

Haier

Ductless Multi-Split Heat Pumps



1U09AP2HDB / AW09AP2HDB
1U12AP2HDB / AW12AP2HDB
1U15AP2HDB / AW15AP2HDB
1U18AP2HDB / AW18AP2HDB
1U24AP2HDB / AW24AP2HDB



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Revision History

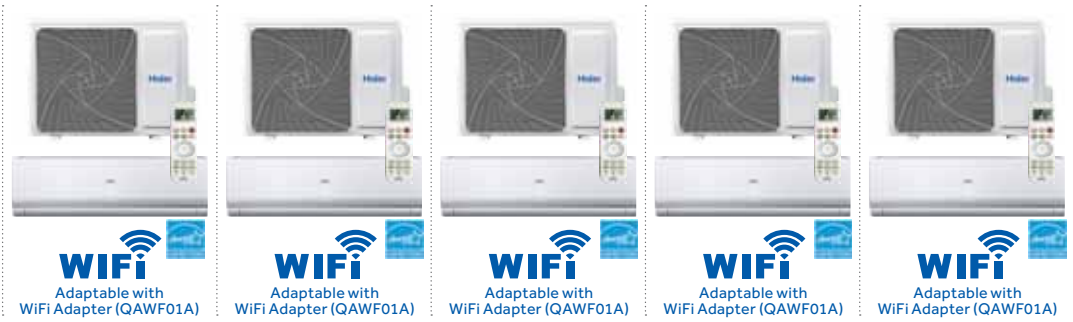
05/24- Edition release.

1. SPECIFICATIONS



Compressor Type:
DC Inverter Driven Rotary

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



		09AP	12AP	15AP	18AP	24AP
	Outdoor Unit	1U09AP2HDB	1U12AP2HDB	1U15AP2HDB	1U18AP2HDB	1U24AP2HDB
	UPC	084691920427	084691920434	084691920441	084691920458	084691920465
	Indoor Unit	AW09AP2HDB	AW12AP2HDB	AW15AP2HDB	AW18AP2HDB	AW24AP2HDB
	UPC	084691920328	084691920335	084691920342	084691920359	084691920366
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
	SEER2	23.5	23.0	21.5	21.0	20.0
	EER2	14.5	12.5	12.5	12.5	12.5
	Moisture Removal Pt./hr	3.5	3.9	4.1	4.3	7.0
Heating	Heating Capacity Range Btu/hr	3,800-15,600	3,900-20,000	4,000-26,000	4,000-30,000	6,200-36,000
	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	16,000	21,000	27,600
	Max. Heating Capacity 5°F Btu/hr	8,500	10,400	14,200	15,400	20,000
	Max Heating Capacity -15°F Btu/hr	6,500	7,500	10,000	12,000	14,000
	HSPF2 (IV)/HSPF (V)	9.6/7.5	10.5/8.0	9.6/7.5	9.6/7.5	9.6/7.5
Operating Range	Cooling °F (°C)*	14~115°F (-10~46°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)
	Heating °F (°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)	-15~75°F (-26~24°C)
Outdoor Unit	Maximum Fuse Size A	15	15	20	20	30
	Minimum Circuit Amp A	11	11	14	14	20
	Outdoor Noise Level dB	54	54	55	55	57
	Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	27 7/16 (697)	30 (762)
	Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	35 (890)	36 3/16 (920)
	Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
	ODU Weight Ship/Net - lbs	90.2/78.3	90.2/78.3	117.5/100.3	117.5/100.3	149.5/130.1
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Cooling Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet)	1150/1050/900/750/650	1150/1050/900/750/650	1100/950/850/750/700	1100/950/850/750/700	1250/1150/1000/850/800
	Heating Mode Indoor Motor RPM (Turbo/High/Med/Low/Quiet)	1100/1000/850/700/650	1100/1000/850/700/650	1050/850/775/700/600	1050/850/775/700/600	1250/1150/1000/850/800
	Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)	385/335/265/200/175	400/360/285/215/190	620/545/335/290/210	620/545/335/290/210	635/575/480/390/355
	Heating Airflow CFM (Turbo/High/Med/Low/Quiet)	370/320/250/190/175	380/340/270/200/190	590/490/305/270/180	590/490/305/270/180	635/575/480/390/355
	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	30.9/25.4	30.9/25.4	43.2/35.3	43.2/35.3	45.4/37.5
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

*Cooling below 23°F (-5°C) requires wind baffle.

1 PERFORMANCE:

- The heat pump system shall be capable of providing greater than 70% capacity at -15°F (-26°C) outdoor ambient temperature.
- The heat pump system shall be capable of 100% rated heating capacity at 5°F (-15°C) outdoor ambient temperature.
- Cooling performance rating shall be verified following AHRI 210/240 standards of 80°F (27°C) DB / 67°F (19°C) WB indoor temperature and 95°F (35°C) DB / 75°F (24°C) WB outdoor temperature.
- Heating performance rating shall be verified following AHRI 210/240 standards of 70°F (21°C) DB / 60°F (16°C) WB indoor temperature and 47°F (8°C) DB / 43°F (6°C) WB outdoor temperature.

2 CAPACITY CORRECTION:

- Please refer to the submittal documents for specific Capacity Correction tables available at www.GEAppliancesAirAndWater.com
31-5000933 Rev. 0

2.1 General

(2.1.1) Description

- A. The heat pump air conditioner shall be a variable capacity, mini-split type system comprised of a single outdoor and a single wall-mounted indoor unit.

(2.1.2) Toxicity

- A. The heat pump system shall participate in RoHS compliance and listed in the directory.



2.2 Installation Requirements

(2.2.1) Lineset

- A. The connecting refrigerant lines between the indoor and outdoor units are to be supplied by the installer.
- B. The tubing must be annealed ACR-type copper, meeting ASTM B280 standards.
- C. The connecting tubing between the outdoor and indoor units shall be continuous in all possible situations.
- D. The tubing ends must be reamed inside and out, and must be flared using a 45° flaring tool approved for R-410A.
- E. Connections to the indoor and outdoor units shall be made with flare nuts that are supplied with the individual units.
- F. The flare nuts must be attached to indoor and outdoor units using a torque wrench and back- up wrench.

PIPE SIZE	TORQUE	A (INCH)	FLARE SHAPE
1/4	12 lb/ft 16.3 Nm	0.327-0.343	
3/8	27 lb/ft 36.6 Nm	0.472-0.488	
1/2	40 lb/ft 54.2 Nm	0.488-0.654	
5/8	50 lb/ft 67.8 Nm	0.732-0.748	
3/4	80 lb/ft 108.5 Nm	0.902-0.917	

- G. Each tube must be insulated with a minimum of 1/2 inch (12.7mm) closed-foam insulation that is UV resistant and meets ASTM Standard E84 25/50 flame spread/smoke development.
- H. The lineset between the indoor and outdoor must not exceed the listed maximum length and maximum height difference (See section 1. **Specifications**).



2.3 Electrical Requirements

(2.3.1) Electrical Supply

- A. The operating electrical requirements shall be 208/230 volts AC, single-phase, 60 hertz. Voltage supplied to the outdoor unit must be between 187-253 volts.
- B. Power supply must be installed in accordance to local building and electrical codes.

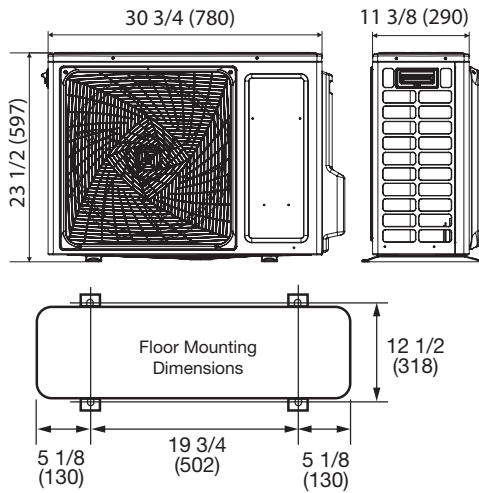
(2.3.2) Connecting Wire to Indoor

- A. Connecting cable between the indoor unit(s) must be made with 4 conductor - 14 AWG stranded copper wire.
- B. Connecting wire must be continuous (without break) unless local code requires power disconnect next to indoor unit. See section 4.4 **Electrical Requirements**.

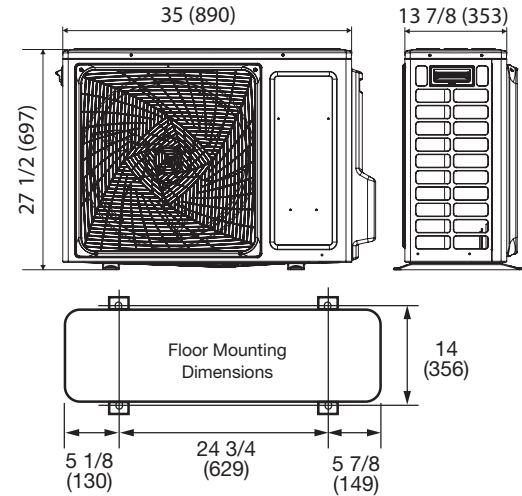
3. OUTDOOR UNITS

3.1 Dimensions

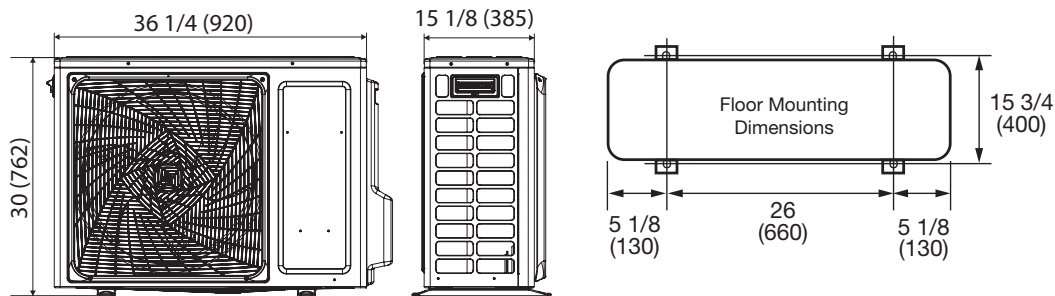
1U09AP2HDB, 1U12AP2HDB



1U15AP2HDB, 1U18AP2HDB



1U24AP2HDB



3.2 General

(3.2.1) Outdoor Unit Description

- A. The outdoor unit shall be comprised of a condenser coil with all components and controls necessary to perform the rated operation.

(3.2.2) Sound Pressure Rating

- A. Sound pressure rating as measured according to test standard JIS C 961:

MODEL	SOUND PRESSURE RATING DB (A)
1U09AP2HDB	54
1U12AP2HDB	54
1U15AP2HDB	55
1U18AP2HDB	55
1U24AP2HDB	57

(3.2.3) Warranty

- A. The outdoor unit shall be covered by a manufacturer's parts warranty (See Section 6. Limited Warranty)

3.3 Installation

(3.3.1) Condensate

- A. The installer must adhere to local building codes for managing condensate water produced by the outdoor unit.

(3.3.2) Clearances

- A. The installer must follow the recommended clearances provided in the Installation Manual.



3.4 Components

(3.4.1) Coil

- A. The outdoor coil shall be made with a blue colored hydrophilic coating on the aluminum fins and packed with internally grooved copper tubing, to increase the effective heat exchange surface area by 25%, resulting in higher efficiencies and shorter defrost cycles (approx. 29%.)
- B. Coils shall be helium pressure tested at the factory within a range of 600 - 650 PSI.
- C. Outdoor unit shall be factory charged with R-410A refrigerant for 25 feet of lineset.

(3.4.2) Fan Motor

- A. The outdoor fan motor shall be a brushless, variable speed DCV motor type.
- B. The fan motor shall be molded with heat-hardened resin.
- C. The fan motor shall have permanently lubricated SRC bearings.

(3.4.3) Fan Blade

- A. The outdoor fan blade shall be a UL flame rated plastic-resin design.
- B. The fan blade shall be factory balanced in quiet performance and enhanced velocity.

(3.4.4) Compressor

- A. The compressor shall be a DC rotary type and A-PAM inverter-driven for stable operation in lower and higher frequency.
- B. The compressor shall be variable speed, variable capacity.
- C. The compressor shall have an internal overload protection device.
- D. The compressor shall use PVE (FV50S) refrigerant oil for better anti-wear effectiveness, superior resistance to capillary tube blockage and no hydrolysis compared to POE oil.

(3.4.5) 4WV

- A. The outdoor unit shall contain a four-way reversing valve (4WV) to change system mode from cool to heat.

(3.4.6) EEV

- A. The refrigerant flow shall be regulated by an electronic expansion valve (EEV).
- B. The outdoor control shall monitor the refrigerant flow through the EEV using a pulse-operated coil.
- C. The EEV shall maintain the target of 10°F (5.5°C) of superheat.

(3.4.7) Base Pan

- A. The outdoor unit shall have a galvanized steel base pan.
- B. The base pan shall have multiple drain holes located under the coil and throughout the pan to provide efficient draining of defrost discharge and to prevent accumulation of damaging ice.

(3.4.8) Pan Heater

- C. The base pan of the outdoor unit shall contain a tubular electric heater to prevent condensate water from freezing.
- D. The pan heater shall be enabled and operated by software when the ambient is below 37°F (3°C).
- E. The pan heater shall be protected with a thermal cut-out.

(3.4.9) Copper Piping

- A. All internally connected copper tubing shall conform to ASTM B280 tubing tolerances.

(3.4.10) Outdoor Enclosure Materials

- A. The outdoor cabinet shall be constructed of commercial grade DC51/DC52 hot-dip galvanized steel with coating.

(3.4.11) Defrost

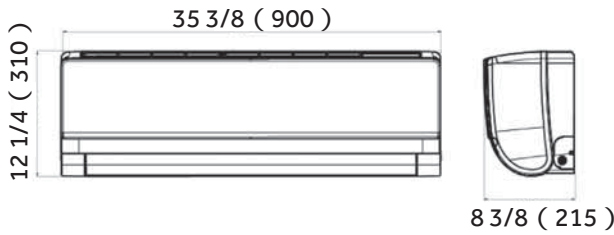
- A. The outdoor unit shall have a reverse-cycle (hot gas) defrost system to maximize heat pump operation and minimize energy consumption.

(3.4.12) Accumulator

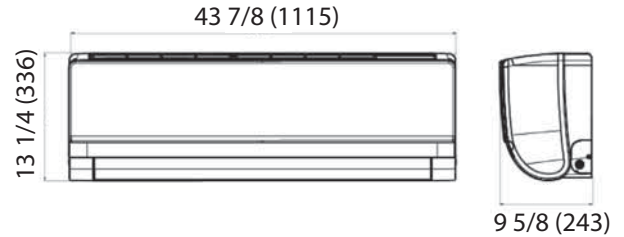
- A. The accumulator shall be connected to the compressor return line to prevent liquid refrigerant from entering the compressor during operation.

4.1 Dimensions

AW09AP2HDB, AW12AP2HDB



AW15AP2HDB, AW18AP2HDB, AW24AP2HDB



4.2 General

(4.2.1) Indoor Unit Description

- A. The wall mounted indoor section completes the system when connected to the matching outdoor unit and field-supplied piping and wiring.

(4.2.2) Sound Pressure Ratings

- A. Sound pressure ratings as measured according to test standard JIS C 9612:

Model	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)
AW09AP2HDB	370/320/250/190/175
AW12AP2HDB	380/340/270/200/190
AW15AP2HDB	590/490/305/270/180
AW18AP2HDB	590/490/305/270/180
AW24AP2HDB	635/575/480/390/355

(4.2.3) Warranty

- A. The outdoor unit shall be covered by a manufacturer's parts warranty (See Section 6. Limited Warranty)

4.3 Installation

(4.3.1) Condensate

- A. The wall mounted indoor shall be shipped with a insulated polyethylene condensate tubing (5/8" ID) attached from the factory.
- B. The wall mounted indoor unit shall ship with a 6.5 ft (2m) corrugated drain tube that connects to the insulated drain tube.
- C. The wall mounted indoor unit shall be a gravity drain.

(4.3.2) Clearances

- A. The installer must follow the minimum clearances illustrated in the Installation Manual when installing the indoor unit.

(4.3.3) Mounting

- A. The wall mounted indoor unit shall ship with a galvanized metal wall bracket.
- B. The wall bracket shall have multiple anchor points to provide the installer with many options to firmly attach the wall mounted indoor unit to the wall.
- C. The field-supplied mounting hardware must be sufficient to adequately support the indoor unit.
- D. See also section 4.6 Mounting Bracket Dimensions

4.4 Electrical Requirements

(4.4.1) Electrical Disconnect

- A. Connecting wire must be continuous (without break) unless local code requires a disconnect at the indoor unit.

MODEL	FAN MOTOR RATING (HP)
AW09AP2HDB	0.054
AW12AP2HDB	0.054
AW15AP2HDB	0.094
AW18AP2HDB	0.094
AW24AP2HDB	0.094

- B. If a disconnect is required by local code, it must be a 3-pole, single-throw type.



4.5 Components

(4.5.1) Coil

- The indoor coil shall be made with a blue colored hydrophilic coating on the aluminum fins and packed with internally grooved copper tubing, to increase the effective heat exchange surface area by 25%.
- Copper tubing shall have inner micro-grooves to increase effective heat transfer capabilities.
- Coils shall be pressure tested at 600–650 PSI using helium leak detection.
- The coil shall be charged with dry nitrogen for shipping at 70–100 PSI.

(4.5.2) Fan Motor

- The fan motor shall be a sealed DC multiple-speed resin-packed motor
- The fan motor shall have permanently lubricated bearings.
- The AW09AP2HDB and AW12AP2HDB shall have an optimized fan motor and blower design to enable up to 40 feet of air flow.
- The AW15AP2HDB, AW18AP2HDB, AW24AP2HDB shall have an optimized fan motor and blower design to enable up to 60 feet of air flow.

(4.5.3) Fan Blade

- The fan blade shall be a corrosion-resistant cross-flow blower.
- The fan shall be designed with optimized diameter and surface area to deliver quiet and even air flow.

(4.5.4) Copper Piping

- The coil shall be connected to a length of insulated annealed copper.
- The ends of the tubing shall have male flare connections.

(4.5.5) Air Louvers

- The supply air shall be distributed by horizontal and vertical motorized louvers.
- Air Louvers shall provide wide angle of operation for both horizontal (120°) and vertical (90° from top to down) airflow movement to provide room comfort for each corner.

(4.5.6) Display

- The wall mounted indoor unit shall have a 4.5 x 1.1-inch backlit temperature display capable of showing set or room temperatures.
- The display shall also have colored icons representing set mode.
- The display can be turned off from the wireless remote control.

(4.5.7) WiFi

- The wall mounted indoor unit shall be capable of connecting to WiFi using an adapter..

(4.5.8) Filter

- The wall mounted indoor unit shall have removable air filters.
- The air filters shall be washable and reusable.

(4.5.9) Control

- The wall mounted indoor unit shall ship with the standard hand-held remote control.
- The wall mounted indoor unit shall be compatible with YR-E17, YR-E16B and QACT17A wired controls. The adapter, WK-B, shall be used with the indoor unit when connected to a wired controller.

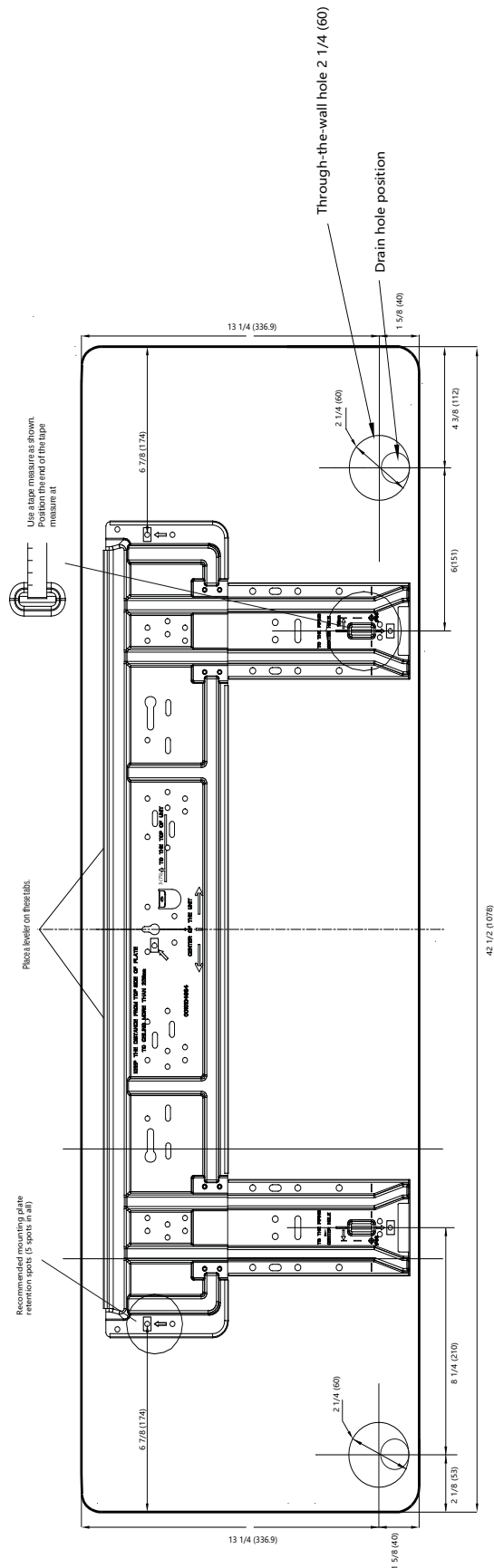
(4.5.10) Installation Clip

- The wall mounted indoor unit shall have a built-in clip that swings out and acts as a kick stand to allow for easier access to the rear of the unit during installation and repair.

4. INDOOR UNITS

4.6 Mounting Brackets

A mounting bracket and mounting template are included for highwall installation. Dimensions vary by model. Example below is for illustration purposes only.



5.1 YR-HG Standard Remote Control

(5.1.1) General

- A. Standard remote control shall be compatible with wall mounted and cassette indoor units.
- B. Standard remote control shall come packaged with wall mounted and compact cassette indoor units

(5.1.2) Connection

- A. Standard remote control shall be infrared.

(5.1.3) Warranty

- A. The warranty shall cover all defects in workmanship or material for a period of 1 year. A new or refurbished controller will provide with sole discretion.

(5.1.4) Features

- A. The wireless control shall have a power button, individual mode buttons (Heat, Cool, Dry), temperature +/-, fan speed, vertical and horizontal louver adjustments.
- B. The wireless control shall be capable of setting a precise temperature of $\pm 1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- C. The wireless control shall have a backlight.
- D. The wireless control shall have a child lock function.
- E. The wireless control shall have the ability to turn on/off the indoor unit display.
- F. The wireless control shall display either Fahrenheit or Celsius.



5.2 Wired Controllers

(5.2.1) General

- A. The wired controller shall be a wall-mounted.

(5.2.2) Connection

- A. The wired controller shall connect to an indoor unit using the supplied cable.
- B. Two wired controllers can connect to one indoor unit.
- C. A single wired controller shall be able to connect up to 16 of the same model type of indoor units. The connected units shall work in unison as a single zone.

(5.2.3) Warranty

- A. The warranty shall cover all defects in workmanship or material for a period of 1 year. A new or refurbished controller will provide with sole discretion.

(5.2.4) Compatibility

- A. The wired controller shall be compatible with all Haier indoor units. Connection to a wall mounted unit requires a WK-B adapter. If multiple indoor units are connected to the controller, a WK-B adapter is required for each indoor unit.

(5.2.5) YR-E17 Features

- A. The wired controller shall operate power, mode (heat, cool, dry), temperature +/-, fan speed.
- B. The wired controller shall be capable of setting a precise temperature of $\pm 1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- C. The wired controller shall have a backlight.
- D. The wired controller shall have vertical and horizontal louver control.

- E. The wired controller shall have a child lock function.
- F. The wired controller shall display either Fahrenheit or Celsius.
- G. The wired controller shall have the ability to display indoor ambient temperature.
- H. The wired controller shall have a Clean Filter reminder.
- I. The wired controller shall display error codes.

(5.2.6) YR-E16B Features

- A. The controller shall have a color display.
- B. The wired controller shall have a power button, individual mode buttons (heat, cool, dry), temperature +/-, fan speed, vertical and horizontal louver adjustments.
- C. The wired controller shall be capable of setting a precise temperature of $\pm 1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- D. The wired controller shall have a backlight.
- E. The wired controller shall have a child lock function.
- F. The wired controller shall display either Fahrenheit or Celsius.
- G. The wired controller shall have the ability to display indoor ambient temperature.
- H. The wired controller shall have a Clean Filter reminder.
- I. The wired controller shall display error codes.
- J. The wired controller shall be able to be programmed for daily or weekly settings.

Continued on following page...

5.2 Continued...

(5.2.7) QACT17A Features

- A. The wired controller shall have large physical buttons for easy operation.
- B. The wired controller shall have a power button, a mode button (heat, cool, dry), a fan speed button, a temperature up button and a temperature down button.
- C. The wired controller shall be capable of setting a precise temperature of $\pm 1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- D. The wired controller shall have a backlight.
- E. The wired controller shall have vertical and horizontal louver control.
- F. The wired controller shall have a child lock function.
- G. The wired controller shall display either Fahrenheit or Celsius.
- H. The wired controller shall have the ability to display indoor ambient temperature.
- I. The wired controller shall have a Clean Filter reminder.
- J. The wired controller shall display error codes.
- K. The wired controller shall have an infrared receiver that can receive commands from a hand-held remote control.



5.3 WiFi Adapter

(5.3.1) General

- A. The WiFi adapter shall connect to a smart device app that will provide the user the ability to set mode, temperature, and fan speed of the indoor unit.

(5.3.2) Connection

- A. WA. The WiFi adapter shall connect to the indoor wall mounted unit via the USB port.
- B. The WiFi adapter shall have an app that is compatible with both iOS and Android.
- C. The WiFi adapter shall be paired with existing 2.4GHz network
- D. The WiFi adapter shall comply with Part 15 of the FCC rules.

(5.3.3) Compatibility

- A. The WiFi adapter shall be compatible with all wall mounted indoor units.

(5.3.4) Warranty

- A. The warranty shall cover all defects in workmanship or material for a period of 1 year. A new or refurbished controller will provide with sole discretion.

(5.3.5) Features

- A. The WiFi shall be Google Home compatible.
- B. The WiFi shall be Amazon Alexa compatible.
- C. The homeowner shall have the ability to install and configure the WiFi adapter.

5.4 WK-B Interface Kit

(5.4.1) General

- A. The WK-B adapter shall be used when connecting a wired controller to a wall mounted indoor unit.

(5.4.2) Connection

- A. The WK-B adapter shall connect to the indoor unit with a supplied 3-wire cable.
- B. The wired controller shall connect to the WK-B with a supplied 3-wire cable.

(5.4.3) Compatibility

- A. The WK-B adapter shall be compatible with all Haier mini-split and multi-split wall mounted indoor units.
- B. The WK-B adapter shall be compatible with YR-E17, YR-E16B, and QACT17A wired controllers.

(5.4.4) Warranty

- A. The warranty shall cover all defects in workmanship or material for a period of 1 year. A new or refurbished controller will provide with sole discretion.

Limited Warranty

For the product models listed on Attachment 1 (the "Product"), this Standard Base Limited Warranty is provided to the Original Owner of the Product:

For The Period Of:	GE Appliances Will Replace:
5 year limited parts warranty From the date of the original purchase	This Standard Base. Limited Warranty covers all defects in workmanship or material for the mechanical and electrical parts (including the compressor) contained in the Product ("Defective Parts") for a period of 5 years from the Date of Purchase. GE Appliances will provide new or refurbished parts, or a replacement for all or part of the unit, at its sole discretion, to your licensed HVAC technician installer. This warranty also covers all defects in workmanship or material for the unit controller for a period of 1 year. The remote controller is covered by 1-year accessory warranty. The ductless system is covered by Standard Base Limited Warranty. GE Appliances will provide a new or refurbished controller, at its sole discretion.

EXCLUDED COMPONENTS

The following components are not covered by this warranty: cabinets, cabinet pieces, air filters, driers, refrigerant, refrigerant line sets, belts, wiring, fuses, oil nozzles, unit accessories and any parts not affecting unit operation.

WHAT IS THE DATE OF PURCHASE

The "Date of Purchase" is the date that the original installation is complete and all product start-up procedures have been properly completed and verified by the installer's invoice. Registration is strongly recommended. If the installation date cannot be verified, then the Date of Purchase will be sixty (60) days after the manufacture date, as determined by the Product's serial number. You should keep and be able to provide your original sales receipt from the installer as proof of the Date of Purchase. For new construction, the Date of Purchase will be the date of purchase of the residence by the Owner from the builder.

WHO IS COVERED

Owner occupied: The "Original Owner" of this product means the original owner (and his or her spouse) of the residence where the Product was originally installed. Non-owner occupied: The "Original Owner" of the Product means the original owner of the building where the Product was originally installed, and for new construction, the purchaser of the building from the builder. "Non-owner occupied" is defined as a) single family or multi-family non-owner-occupied residential building, or b) non-industrial commercial application, (such as office buildings, retail establishments, hotels/motels), but for non-owner-occupied Original Owners, this limited warranty requires that the product be installed and maintained annually by a licensed HVAC technician (proof of annual maintenance is required). Subject to the law of the state or province where the Product is installed, the remainder of this Standard Base Warranty is transferable to subsequent owners of the residence or building.

HOW CAN YOU GET SERVICE

Contact your licensed HVAC technician installer. All installation and service must be performed by a licensed HVAC technician. Failure to use a licensed HVAC technician for installation of this Product voids all warranty on this Product.

THIS WARRANTY DOES NOT COVER

- Damage from improper service or installation.
- Damage in shipping.
- Defects other than manufacturing defects (i.e., other than workmanship or materials).
- Damage from misuse, abuse, accident, alteration, lack of proper care and/or regular maintenance, or incorrect electrical voltage or current.
- Damage resulting from floods, fires, wind, lightning, accidents or similar conditions.
- Product that was not installed or serviced by a licensed HVAC technician.
- Labor and related services for repair or installation of the Product.
- A product purchased from an unauthorized online retailer.
- Damage as a result of subjecting Product to an atmosphere with corrosives or high levels of particulates (such as soot, aerosols, fumes, grease).
- A Product sold and/or installed outside of the 50 United States, the District of Columbia, or Canada.
- Batteries for the controller and other accessories provided with the Product for installation (e.g., plastic hose).
- Normal maintenance, such as cleaning of coils, cleaning filters, and lubrication.
- For Product installed in non-owner occupied applications, Product that has not been maintained annually by a licensed HVAC technician (proof required).
- Damage caused by a used or unapproved component or part by GE Appliances, a Haier company (e.g., a used and/or unapproved condenser / air handler).
- Component or parts are not provided by GE Appliances, a Haier Company
- Product that has been moved from its original installation to a new residence or building.

Continued on following page...

Limited Warranty (Continued)

10 YEAR STANDARD REGISTERED LIMITED WARRANTY

All "Indoor and Outdoor Products," identified in Attachment 1, registered by the installer or the Original Owner within 60 days of the Date of Purchase shall receive a Standard Registered Limited Warranty, which shall be identical to the Standard Base Warranty, except that the Limited Parts Warranty shall be for a term of 10 Years. All Product not registered within 60 days of the Date of Purchase shall be subject to the Standard Base Warranty. Some states and provinces do not allow warranty terms to be subject to registration; in those states and provinces the longer terms for Limited Parts Warranty apply. Except in Texas or where otherwise required by law, this Standard Registered Limited Warranty is not transferable to a subsequent purchaser (other than the purchaser of a new building), but subsequent purchases will receive the remainder of the Standard Base Warranty.

THIS LIMITED WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The remedy provided in this warranty is exclusive and is granted in lieu of all other remedies. This warranty does not cover incidental or consequential damages. Some states and provinces do not allow the exclusion of incidental or consequential damages, so this limitation may not apply to you. Some states and provinces do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary by state and province. This warranty covers units within the 50 United States, the District of Columbia and Canada. This warranty is provided by:

GE Appliances, a Haier company, Louisville, KY 40225.

ATTACHMENT 1

The "Product" is defined as Haier brand and GE Appliances brand Ductless Split Units and Side-discharge Units. The "Product" contains 2 sub-categories of goods: "Indoor and Outdoor Products" and "Selected Installation Products," which are further defined below: "Indoor and Outdoor Products" can further be identified by the following model number descriptions: 1U*, 2U*, 3U*, 4U*, 5U*, AB*, AD*, AL*, AM*, AW*, AF*, ASY*, USY*, ASH*, AUH*, UUC*, UUY*, "Selected Installation Products", identified by the following model number descriptions: PB-*, PAD-*.

Haier



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