

Haier

2022 HVAC SELECTION GUIDE

North America



GE APPLIANCES
a Haier company

AIR&WATER
SOLUTIONS

WATER HEATING & TREATMENT | COMMERCIAL AC | DUCTLESS & VRV

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

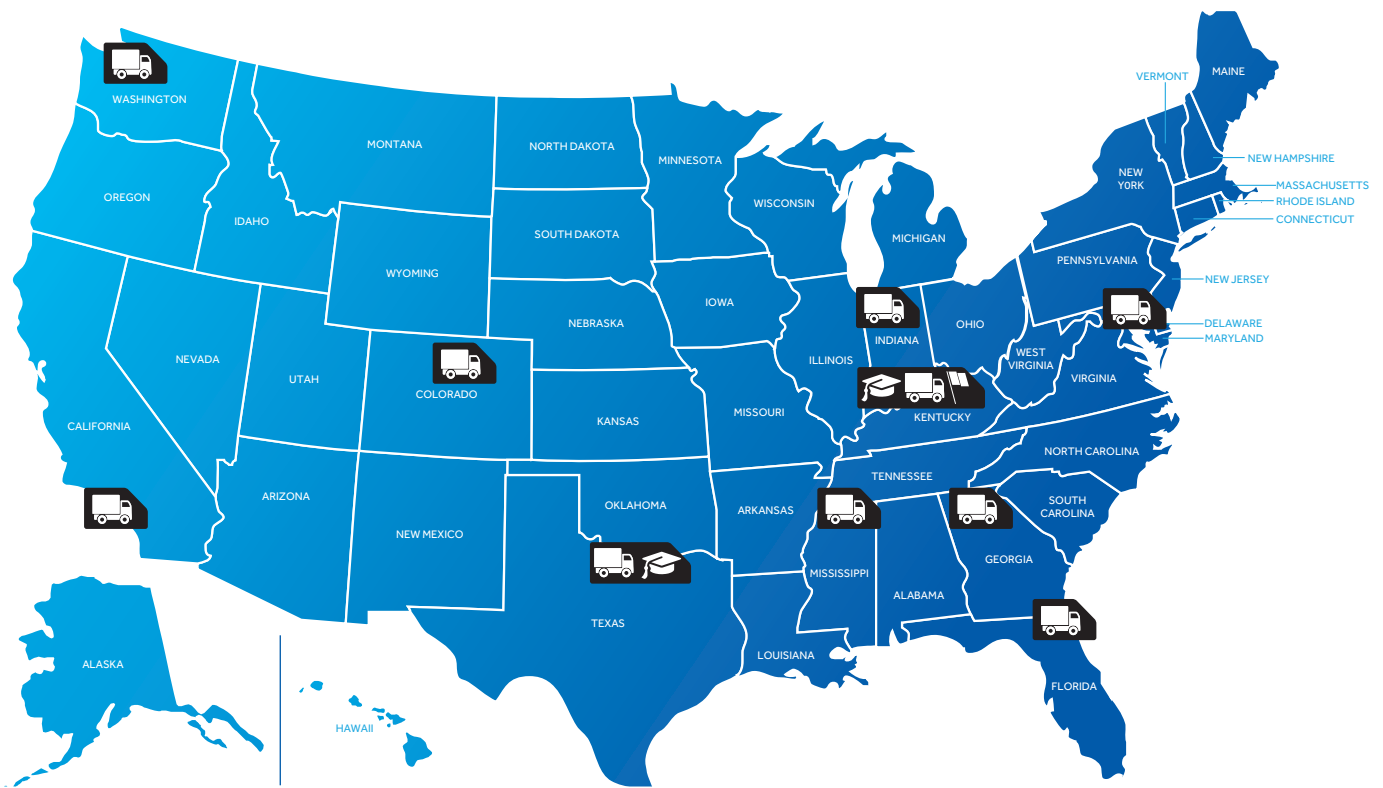
Why Haier?

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.

North American Presence

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



North America Headquarters

- Louisville, KY



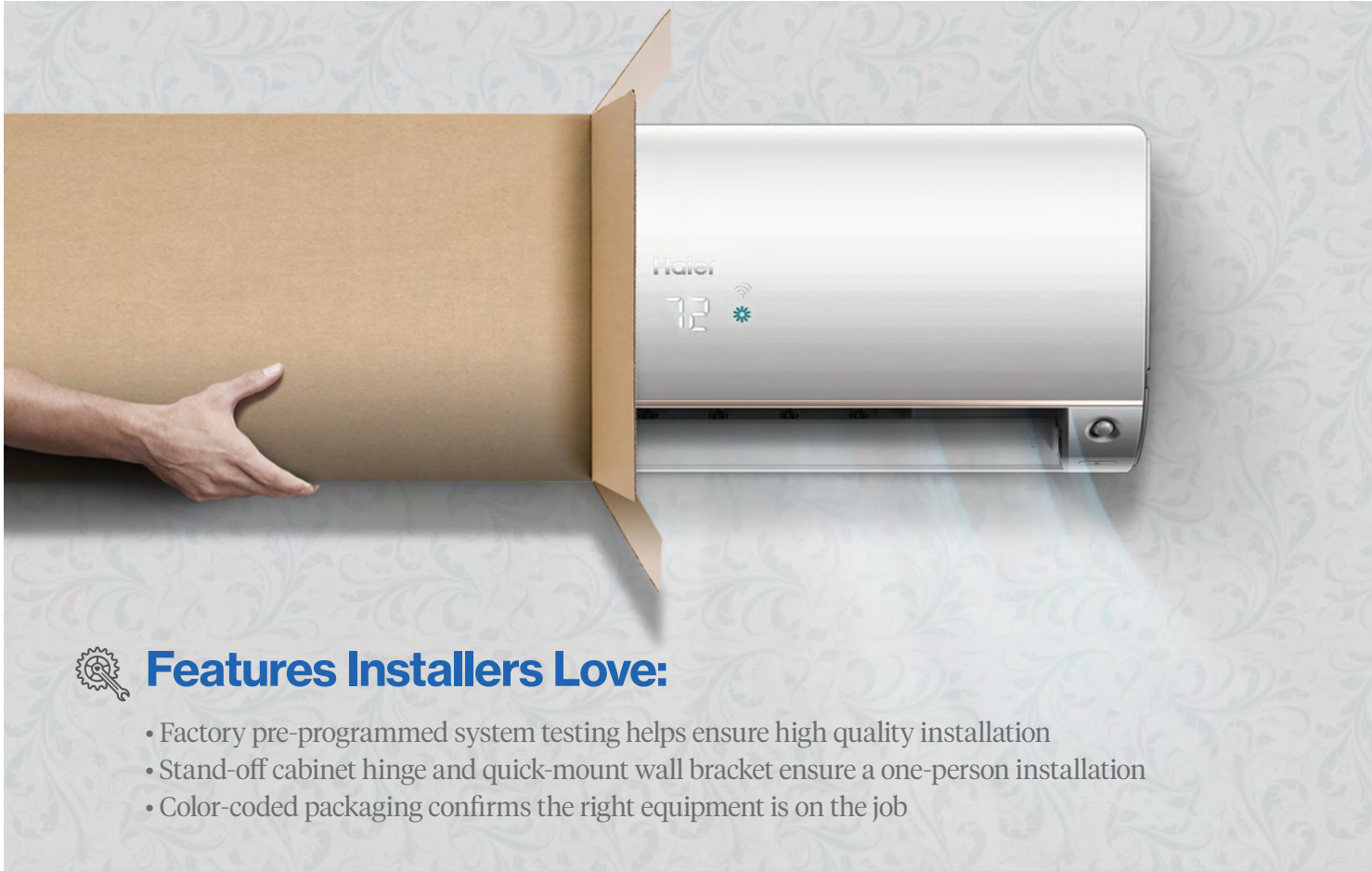
North American Distribution Centers

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



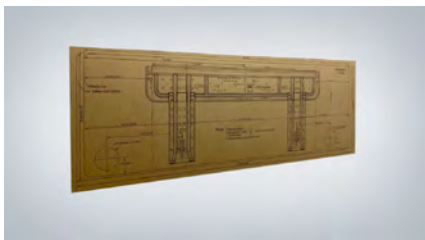
Training Centers:

- Dallas, TX
- Louisville, KY
- Sacramento, CA (coming soon)



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



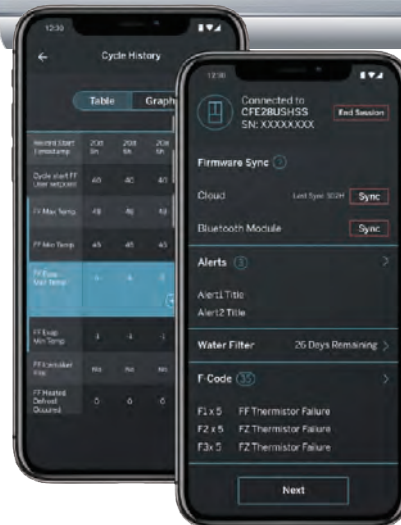
Identify root cause of issues quickly and effectively



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.



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



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.







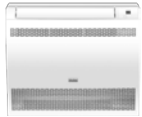


SmartHQ Compatibility



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.



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.

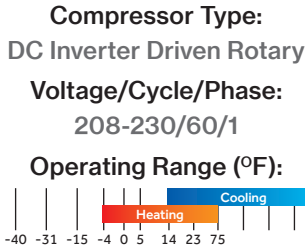
Multi-Zone Systems



Specifications

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.



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.

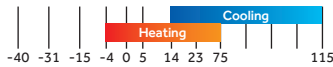
FlexFit multi-zone next generation systems come in 2, 3, and 4 zone options with the ability to operate 2 to 4 indoor units giving owners flexible control across rooms.

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	Heating Capacity -4°F Btu/hr	11,400	12,000	18000
	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
Power Supply	COP 5°F	1.60	1.98	1.8
	Heating Capacity -4°F Btu/hr	9,200	11,000	17,000
	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
Outdoor Unit	Minimum Circuit Amp A	19	22	26
	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



AB



AL

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











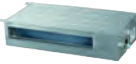
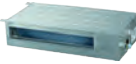
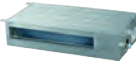
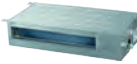











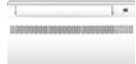
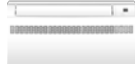
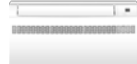


	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA
UPC	0-84691-85152-3	0-84691-85153-0	0-84691-85154-7
Wifi	Built-in	Built-in	Built-in
Rated Cooling Capacity Btu/hr	9,000	12,000	15,000
Rated Heating Capacity Btu/hr	10,000	13,000	18,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1
Airflow (Turbo/High/Med/Low/Quiet) 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

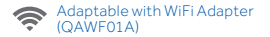
Multi-Zone Combinations

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	
18		18	12	---	D	
Four Zone		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	-		

