



**The  
Whalen  
Company**

Closetline® Packaged Water Source Heat Pump



# Closetline®

## Packaged Water Source Heat Pump

- Available in sizes 0.5 to 6.0 nominal tons
- Single-stage operation up to 15.0 EER
- Horizontal or vertical configuration
- Compound footprint with easy service access
- Open or closed loop applications
- Hybrid heating and cooling operation
- CuNi heat exchanger available

# Closetline® Water Source Heat Pump

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## Great for a Variety of Applications

The Closetline® CAS series from The Whalen Company boasts a compact cabinet, making this heat pump system the perfect solution for commercial retrofit or new construction applications.

The Closetline® CAS series far exceeds the ASHRAE 90.1 minimum efficiency and utilizes environmentally friendly R-454B refrigerant to reduce operating costs without compromising the environment. Closetline® water source heat pumps are popular in a variety of building applications where quiet operation in a compact footprint is a key requirement.

## Ideal for New Construction and Rehabilitations - Low-Rise and High-Rise

True to our commitment to offer equipment that's flexible enough to meet the design of the building rather than forcing a building to conform to limitations of the equipment, our Closetline® packaged water source heat pumps can be applied to virtually any type of building.

With its compact footprint, the Closetline® CAS Series is particularly advantageous for new construction or renovation of apartments, condominiums, hotels, senior living facilities, dormitories and office buildings.



# Benefits that Make a Big Difference

When you consider all of the features of Whalen units, it's easy to see why they deliver so many benefits to contractors and users alike.

## Compact Footprint

Compact cabinet design with quick access for ease of service. Horizontal units can be serviced through the unit bottom to virtually eliminate removing ceiling mounted units for service.

## R-454B Refrigerant

Environmentally friendly, low GWP, non-ozone depleting refrigerant to protect the Earth.

## Fan Operation

Oversized blower for quiet operation. A constant torque multi-speed EC motor is standard for economical operation with soft start and serviceable from one side.

## Drain Pan

Internally trapped (vertical models), stainless steel drain pan for years of trouble-free service.

## Compressor

Compact and efficient compressors, with double isolation for quiet operation.

## Reliable Operation

Thermostatic expansion valve maintains maximum capacity under a wide range of operating conditions.

## Coaxial Heat Exchangers

Heavy duty coaxial heat exchanger for reliability. Enhanced internal surface treatment for increased efficiency (CuNi available).

## Easy to Install

Water connections are securely mounted flush to the cabinet to eliminate the need for a backup wrench.

## Electronic Control Board

Each unit ships with solid state microprocessor controls with safeties built in for reliable protection.

## Built to Last

Satin galvanized and acoustically insulated cabinet for years of quiet operation.

## Geothermal Application

Unit capable of operation on a closed loop or a water well installation.

Closetline® CAS Performance Ratings – EC Motor

| Model with EC Motor | CFM   | GPM  | Water Loop Heat Pump |              |               |     |
|---------------------|-------|------|----------------------|--------------|---------------|-----|
|                     |       |      | Cooling 86°F         |              | Heating 68°F  |     |
|                     |       |      | Capacity Btuh        | EER Btuh / W | Capacity Btuh | COP |
| CAS**006B           | 200   | 2.0  | 5,800                | 14.0         | 7,200         | 4.5 |
| CAS**009B           | 300   | 2.5  | 9,000                | 13.0         | 11,000        | 4.4 |
| CAS**012B           | 400   | 3.0  | 11,500               | 12.2         | 14,000        | 4.3 |
| CAS**015B           | 500   | 3.8  | 15,000               | 15.0         | 18,000        | 4.5 |
| CAS**018B           | 600   | 4.5  | 18,000               | 15.0         | 21,500        | 4.5 |
| CAS**024B           | 800   | 6.0  | 24,000               | 15.0         | 27,000        | 4.5 |
| CAS**030B           | 1,000 | 7.5  | 29,000               | 15.0         | 32,000        | 4.5 |
| CAS**036B           | 1,200 | 9.0  | 36,000               | 15.0         | 40,000        | 4.5 |
| CAS**042B           | 1,400 | 10.5 | 42,000               | 15.0         | 46,000        | 4.5 |
| CAS**048B           | 1,600 | 12.0 | 48,000               | 15.0         | 54,000        | 4.5 |
| CAS**060B           | 2,000 | 15.0 | 58,000               | 15.0         | 65,000        | 4.5 |
| CAS**072B           | 2,200 | 18.0 | 70,000               | 15.0         | 75,000        | 4.5 |

Behind every unit that carries the Whalen name is a singularity of purpose: the engineering and manufacturing of products that improve the quality of life for our customers.

Our long-term commitment to this endeavor assures you of systems that are distinctive in **concept, performance, reliability** and **value**.

The number of industry “firsts” from Whalen is impressive. They include:

- The industry’s first vertical stack valveless fan coils
- The first vertical stack heat pump offering
- The first removable chassis closet-type heat pumps
- The first AHRI-listed water-cooled air conditioning units with hydronic heat

Let us put Whalen innovation to work for you, too. Find out how our approach to your project will deliver a “perfect fit” solution – and make your life easier.

Need to locate a sales representative? Whalen’s sales rep locator tool was designed to help you easily find a Whalen sales representative within the United States and Canada.

**[whalencompany.com/relocator](http://whalencompany.com/relocator)**



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