL2HFA
			36K	1U3036TL2HFA
	Advanced Plus Highwall (Page 13) 		 9K	1U09AP2VHA
			 12K	1U12AP2VHA
			 15K	1U15AP2VHA
			 18K	1U18AP2VHA
			 24K	1U24AP2VHA
	Arctic Highwall (Page 15) 		 9K	1U09EH2VHE
			 12K	1U12EH2VHE
			 18K	1U18EH2VHE
	Arctic Mid-Static Ducted (Page 17) 		 9K	1U09EH2VHE
		 12K	1U12EH2VHE	
		18K	1U18EH2VHE	
Arctic Floor Console (Page 19) 		9K	1U09EH2VHE	
		 12K	1U12EH2VHE	
		18K	1U18EH2VHE	
Arctic Compact Cassette (Page 21) 		9K	1U09EH2VHE	
		 12K	1U12EH2VHE	
		18K	1U18EH2VHE	
FlexFit Pro Highwall (Page 23) 		24K	1U24LP2VHA	
		36K	1U36LP2VHA	
FlexFit Pro Ducted (Page 23) 		24K	1U24LP2VHA	
		36K	1U36LP2VHA	
		48K	1U48LP2VHA	
FlexFit Pro Large Cassette (Page 23) 		24K	1U24LP2VHA	
		36K	1U36LP2VHA	
		48K	1U48LP2VHA	



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® Criteria. Ask your contractor for details or visit www.energystar.gov.

† Cassette does not ship with controller. Panel must be purchased separately and ships with controller.
 * Remote controller WJ01X24721 and WJ26X27153 are shipped with indoor unit.
 ** Requires WK-B adapter.

	Indoor	Standard Controller	Optional Controller	WiFi
	AW09TE1VHA	 WJ01X24721*	QACT17A** YR-E16B** YR-E17**	Adaptable
	AW12TE1VHA			Adaptable
	AW09TE2VHA			Built-in
	AW12TE2VHA			Built-in
	AW18TE1VHA			Adaptable
	AW24TE1VHA			Adaptable
	AW24TL2HFA	WJ01X24721*	QACT17A YR-E16B YR-E17	Built-in
	AW30TL2HFA			Built-in
	AW36TL2HFA			Built-in
	AW09ES2VHB	 WJ01X24721*	QACT17A** YR-E16B** YR-E17**	Adaptable
	AW12ES2VHB			Adaptable
	AW15ES2VHB			Adaptable
	AW18ES2VHB			Adaptable
	AW24ES2VHB			Adaptable
	AW09EH2VHD			 WJ26X27153*
	AW12EH2VHD	Built-in		
	AW18EH2VHD	Built-in		
	USYM09UCDSA	Wired controller must be purchased separately	QACT17A YR-E16B YR-E17	Built-in
	USYM12UCDSA			Built-in
	USYM18UCDSA			Built-in
	USYF09UCDWA	 WJ01X24721*	QACT17A YR-E16B YR-E17	Built-in
	USYF12UCDWA			Built-in
	USYF18UCDWA			Built-in
	AB09SC2VHA†	 WJ01X24721*	QACT17A YR-E16B YR-E17	N/A
	AB12SC2VHA†			N/A
	AB18SC2VHA†			N/A
	AW24LP2VHA	 WJ01X24721*	QACT17A** YR-E16B** YR-E17**	Adaptable
	AW36LP2VHA			Adaptable
	AM24LP2VHA	 YR-E17	QACT17A YR-E16B	N/A
	AM36LP2VHA			N/A
	AM48LP2VHA			N/A
	AL24LP2VHA	 YR-HBS01	QACT17A YR-E16B YR-E17	N/A
	AL36LP2VHA			N/A
	AL48LP2VHA			N/A

Multi-Zone Systems



Single zone features, benefits, and performance, available now for multi-zone applications.



Matching one outdoor unit with a variety of multiple indoor units provides contractors unprecedented application flexibility.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR**® Criteria.

Ask your contractor for details or visit www.energystar.gov.

Multi-Zone Outdoor Units



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

The Arctic Multi 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



4 Zones



		2U20EH2VHA	3U24EH2VHA	4U36EH2VHA
	UPC	0-84691-83464-9	0-84691-83463-2	0-84691-85168-4
Cooling Non-Ducted	Rated Capacity Btu/hr	18,100	22,000	34,000
	Capacity Range Btu/hr	7,000 - 20,000	6,000 - 23,600	6,000 - 38,000
	Rated Power Input W	1,448	1,760	2,740
	SEER/EER	17/12.5	18.5/12.5	20/12.5
Cooling Ducted	Rated Capacity Btu/hr	18,100	21,000	34,400
	Capacity Range Btu/hr	6,000 - 19,000	6,000 - 22,300	6,000 - 37,000
	Rated Power Input W	1,724	2,000	2,740
	SEER/EER	15/10.5	15/10.5	17/10
Heating Non-Ducted	Heating Capacity Range Btu/hr	8,000 - 23,000	8,000 - 30,600	8,000 - 39,000
	Rated Heating Capacity 47°F Btu/hr	20,000	24,000	36,000
	COP 47°F	3.7	4.2	3.8
	Rated Heating Capacity 17°F Btu/hr	14,000	16,000	22,000
	Max. Heating Capacity 5°F Btu/hr	23,500	24,000	36,000
	Max. Heating Capacity -15°F Btu/hr	17,250	18,000	25,700
	Rated Power Input W	1,504	1,572	2,710
	HSPF	10.5	10.5	10.5
	COP 5°F	2.0	2.0	2.0
Heating Ducted	Heating Capacity Range Btu/hr	8,000 - 21,000	8,000 - 28,600	8,000 - 39,000
	Rated Heating Capacity 47°F Btu/hr	20,000	22,000	35,000
	COP 47°F	3.0	3.1	3.6
	Rated Heating Capacity 17°F Btu/hr	14,000	16,000	22,600
	Max. Heating Capacity 5°F Btu/hr	21,000	23,200	35,000
	Max. Heating Capacity -15°F Btu/hr	16,300	17,100	25,200
	Rated Power Input W	2,255	2,230	2,710
	HSPF	9.6	9.3	10.5
	COP 5°F	1.9	1.9	1.9
Power Supply	Wire Size between ID and OD	14/4 AWG Stranded	14/4 AWG Stranded	14/4 AWG Stranded
	Maximum Fuse Size A	25	25	40
	Minimum Circuit Amp A	15	16	30
Outdoor Unit	Base Pan Heater	Standard	Standard	Standard
	Outdoor Fan Speed RPM	300-900	300-900	300-900
	Outdoor Noise Level dB	56	56	55
	Dimension: Height in (mm)	33 1/8 (840)	33 1/8 (840)	38 (965)
	Dimension: Width in (mm)	37 3/8 (948)	37 3/8 (948)	37 1/2 (950)
	Dimension: Depth in (mm)	13 1/2 (340)	13 1/2 (340)	14 5/8 (370)
	Weight Ship/Net - lbs (kg)	202.3/185.6 (91.7/84.2)	205.9/189.5 (93.4/85.9)	241/221 (109.7/100.6)
	Connectable Indoor unit quantity	2	2 or 3	2, 3 or 4
Refrigerant Lines	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 1/2	3/8 3/8 3/8 1/2
	Factory Charge Oz	99	99	113
	Maximum Line Length Ft / m	164/50	196/60	230/70
	Maximum Height Ft / m	50/15	50/15	50/15
	Maximum Line Length for each individual indoor unit Ft / m	82/25	82/25	82/25

Multi-Zone Systems



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

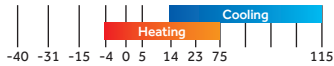
Haier FlexFit multi-zone systems can operate from 2 to 4 indoor units simultaneously with individual zone control. With outdoor units able to supply up to 48,000 BTU of heating/cooling capacity, the FlexFit Multi-Zone series gives you freedom like never before.

Specifications

Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



2 Zones



3 Zones



4 Zones



		2U18MS2VHB	3U24MS2VHB	4U36MS2VHB
	UPC	6-88057-40542-1	6-88057-40543-8	6-88057-40544-5
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	16/10.5	18/10	18/9
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	16/8.5	16/8.5	16/8.5
Heating Non-Ducted	Heating Capacity Range Btu/hr	6,100 - 22,100	6,100 - 25,500	6,100 - 36,500
	Rated Heating Capacity 47°F Btu/hr	19,200	23,000	34,600
	COP 47°F	3.54	3.8	3.8
	Rated Heating Capacity 17°F Btu/hr	13,000	15,000	22,000
	Max. Heating Capacity 17°F Btu/hr	15,000	17,700	24,000
	Max. Heating Capacity -4°F Btu/hr	10,500	13,500	17,600
	Rated Power Input W	1,570	1,700	2,650
HSPF	9.0	10.0	10.0	
Heating Ducted	Heating Capacity Range Btu/hr	6,100 - 22,100	6,100 - 25,000	6,100 - 35,000
	Rated Heating Capacity 47°F Btu/hr	18,000	22,000	33,000
	COP 47°F	2.92	2.92	3.22
	Rated Heating Capacity 17°F Btu/hr	10,000	14,000	21,000
	Max. Heating Capacity 17°F Btu/hr	15,000	17,300	23,300
	Max. Heating Capacity -4°F Btu/hr	9,000	11,000	15,600
	Rated Power Input W	1,700	2,100	3,000
HSPF	8.5	8.5	9.0	
Power Supply	Wire Size between ID and OD	14/4 AWG Stranded	14/4 AWG Stranded	14/4 AWG Stranded
	Maximum Fuse Size A	25	25	30
	Minimum Circuit Amp A	15	18	23
Outdoor Unit	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
Refrigerant Lines	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	74.0	113.0
	Maximum Line Length Ft / m	82/25	82/25	82/25
	Maximum Height Ft / m	50/15	50/15	50/15
	Maximum Line Length (each individual indoor unit) Ft / m	100/30	200/60	230/70

2022 New!



Next Generation Flexible Performance for Multi-Zone Applications.

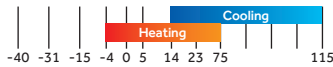
FlexFit multi-zone next generation systems come in 2, 3, and 4 zone options with the ability to operate 2 to 4 indoor units giving owners flexible control across rooms.

Specifications

Compressor Type:
DC Inverter Driven Rotary

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

Operating Range (°F):



2 Zones



3 Zones



4 Zones



	2U18MS2HDA	3U24MS2HDA	4U36MS2HDA	
UPC	0-84691-87652-6	0-84691-87654-0	0-84691-87656-4	
Cooling Non-Ducted	Rated Capacity Btu/hr	18,000	22,400	34,000
	Capacity Range Btu/hr	5,000-19,500	5,000-24,500	10,000-36,000
	SEER/EER	20.0/12.5	21.0/12.5	18.0/9.0
Cooling Ducted	Rated Capacity Btu/hr	18,000	22,000	34,000
	Capacity Range Btu/hr	4,600-19,000	5,000-24,500	10,000-36,000
	SEER/EER	18.0/11.5	16.0/11.0	15.6/8.8
Heating Non-Ducted	Rated Heating Capacity 47°F Btu/hr	20,000	25,000	36000
	COP 47°F	3.50	3.90	3.3
	Heating Capacity Range Btu/hr	2,300-2,000	3,200-25,000	7,000-36,000
	HSPF	11.0	10.5	10.5
	Max. Heating Capacity 5°F Btu/hr	13,700	13,900	22,000
	COP 5°F	1.8	2.0	1.75
Heating Ducted	Rated Heating Capacity 47°F Btu/hr	19,000	25,000	36,000
	COP 47°F	3.70	3.60	3.00
	Heating Capacity Range Btu/hr	3,200-19,100	3,800-25,500	6,500-36,500
	HSPF	9.4	9.0	9.3
	Max. Heating Capacity 5°F Btu/hr	11,000	12,000	21000
	COP 5°F	1.60	1.98	1.8
Power Supply	Heating Capacity -4°F Btu/hr	11,400	12,000	18000
	Wire Size between ID and OD	14/4 AWG Stranded	14/4 AWG Stranded	14/4 AWG Stranded
	Maximum Fuse Size A	30	30	30
	Minimum Circuit Amp A	19	22	26
Outdoor Unit	Outdoor Noise Level dB	51	53	58
	Dimension: Height in (mm)	27 5/8 (700)	27 5/8 (700)	33 1/8 (840)
	Dimension: Width in (mm)	35 (890)	35 (890)	37 3/8 (948)
	Dimension: Depth in (mm)	13 1/2 (340)	13 1/2 (340)	13 1/2 (340)
	Weight Ship/Net - lbs (kg)	114.6/130.1 (52/59)	116.8/132.3 (53/60)	191.6/157.8 (86.9/71.6)
	Carton Dimension: Height in (mm)	31 1/8 (790)	31 1/8 (790)	41 3/8 (1048)
	Carton Dimension: Width in (mm)	39 3/8 (998)	39 3/8 (998)	41 3/4 (1060)
	Carton Dimension: Depth in (mm)	17 1/2 (443)	17 1/2 (443)	16 1/2 (420)
	Connectable Indoor unit quantity	2	2 or 3	2, 3 or 4
	Base Pan Heater	No	No	No
	Snow-Hood Kit	UAWB84A	UAWB84A	UAWB80A
Wind baffle	UAWB47A	UAWB47A	UAWB46A	
Refrigerant Lines	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	60.0	67.0	90.0
	Maximum Line Length Ft / m	98/30	197/60	230/70
	Maximum Height Ft / m	50/15	50/15	50/15
Maximum Line Length (each individual indoor unit) Ft / m	65/20	82/25	82/25	

Multi-Zone Systems

Multi-Zone Indoor Units

Highwall Indoor

FEATURES & BENEFITS:

- Built-in WiFi and Smart HQ
- Easy PCB replacement
- Blue Fin coating
- Long distance air supply
- Quiet operation down to 22dB(A)
- Turbo mode for faster cooling and heating
- WiFi Adaptable

2022 New!



Arctic
SERIES

FlexFit
SERIES

	AW07TC2HDA	AW09TC2HDA	AW12TC2HDA	AW18TC2HDA	AW24TC2HDA
UPC	0-84691-88591-7	0-84691-88592-4	0-84691-88593-1	0-84691-89525-1	084691-88594-8
Wifi	Built-in	Built-in	Built-in	Built-in	Built-in
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)	400/315/274/222/187	421/332/292/242/200	426/360/310/265/200	596/532/478/422/340	846/744/668/592/482
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/36/33/29/26	42/36/33/29/26	42/38/34/31/26	48/45/42/39/36	50/47/44/41/38
Dimension: H x W x D in (mm)	7 3/4 x 33 3/4 x 12 (196 x 856 x 301)	7 3/4 x 33 3/4 x 12 (196 x 856 x 301)	7 3/4 x 33 3/4 x 12 (196 x 856 x 301)	8 3/4 x 39 3/8 x 13 (223 x 999 x 327)	9 x 44 x 13 1/4 (230 x 1115 x 337)
Weight Ship/Net - lbs (kg)	26.9/21.2 (12.2/9.6)	26.9/21.2 (12.2/9.6)	26.9/21.2 (12.2/9.6)	34.77/28.06 (15.77/12.73)	42.99/34.88 (19.50/15.82)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2	1/4 1/2

Highwall Indoor

FEATURES & BENEFITS:

- Blue Fin coating
- Long distance air supply
- Quiet operation down to 22dB(A)
- Turbo mode for faster cooling and heating
- WiFi Adaptable



Arctic
SERIES

FlexFit
SERIES

	AW07LC2VHB	AW09LC2VHB	AW12LC2VHB	AW18LC2VHB	AW24LP2VHA
UPC	6-88057-40706-7	6-88057-40707-4	6-88057-40708-1	6-88057-40709-8	6-88057-40806-4
Wifi	Requires WiFi Adapter (QAWF01A)	Requires WiFi Adapter (QAWF01A)	Requires WiFi Adapter (QAWF01A)	Requires WiFi Adapter (QAWF01A)	Requires WiFi Adapter (QAWF01A)
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

Cassette Indoor

FEATURES & BENEFITS:

- Blue Fin coating
- 09, 12, 18 fits 2' x 2' drop ceiling
- 24 fits 3' x 3'
- Easy access of electrical wiring
- Built-in condensate pump
- 4" fresh air knock out



Arctic
SERIES

FlexFit
SERIES

	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA	AL24LP2VHA
UPC	6-88057-40546-9	6-88057-40547-6	6-88057-40548-3	6-88057-40812-5
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000	24,200
Rated Heating Capacity Btu/hr	10,000	13,000	19,000	27,300
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	600/550/430/360/310
Indoor Sound dB (Turbo/H/M/L/Quiet)	43/40/37/34/31	45/42/39/36/33	45/42/39/36/33	38/36/33/29/26
Grille Model	PB-700KB	PB-700KB	PB-700KB	PB-950KB
Chassis Dimension: HxWxD 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)	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 37 3/8 x 37 3/8 (50 x 950 x 950)
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)	79.4/68.3 (36/31)
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)

Ducted Indoor

FEATURES & BENEFITS:

- Low profile design
- built-in drain pump
- Flexible return air intake options



	AD07SL2VHB	AD09SL2VHB	AD12SL2VHB	AD18SL2VHB	AM24LP2VHA
UPC	6-88057-40716-6	6-88057-40717-3	6-88057-40718-0	6-88057-40719-7	6-88057-40808-8
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000	24,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000	27,000
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)	353/312/270/230/188	353/312/270/230/188	400/353/282/247/218	540/500/447/365/306	950/950/860/760/700
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	40/38/35/32/29
Dimension: HxWxD in (mm)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 46 1/16 x 16 9/16 (185 x 1170 x 420)	9 7/8 x 37 5/8 x 25 3/4 (250 x 957 x 655)
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)	81.1/68.8 (36.8/31.2)
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)

Mid-Static Ducted Units

FEATURES & BENEFITS:

- Built-in condensate pump
- Up to 0.6" wg external static
- Compatible with all wired controllers
- Dry contact for auxiliary heat available
- Dry contact for outside air damper available
- Supply air plenum kit available
- MERV filter box kit available



Note: MSP ducted units do not include controller. A controller must be ordered separately.

	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	USYM24UCDSA
UPC	0-84691-85155-4	0-84691-85156-1	0-84691-85157-8	0-84691-85158-5
Wifi	Built-in	Built-in	Built-in	Built-in
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000	24,000
Rated Heating Capacity Btu/hr	10,000	13,000	19,000	25,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow (Turbo/High/Med/Low/Quiet) CFM	424/353/294/235/176	494/424/353/294/235	735/635/541/470/400	835/735/635/541/470
Max. External Static Pressure in.W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36	50/47/44/41/38
Chassis Dimension: HxWxD in (mm)	9 3/4 x 27 1/2 x 27 1/2 (248 x 700 x 700)	9 3/4 x 27 1/2 x 27 1/2 (248 x 700 x 700)	9 3/4 x 43 3/8 x 27 1/2 (248 x 1100 x 700)	9 3/4 x 43 3/8 x 27 1/2 (248 x 1100 x 700)
Weight Ship/Net - lbs (kg)	90.4/63.1 (41/28.6)	90.4/63.1 (41/28.6)	121.3/89.3 (55/40.5)	121.3/89.3 (55/40.5)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	3/8 5/8
Drainpipe Size O.D. in	5/8	5/8	5/8	5/8
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	39 (1000)	39 (1000)	39 (1000)	39 (1000)

Console Units

FEATURES & BENEFITS:

- Mounted on floor or low wall installation
- Quiet operation
- Two-way air supply option











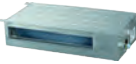
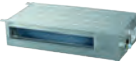
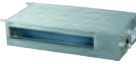
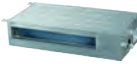















	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA
UPC	0-84691-85152-3	0-84691-85153-0	0-84691-85154-7
Wifi	Built-in	Built-in	Built-in
Rated Cooling Capacity Btu/hr	9,000	12,000	15,000
Rated Heating Capacity Btu/hr	10,000	13,000	18,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1
Airflow (Turbo/High/Med/Low/Quiet) CFM	264/235/205/176/147	294/264/205/176/147	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
Chassis Dimension: HxWxD in (mm)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)	23 5/8 x 27 1/2 x 8 3/4 (600 x 700 x 220)
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)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	5/8	5/8	5/8

Multi-Zone Systems

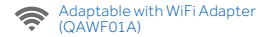
Multi-Zone Combinations

Matching one outdoor unit with a variety of multiple indoor units provides contractors unprecedented application flexibility.

Outdoor	Capacity					Standard Controller	Optional Controller
	7K	9K	12K	18K	24K		
2 Zone 2U20EH2V 2U18MS2V 2U18MS2H	 AW07TC2	 AW09TC2	 AW12TC2	 AW18TC2	 AW24TC2	WJ01X24721*	QACT17A YR-E16B YR-E17
	 AW07LC2	 AW09LC2	 AW12LC2	 AW18LC2	 AW24LC2		WJ01X24721*
3 Zone 3U24EH2V 3U24MS2V 3U24MS2H	 AD07SL2	 AD09SL2	 AD12SL2	 AW18SL2	 AM24LP2	YR-E17 Wired controller must be purchased separately	QACT17A YR-E16B
		 USYM09UC	 USYM12UC	 USYM18UC	 USYM24UC		
4 Zone 4U36EH2V 4U36MS2V 4U36MS2H		 AB09SC2	 AB12SC2	 AB18SC2	 AL24LP2	 WJ01X24721*	QACT17A YR-E16B YR-E17
		 USYF09UC	 USYF12UC	 USYF18UC			



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR**® Criteria. Ask your contractor for details or visit www.energystar.gov.



- * Remote controller WJ01X24721 is shipped with indoor unit.
- ** Requires WK-B adapter.



Multi-Zone Matching Chart

2U20EH2VHA
2U18MS2VHB
2U18MS2HDA

No adapter is shipped with 2U

	Combinations		Required Adapter
	Port B	Port A	
	1/4" x 3/8"	1/4" x 3/8"	
Two Zone	7	7	-
	9	7	-
	9	9	-
	12	7	-
	12	9	-
	12	12	-

3U24EH2VHA
3U24MS2VHB
3U24MS2HDA

3U24EH ships with adapter E
3U24MS ships with adapter D

	Combinations			Required Adapter	
	Port C	Port B	Port A	MS	EH
	MS: 1/4" x 3/8" EH: 1/4" x 1/2"	1/4" x 3/8"	1/4" x 3/8"		
Two Zone	7	7	---	-	E
	9	7	---	-	E
	9	9	---	-	E
	12	7	---	-	E
	12	9	---	-	E
	12	12	---	-	E
	18	7	---	D	-
	18	9	---	D	-
	18	12	---	D	-
Three Zone	7	7	7	-	E
	9	7	7	-	E
	9	9	7	-	E
	12	7	7	-	E
	12	9	7	-	E
	12	9	9	-	E
	12	12	7	-	E
	18	7	7	D	-
	12	12	9	-	E

Adapters

		GEA Part #
A	1/4" to 3/8" (Liquid line for ports C & D)	WJ01X23925
B	3/8" to 5/8" (Vapor line for port C)	WJ01X23924
C	1/2" to 5/8" (Vapor line for port D)	WJ01X23932
D	3/8" to 1/2" (Vapor line for port C)	WJ01X26853
E	1/2" to 3/8" (Vapor line for port C or D)	WJ01X26854

4U36EH2VHA
4U36MS2VHB
4U36MS2HDA

4U36EH ships with adapters A, C, D and E
4U36MS ships with adapters D and E

	Combinations				Required Adapter	
	Port D	Port C	Port B	Port A		
	1/4" x 1/2"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"		
Two Zone	18	9	---	---	-	
	18	12	---	---	-	
	24	7	---	---	C, A	
	24	9	---	---	C, A	
	24	12	---	---	C, A	
	18	18	---	---	D	
	18	24	---	---	A, B	
	24	24	---	---	B, C, A, A	
	Three Zone	9	9	9	---	E
		12	9	7	---	E
12		9	9	---	E	
12		12	7	---	E	
18		7	7	---	-	
12		12	9	---	E	
18		9	7	---	-	
18		9	9	---	-	
12		12	12	---	E	
18		12	7	---	-	
24		7	7	---	C, A	
18		12	9	---	-	
24		9	7	---	C, A	
24		9	9	---	C, A	
18		12	12	---	-	
24		12	7	---	C, A	
24		12	9	---	C, A	
24		12	12	---	C, A	
Four Zone	18	18	12	---	D	
	7	7	7	7	E	
	9	7	7	7	E	
	9	9	7	7	E	
	12	7	7	7	E	
	9	9	9	7	E	
	12	9	7	7	E	
	9	9	9	9	E	
	12	9	9	7	E	
	12	12	7	7	E	
	12	9	9	9	E	
	18	7	7	7	-	
	12	12	9	7	E	
	18	9	7	7	-	
	12	12	9	9	E	
	12	12	12	7	E	
	18	9	9	7	-	
	18	12	7	7	-	
24	7	7	7	C, A		
12	12	12	9	E		
24	9	7	7	C, A		
12	12	12	12	E		
18	12	9	9	-		



Ducted Side-Discharge Air Conditioner



Specifications

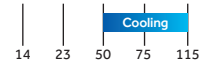
115V

Voltage/Cycle/Phase:

12K: 115/60/1

18K - 48K: 208-230/60/1

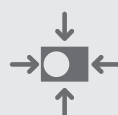
Operating Range (°F):



	12k	
Outdoor Unit	UUC112WCDA ¹	
UPC	0-84691-85479-1	
Cooling	Rated Capacity Btu/hr	12,000
	SEER/EER	14/12
	Maximum Fuse Size A	15
	Minimum Circuit Amp A	11
	Outdoor Noise Level dB	52
	Fan Speed RPM	820
	Outdoor Airflow CFM	1220
	Compressor Type	Rotary
Outdoor Unit	Dimension: H in. (mm)	21 7/8 (555)
	Dimension: W in. (mm)	33 1/2 (850)
	Dimension: D in. (mm)	13 5/8 (345)
	ShipDimension: H in. (mm)	24 1/2 (622)
	ShipDimension: W in. (mm)	36 (915)
	ShipDimension: D in. (mm)	15 (380)
	Weight (Net/Gross) lbs (kg)	86/90.4 (39/41)
AHRI Matching Indoor Coil	Aspen Model	C(A,C,E)24A24+TDR
	ADP Model	-
	CFM with rated coils	445
Refrigerant Lines	Liquid Suction O.D. in	1/4 1/2
	Refrigerant	R410A
	Factory Charge lbs	4.2
	Maximum Line Length Ft / m	82/25
	Maximum Height Ft / m	33/10

The perfect choice for contractors working in the highly-competitive add-on and replacement market. The copper tube and aluminum fin coil, a high efficiency fan, and reliable rotary compressor deliver quiet, continuous comfort all summer long. Its low profile is ideal for rooftops or under decks, and fits perfectly in tight spaces such as multi-family apartments, condominium balconies, dormitories, or retail spaces. The draw-through fan also makes stacking units a breeze. Best of all, the 24 VAC control system means effortless wiring to just about every air handler or furnace and cooling coil combination in the industry!

Key Features



COMPACT SIZE
The side-discharge configuration is perfect for installation in limited space.



LIGHT WEIGHT
Easier contractor equipment transportation and installation.



QUIET OPERATION
Sound-dampening features produce operation at noise levels as low as 52dB.



24V SYSTEM
Compatible with many 24VAC thermostats

208-230V



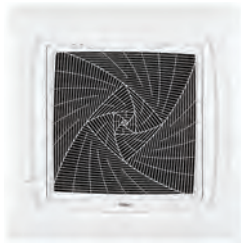
	18k		24k		30k		36k		48k
	UUC118WCDA ²	UUC118WCDBA	UUC124WCDA ²	UUC124WCDBA	UUC130WCDA ²	UUC130WCDBA	UUC136WCDA ²	UUC136WCDBA	UUC148WCDA ²
	0-84691-85480-7	0-84691-86338-0	0-84691-85481-4	0-84691-86339-7	0-84691-85483-8	0-84691-86340-3	0-84691-85484-5	0-84691-86341-0	0-84691-85486-9
	17,500	18,000	23,500	24,000	30,000	30,000	34,000	35,000	46,000
	14.5/12	14.2/12.2	14.5/12	14.5/12.2	14.5/12	14.5/12.2	14.5/12	14.2/12.2	14/11.7
	15	15	15	15	20	20	25	25	40
	10	10	12	11.4	14	14	16	16	26
	55	55	58	59	58	59	58	59	60
	890	890	880	880	880	880	890	900	900
	2012	2012	2492	2492	2324	2324	2300	2300	2600
	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll
	27 5/8 (702)	27 5/8 (702)	32 (810)	32 (810)	32 (810)	32 (810)	32 (810)	32 (810)	34 1/4 (870)
	36 (914)	36 (914)	40 (1015)	40 (1015)	40 (1015)	40 (1015)	40 (1015)	40 (1015)	43 3/81 (1100)
	15 (382)	15 (382)	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)	17 1/2 (445)	20 3/4 (528)
	30 7/8 (782)	30 7/8 (782)	38 1/2 (975)	38 1/2 (975)	38 1/2 (975)	38 1/2 (975)	38 1/2 (975)	38 1/2 (975)	40 5/8 (1030)
	38 1/2 (975)	38 1/2 (975)	42 3/8 (1075)	42 3/8 (1075)	42 3/8 (1075)	42 3/8 (1075)	42 3/8 (1075)	42 3/8 (1075)	45 (1145)
	16 1/2 (420)	16 1/2 (420)	19 1/2 (495)	19 1/2 (495)	19 1/2 (495)	19 1/2 (495)	19 1/2 (495)	19 1/2 (495)	21 1/2 (545)
	106/117 (48/53)	106/117 (48/53)	141/152 (64/69)	141/152 (64/69)	143/154 (65/70)	143/154 (65/70)	145/156 (66/71)	145/156 (66/71)	218/238 (99/108)
	C(A,C,E)24B44+TDR	-	C(A,C,E)24B44+TDR	-	C(A,C,E)36B44+TDR	-	C(A,C,E)48C34+TDR	-	C(A,C,E)48C34+TDR
	-	HE81(6,9)36+TDR	-	HE81(6,9)36+TDR	-	HE81(6,9)36+TDR	-	HE35(6,9)48+TDR	-
	620	650	727	780	1050	1080	1025	1150	1325
	1/4 1/2	1/4 1/2	3/8 5/8	3/8 5/8	3/8 3/4	3/8 3/4	3/8 3/4	3/8 3/4	3/8 3/4
	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	4.7	5.1	6.1	6.3	7.3	7.5	7.3	7.7	8.8
	82/25	82/25	82/25	82/25	82/25	82/25	82/25	82/25	98/30
	33/10	33/10	33/10	33/10	33/10	33/10	33/10	33/10	50/15

¹Federal law allows the unit to be installed only in AK, CO, CT, ID, IL, IA, IN, KS, MA, ME, MI, MN, MO, MT, ND, NE, NH, NJ, NY, OH, OR, PA, RI, SD, UT, VT, WA, WV, WI, WY, and U.S. territories.

²Federal law allows the unit to be installed only in AK, AL, AR, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, ME, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY, AND U.S. territories

Accessories

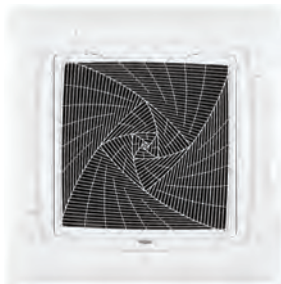
Cassette Panels



PB-700KB

Panel for 2'x2' Cassette
Must order PB-700KB 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

Return & Supply Air Grilles



PAD0890RA

Optional return air grille for Slim Duct models:

AD07SL2VHB
AD09SL2VHB
AD12SL2VHB

PAD1210RA

Optional return air grille for Slim Duct model:

AD18SL2VHB

PAD0890SA

Optional supply air grille for Slim Duct models:

AD07SL2VHB
AD09SL2VHB
AD12SL2VHB

PAD1210SA

Optional supply grille for Slim Duct model:

AD18SL2VHB

Supply Plenums



UAPT0912A

Supply Plenum for
MSP Duct Indoor 09K, 12K
Fits on the following Models:

USYM09UCDSA
USYM12UCDSA

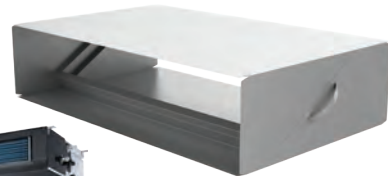


UAPT1824A

Supply Plenum for
MSP Duct Indoor 18K and 24K Fits
on the following Models:

USYM18UCDSA
USYM24UCDSA

MERV Return Air Filter Boxes



UAMFB0912A

Merv Return Air Filter Box for
MSP Duct Indoor 09K and 12K Fits
on the following Models:

USYM09UCDSA
USYM12UCDSA



UAMFB1824A

Merv Return Air Filter Box for
MSP Duct 18 And 24K
Fits on the following Models:

USYM18UCDSA
USYM24UCDSA

Front Wind Baffles

Required for low ambient cooling performance for mechanical or server room applications, and recommended when unit is installed facing prevailing winds.

Features and Benefits

- Increases unit reliability and performance in extremely cold temperatures.
- Prevents outdoor fan counter-rotation.
- Helps keep snow and ice from clogging the outdoor coil.
- Protects the outdoor coil from high winds.
- Easy installation.
- Reduce indoor temperature fluctuation.



Side and Back Wind Baffles (Snow Hood)

Strongly recommended for cold climate heating and cooling applications.

Features and Benefits

- Reduces defrost cycles.
- Helps maintain a comfortable indoor temperature.
- Easy installation.
- Helps keep snow and ice from clogging the outdoor coil.



The wind baffles are fabricated from durable 20 gauge G90 galvanized steel. Both accessories are engineered to provide optimal performance when operating the outdoor unit in cold, harsh climates.

	OUTDOOR UNITS																											
	TEMPO								ADVANCED PLUS				ARCTIC			FLEXFIT PRO			ARCTIC MULTI			FLEXFIT MULTI						
	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA	1U24TL2HFA	1U3036TL2HFA	1U09AP2VHA	1U12AP2VHA	1U15AP2VHA	1U18AP2VHA	1U24AP2VHA	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA	2U20EH2VHA	3U24EH2VHA	4U36EH2VHA	2U18MS2VHB	3U24MS2VHB	4U36MS2VHB	2U18MS2HDA	3U24MS2HDA	4U36MS2HDA
	FRONT WIND BAFFLES																											
QAWB37A					•						•	•		•	•													
QAWB38A																	•	•	•*									
QAWB40A																									•			
QAWB41A	•	•	•	•																								
QAWB42A									•	•																		
QAWB43A																							•					
QAWB44A																								•				
QAWB45A						•							•			•												
UAWB46A							•	•												•	•	•						•
UAWB47A																										•	•	
	SIDE AND BACK WIND BAFFLE (SNOW HOOD)																											
UAWB80A																					•	•	•					•
UAWB81A											•	•		•	•													
UAWB82A						•	•						•			•												
UAWB83A									•	•																		
UAWB84A																										•	•	

*Requires 2 wind baffles

Controllers

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

Wall Mounted Wired Remote Controllers



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



Wired controller is shipped with Slim Duct and High Static Duct. Optional for Arctic, Advanced Plus, and FlexFit Wall Mount or Cassettes.

Wireless Hand-Held Remote Controllers



Ships with Highwall equipped with motion sensor



Ships with large Cassette



Ships with Highwall and compact Cassette



Cool only remote (optional for purchase separately)

	YR-E16B	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	•	



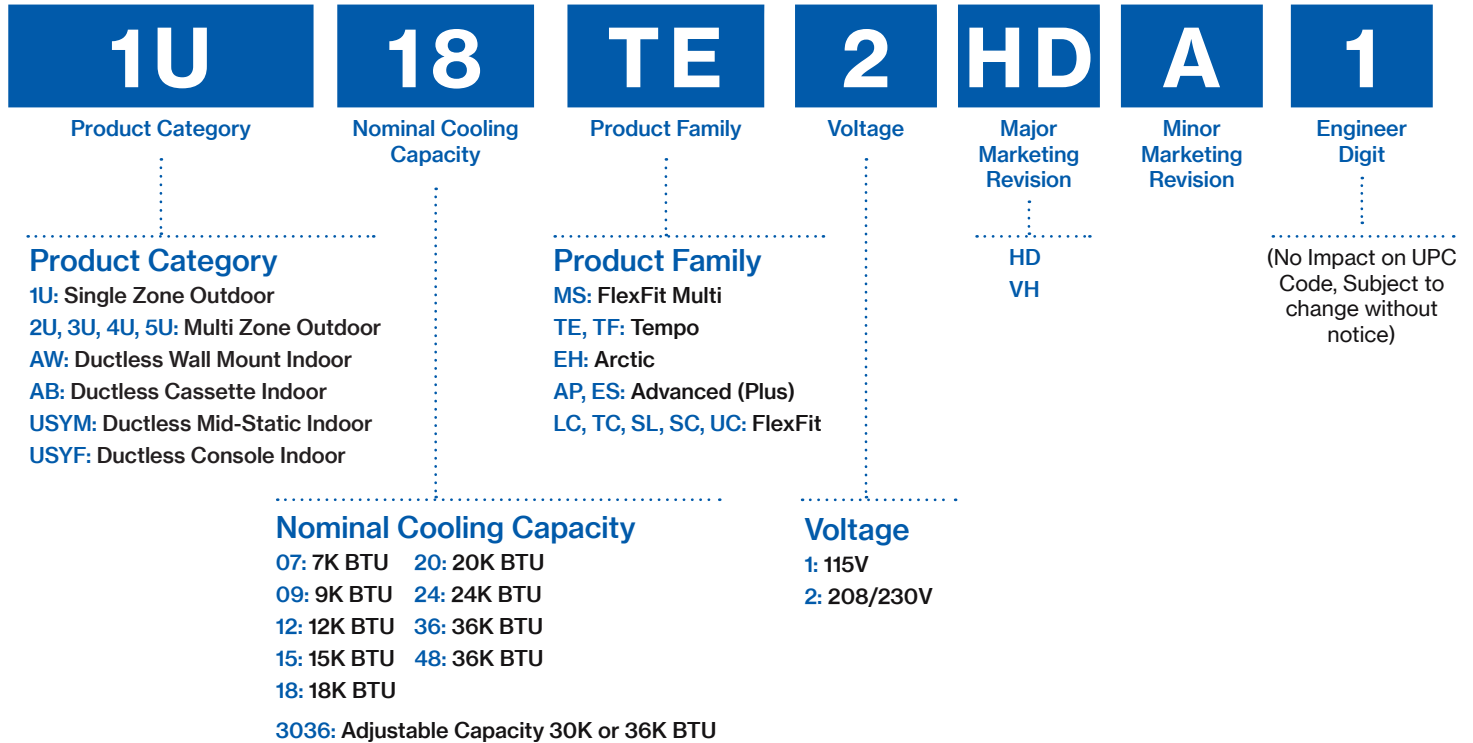
WK-B

Wired controller interface kit, required when installing wired controllers YR-E17, YR-E16B or QACT17A on some highwall models (see compatibility charts on page 42 & 43 for required applications).

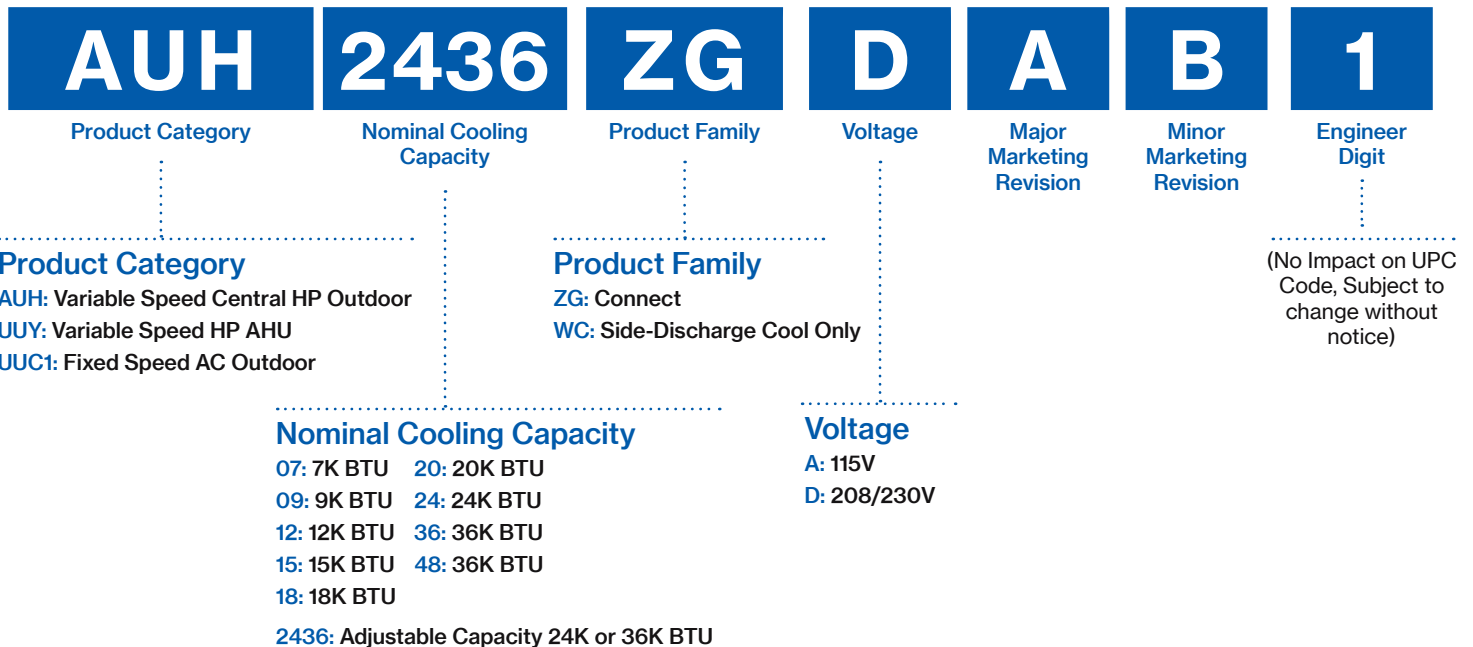
	WJ26X27153	YR-HBS01	WJ01X24721	UCT30RWA
24-Hour Time		•		
Individual Control	•	•	•	•
Backlight	•	•	•	•
Up & Down Louver Oscillating Control	•	•	•	•
Left & Right Louver Oscillating Control	•	•	•	•
Four-Way Cassette Air Supply Control		•		
Child Lock	•	•	•	•
Indoor LED Display On/Off	•	•	•	•
Fahrenheit/Celsius Display	•	•	•	•
Precise Temperature Control +/- 1F (+/- 0.5C)	•	•	•	•
Motion Sensor	•			

*Remote controller WJ01X24721 and WJ26X27153 are shipped with indoor unit.

Ductless Product Nomenclature



Side-Discharge Product Nomenclature



Indoor/Outdoor Compatibility Charts

Highwall Compatibility

	OUTDOOR UNITS																				CONTROLLERS*													
	TEMPO						ADVANCED PLUS				ARCTIC		FLEXFIT PRO		ARCTIC MULTI		FLEXFIT MULTI				WJ01X24721	WJ26X27153	YR-HBS01	UCT30RWA	YR-E16B	YR-E17	QACT17A							
	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA	1U24TL2HFA	1U3036TL2HFA	1U09AP2VHA	1U12AP2VHA	1U15AP2VHA	1U18AP2VHA	1U24AP2VHA	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	1U24LP2VHA	1U36LP2VHA	1U48LP2VHA	2U20EH2VHA								3U24EH2VHA	4U36EH2VHA	2U18MS2VHB	3U24MS2VHB	4U36MS2VHB	2U18MS2HDA	3U24MS2HDA
INDOOR HIGHWALL UNITS																																		
AW09TE1VHA	✓																											●		○	⊗	⊗	⊗	
AW12TE1VHA		✓																											●		○	⊗	⊗	⊗
AW09TE2VHA			✓																										●		○	⊗	⊗	⊗
AW12TE2VHA				✓																									●		○	⊗	⊗	⊗
AW18TE2VHA					✓																								●		○	⊗	⊗	⊗
AW24TE2VHA						✓																							●		○	⊗	⊗	⊗
AW24TL2HFA							✓																						●		○	○	○	○
AW30TL2HFA								✓																					●		○	○	○	○
AW36TL2HFA									✓																				●		○	○	○	○
AW09ES2VHB									✓																				●		○	⊗	⊗	⊗
AW12ES2VHB										✓																			●		○	⊗	⊗	⊗
AW15ES2VHB											✓																		●		○	⊗	⊗	⊗
AW18ES2VHB												✓																	●		○	⊗	⊗	⊗
AW24ES2VHB													✓																●		○	⊗	⊗	⊗
AW09EH2VHD														✓															●		○	○	○	○
AW12EH2VHD															✓														●		○	○	○	○
AW18EH2VHD																✓													●		○	○	○	○
AW07TC2HDA																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	○	○	○
AW09TC2HDA																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	○	○	○
AW12TC2HDA																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	○	○	○
AW18TC2HDA																				✓	✓		✓	✓		✓	✓	●		○	○	○	○	
AW24TC2HDA																					✓			✓			✓	●		○	○	○	○	
AW07LC2VHB																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	⊗	⊗	⊗
AW09LC2VHB																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	⊗	⊗	⊗
AW12LC2VHB																				✓	✓	✓	✓	✓	✓	✓	✓	✓	●		○	⊗	⊗	⊗
AW18LC2VHB																				✓	✓		✓	✓		✓	✓	●		○	⊗	⊗	⊗	
AW24LP2VHA																	✓					✓			✓			●		○	⊗	⊗	⊗	
AW36LP2VHA																		✓										●		○	⊗	⊗	⊗	

* ● = Standard Controller.
 ○ = Optional Controller.
 ⊗ = Optional Controller requires WK-B adapter.
 Remote controllers WJ01X24721 and WJ26X27153 are shipped with indoor unit.

Cassette, Slim Duct, MSP Duct & Console Compatibility

	OUTDOOR UNITS															CONTROLLERS*																													
	TEMPO					ADVANCED PLUS			ARCTIC		FLEXFIT PRO		ARCTIC MULTI		FLEXFIT MULTI			WJ01X24721	WJ26X27153	YR-HBS01	UCT30RWA	YR-E16B	YR-E17	QACT17A																					
	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA	1U24TL2HFA	1U3036TL2HFA	1U09AP2VHA	1U12AP2VHA	1U15AP2VHA	1U18AP2VHA	1U24AP2VHA	1U09EH2VHE	1U12EH2VHE	1U18EH2VHE	1U24LP2VHA								1U36LP2VHA	1U48LP2VHA	2U20EH2VHA	3U24EH2VHA	4U36EH2VHA	2U18MS2VHB	3U24MS2VHB	4U36MS2VHB	2U18MS2HDA	3U24MS2HDA	4U36MS2HDA										
INDOOR CASSETTE UNITS																																													
AB09SC2VHA														✓						✓	✓	✓	✓	✓	✓	✓	✓	●						○	○	○	○								
AB12SC2VHA														✓						✓	✓	✓	✓	✓	✓	✓	✓	●							○	○	○	○							
AB18SC2VHA															✓					✓	✓		✓	✓		✓	✓	●							○	○	○	○							
AL24LP2VHA																✓					✓			✓													●	○	○	○	○				
AL36LP2VHA																	✓					✓																	●	○	○	○	○		
AL48LP2VHA																		✓																							●	○	○	○	○
INDOOR SLIM DUCT UNITS																																													
AD07SL2VHB																					✓	✓	✓	✓	✓	✓	✓	✓											○	●	○				
AD09SL2VHB																					✓	✓	✓	✓	✓	✓	✓	✓												○	●	○			
AD12SL2VHB																					✓	✓	✓	✓	✓	✓	✓	✓												○	●	○			
AD18SL2VHB																						✓	✓		✓	✓		✓	✓											○	●	○			
INDOOR MID STATIC DUCT UNITS																																													
USYM09UCDSA														✓							✓	✓	✓	✓	✓	✓	✓	✓												○	○	○			
USYM12UCDSA															✓						✓	✓	✓	✓	✓	✓	✓	✓													○	○	○		
USYM18UCDSA																✓					✓	✓		✓	✓		✓	✓													○	○	○		
USYM24UCDSA																						✓			✓			✓														○	○	○	
INDOOR HIGH STATIC DUCT UNITS																																													
AM24LP2VHA																✓						✓			✓																○	●	○		
AM36LP2VHA																	✓																										○	●	○
AM48LP2VHA																		✓																								○	●	○	
INDOOR CONSOLE UNITS																																													
USYF09UCDWA														✓							✓	✓	✓	✓	✓	✓	✓	✓	✓	●										○	○	○	○		
USYF12UCDWA															✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	●											○	○	○	○	
USYF18UCDWA																✓					✓	✓		✓	✓		✓	✓	●													○	○	○	○

* ● = Standard Controller.
○ = Optional Controller.
⊙ = Optional Controller requires WK-B adapter.
Remote controllers WJ01X24721 and WJ26X27153 are shipped with indoor unit.
MSP ducted units do not include controller. A controller must be ordered separately.
Cassette does not ship with controller. Panel must be purchased separately and ships with controller.



MRV-5 SERIES

FEATURE HIGHLIGHTS



HIGH EFFICIENCY

The new four-way heat exchanger is wider to provide an overall efficiency increase of up to 30% for the entire system.



SUPERIOR COMFORT

These units provide precise temperature control at 1°F and offer comfortable heat at down to -13°F, while the nighttime mode greatly reduces noise output for quiet operation.



ADVANCED TECHNOLOGY

Multi-Link Technology reduces the amount of labor time that would be normally spent installing communication wires between indoor units on a VRF system.









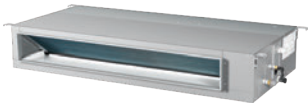
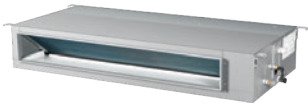


EASY TO INSTALL

A service-friendly design—including hinged electrical and control panels—makes diagnostics, maintenance and repairs simple.

MRV-5 LINEUP

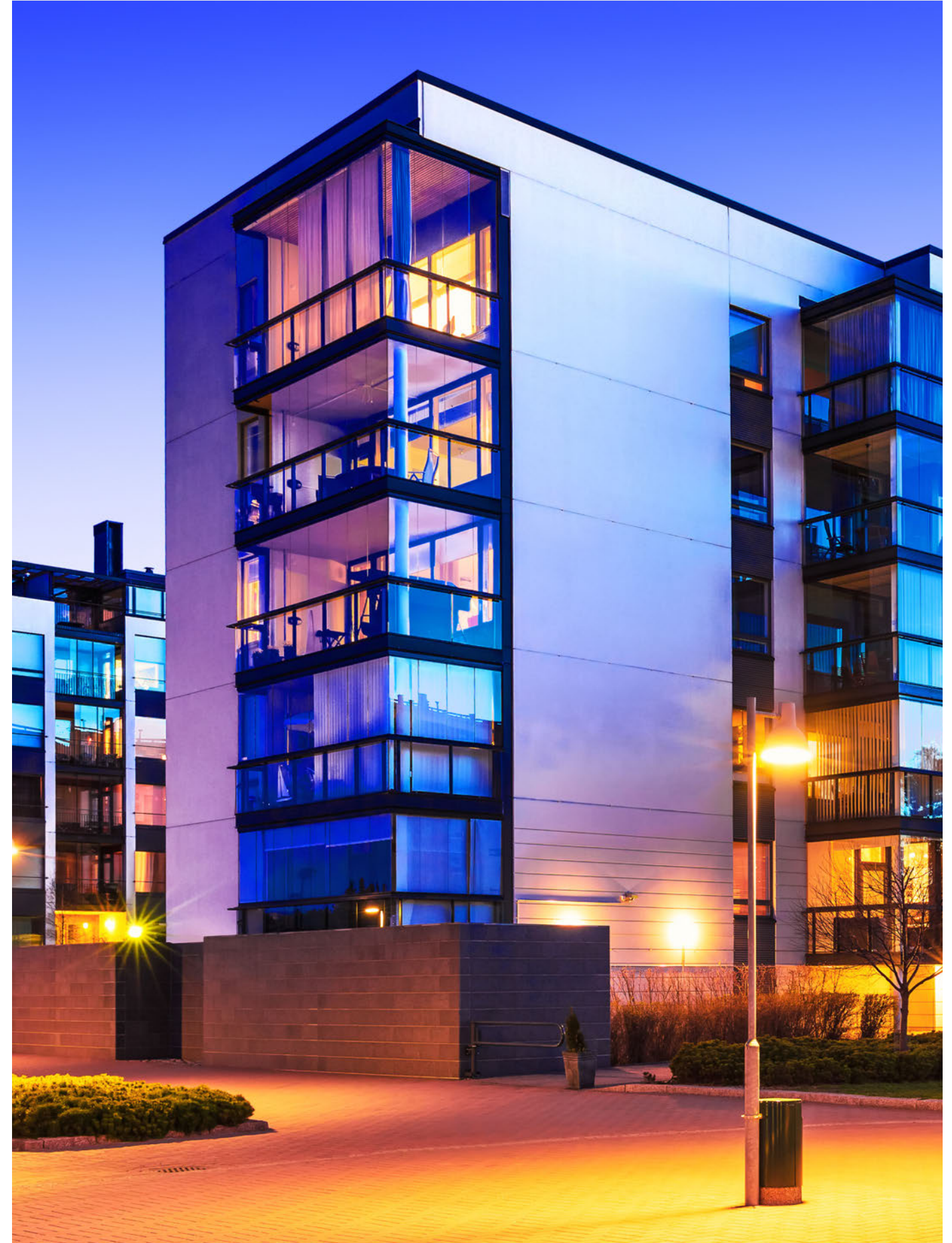
Haier

OUTDOOR	CAPACITY	INDOOR	PANEL
	7K	 Wall Mount	MVAW007MV2AA
	9K		MVAW009MV2AA
	12K		MVAW012MV2AA
	18K		MVAW018MV2AA
	24K		MVAW024MV2AA
	30K		MVAW030MV2AA
 Compact Cassette	5K	 Compact Cassette	MVAB005ME2AA
	7K		MVAB007ME2AA
	9K		MVAB009MV2AA
	12K		MVAB012MV2AA
	18K		MVAB018MV2AA
			Purchase separately
 Large Cassette	7K	 Large Cassette	MVAL007ME2AA
	9K		MVAL009ME2AA
	12K		MVAL012ME2AA
	15K		MVAL015ME2AA
	18K		MVAL018ME2AA
	24K		MVAL024ME2AA
	30K		MVAL030ME2AA
	36K		MVAL036ME2AA
	42K		MVAL042ME2AA
	48K		MVAL048ME2AA
 Medium Static Cassette	7K	 Medium Static Cassette	MVAM007ME2AA
	9K		MVAM009ME2AA
	12K		MVAM012ME2AA
	18K		MVAM018ME2AA
	24K		MVAM024ME2AA
	36K		MVAM036ME2AA
 Slim Duct	7K	 Slim Duct	MVAD007MV2AA
	9K		MVAD009MV2AA
	12K		MVAD012MV2AA
	18K		MVAD018MV2AA
	24K		MVAD024MV2AA
			PAD0890RA (Return air grille) PAD0890SA (Supply air grille)
	PAD1210RA (Return air grille) PAD1210SA (Supply air grille)		

MRV-5
(72, 96, 120)

MVHR072ME2CA
MVHR096ME2CA
MVHR120ME2CA

MRV5
DC INVERTER



MVR-5 ACCESSORIES

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

REMOTE CONTROLLER

- Individual indoor unit control
- Multi-directional louver control
- Child lock
- Indoor LED display
- Precise temp control (+/-1F)
- Backlight
- Individual louver control*



YR-HBS01
(Large Cassette only)

WIRED CONTROLLER

- Individual and group control
- 5 operation modes
- Precise temp control +/- 1F (0.5C)
- Turbo and quiet mode for comfort
- Airflow direction control
- Filter change reminder
- Backlight
- Energy saving feature
- Static pressure control



YR-E17 **QACT17A**

*Large Cassette only

CENTRAL CONTROLLER

- 7-inch TFT LCD touch screen
- Weekly timer
- Individual and group control
- Max. 256 indoor units
- Historical data backup
- Energy saving feature
- Ancillary equipment control



YCZ-A004

- Protocol adapter for RS-485 conversion
- IGU05 Adapter required with YCZ-A004 one IGU05I



IGU-05



HEAT RECOVERY CONNECTION BOX

Functions	Heat recovery - valve pipe box-1:1 IDU capacity x≤11.2	Heat recovery - valve pipe box-1:1 IDU capacity 11.2<x≤18	Heat recovery - valve pipe box-1:1 IDU capacity 18<x≤28	Heat recovery - valve pipe box-1:4 IDU capacity x≤45
Model	VP1-112B	VP1-180B	VP1-280B	VP4-450B

PANELS



PB-620KB

Panel for 2'x2' MRV Cassette
Must order PB-620KB separately with the purchase of Compact Cassette models:

- MVAB009MV2AA
- MVAB012MV2AA
- MVAB018MV2AA



PB-950KB

Panel for 3'x3' MRV Cassette
Must order PB-950KB separately with the purchase of Large Cassette models:

- MVAL009MV2AA
- MVAL012MV2AA
- MVAL018MV2AA
- MVAL024MV2AA
- MVAL030MV2AA
- MVAL036MV2AA
- MVAL042MV2AA
- MVAL048MV2AA

RETURN AIR GRILLES



PAD0890RA (WITH FILTER)

Optional return air grille for Slim Duct models:

- MVAD007MV2AA
- MVAD009MV2AA
- MVAD012MV2AA

PAD1210RA (WITH FILTER)

Optional return air grille for Slim Duct models:

- MVAD018MV2AA
- MVAD024MV2AA

SUPPLY AIR GRILLES



PAD0890SA

Optional supply air grille for Slim Duct models:

- MVAD007MV2AA
- MVAD009MV2AA
- MVAD012MV2AA

PAD1210SA

Optional supply air grille for Slim Duct models:

- MVAD018MV2AA
- MVAD024MV2AA

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 > 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:

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energystar.gov

Database of State Incentives for
Renewables & Efficiency
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