



AHW2 Air Handler with DX Cooling and Hot Water Heat

Standard Features:

- Compact for easy replacement of existing units.
- Space saving design for new construction.
- Vertical design, recessed in-the-wall or closet mounted
- Standard offering is no heat models. Hot Water heat is optional.
- Hydronic control board with a pump cycle timer that cycles the water pump every 6 hours for 60 seconds as required by some states.
- Supply voltage on optional hot water heat models is 115/1/60.
- High efficiency constant torque blower motor.
- Vertical design, recessed in the wall or closet mounted.
- 1/2" Foil faced insulation
- Meets UL60335-2-40; A2L RDS requirements with R-32 or R-454B TXV's
- Meets ASHRAE standard 193 low leak requirements.
- Prewired for cooling, heating and heat pump operation.
- Heavy gauge galvanized embossed steel cabinet.
- Galvanized steel blower wheel and housing.
- Primary and secondary condensate drain pan connections.
- Easy access for service and maintenance.
- Copper tubes with aluminum fin coils.
- 40 VA Transformer and a 24V 3A Fuse in the secondary circuit.
- Includes throwaway air filter
- Standard Warranty – 5 Year Coil and 1 Year Parts

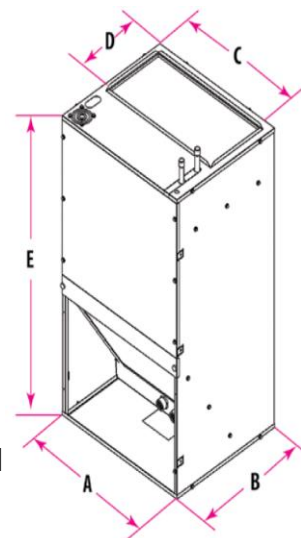
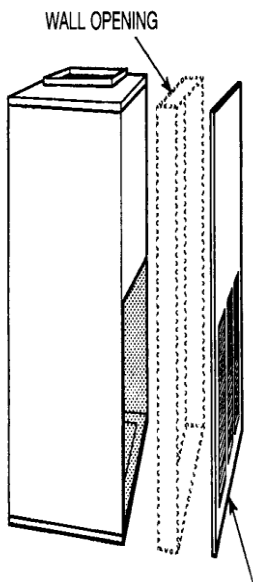
AHW2 Air Handler with DX Cooling and Electric Heat

Description:

The AHW2 Series hot water heat air handler is designed for recessed mounting in a wall or for hanging on a wall in a closet. They can also be mounted on a platform in a closet. The AHW2 Series units handle up to 1,125 CFM of air movement, up to 3.0 tons of cooling and up to 43,400 BTU/H of hot water heat. All units have a circulating pump installed.

For cooling requirements, these units are designed with slant coils to match most brands of AC condensing units and outdoor HP units.

Cabinets are fully insulated with embossed galvanized steel finish. These units are ETL Listed.



Filter Sizes

Model No.	Filter Size - in
AHU2	18 x 20 x 1

Physical Dimensions

Model No.	A	B	C	D	E
AHW2	22	18.75	20	10	39

Clearance to Combustibles

Model No.	Top (in)	Back (in)	Sides (in)	Wall Panel Door (in)	Alcove (in)	Closet Door (in)	Duct (in)
AHU	0	0	0	6	30	6	1

Unit Information Table

Model No.	Nominal Tons	Electric Heater kW	Blower Code	Nominal Cooling CFM @ 0.30 inwc ESP / Speed Tap	Nominal Heating CFM @ 0.30 inwc ESP / Speed Tap	Voltage/PH/HZ	Thermostat Voltage/PH/HZ	Max. External Static Duct Pressure (inwc.)
AHU2	1.5-2.0	N/A	LK	1,100	830/1	115/1/60	24/1/60	0.30
AHU2	1.5-3.0	N/A	LL	1,235	796/1	115/1/60	24/1/60	0.30

Factory Installed Options

- Water Circulating Pump
- Freeze switch factory installed on the water coil.
- Fully painted cabinet.
- Fully insulated cabinet and door.
- Hanging bracket for wall hung applications.
- Universal disposable air filter.
- R-32 and R-454B thermostatic expansion valve suitable for heat pump operation.
- Painted white wall panel door for wall recessed applications.
- Embossed, louvered coil door for wall hung applications.
- Equipment suitable for 0-inch clearance to combustible material.

Field Installed Options

- Louvered access door panels.

Hot Water Heat Configuration with a Hot Water Tank

