



Products Main

Series VI Water Source Heat Pump & Air Conditioner

Features and Benefits

How It Works

Are you looking for a unit that offers design flexibility, provides a lower installed cost, reduces maintenance, and features like aluminum grilles for a superior long-lasting appearance? The Whalen Company is your only choice. Today our efforts remain focused, undiluted by the product line proliferation so common in our industry. Our success has attracted many imitators through the years, but none come close to the depth and breadth of the Whalen experience with this type of unit.

Series VI is a proven concept in air conditioning any type of building... advantageous for both new construction and the renovation of apartments, condominiums, hotels, senior living facilities, dormitories and office buildings. It is our belief that a unit manufacturer should offer equipment that is flexible enough to meet the design of the building in lieu of forcing a building to conform to limitations of the equipment. This philosophy is not limited to physical size or optional accessories. The Series VI is capable of performing at entering water temperatures of 60 degrees - 95 degrees F and at 20 degrees - 100 degrees F with the addition of a ground source.

Features and Benefits

Supply Opening

Left, Right, Front, Back and Top Combinations. All supply openings are painted black to block the view into the unit and when one unit is used for two rooms, a sight baffle is placed between the two grilles.

Supply Grille

Aluminum construction minimizes future maintenance and eliminates oxidation that can be caused from condensation—Single or Double



Deflection with or without an opposed blade damper

Supply/Return Risers

Provided to meet the requirements of the jobsite. Custom lengths can be provided to meet the exact floor to floor dimension of the project. Risers are factory installed and piped to ball valves within the cabinet.

Riser Cover

Galvanized steel protective cover is standard to avoid damage during shipping, handling and installation

Ball Valves

Shut off valves with hose bib (GHT) connection

Fan/Motor Assembly

Plug-in type; easily removed through the return air opening Insulation High density with thermal and acoustical properties

Cabinet

The galvanized monocoque construction permits the direct application of plaster or drywall

Refrigeration Chassis

Removable-floating design with insulated compressor compartment and vibration isolation

Water Hoses

Connects chassis to the supply and return water piping. Isolates compressor sound from the building piping system.

Inner Service Panel

Removable for access to unit control wiring and internal piping

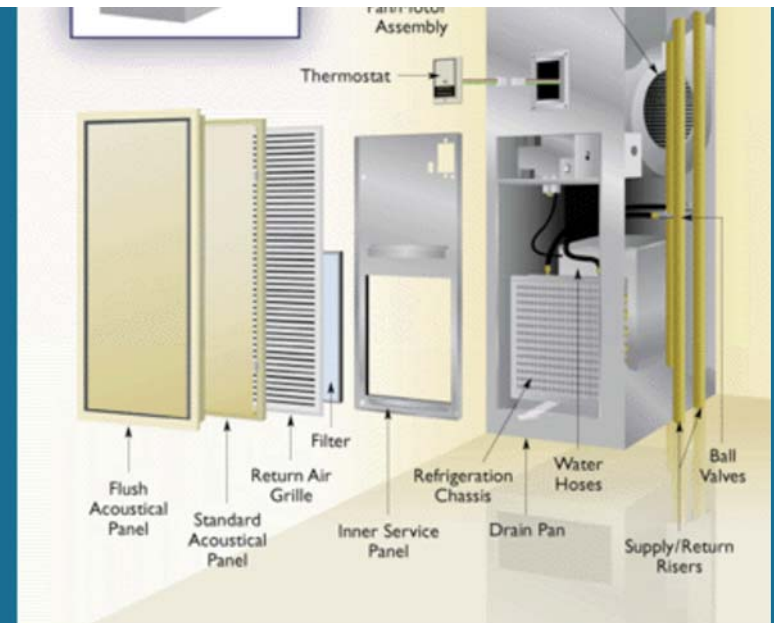
Filter

Throwaway or permanent

Drain Pan

Covers the entire unit bottom Thermostat Low voltage; plug-in or remote mounted; manual or automatic changeover; electro-mechanical or electronic

Acoustical Panel



Standard and flush mounted design with hinged door to allow filter removal without the use of tools

Return Air Grille

Aluminum with standard or removable core capabilities

Unit Tagging

Each unit is individually boxed and tagged with factory and customer supplied information. Whalen units can be tagged with specific room numbers, riser numbers or any special requirement of the project.

ARI Certified



How It Works

Heating Mode	Cooling Mode
In the heating mode, hot refrigerant flows through the air coil. The heat pump supplies warm air to the conditioned space. The heat added to the room air is removed from the water flowing through the coil, plus rejected compressor heat.	In the cooling mode, cold refrigerant flows through the air coil. The heat pump supplies cool air to the conditioned space. The heat removed from the room air is transferred to the water flowing through the water coil.

