

Whalen vertical heating and cooling systems

FOR **SENIOR
HOUSING**
DESIGN AND
RETRO-FIT
ENGINEERING

- Flexible configurations
- Efficient
- Lower installed cost
- Reduced maintenance cost
- Small footprint
- Clean and quiet system operations



Whalen Vertical Fan-Coil System

From senior housing community design to retro-fit and re-hab engineering, Whalen vertical heating and cooling systems are the top choice in the market. All of our systems feature units that share several advantages over conventional systems, including lower installation and maintenance costs, and quiet, efficient performance. In addition, our unique design lends itself to the security and privacy needs of senior populations. The small footprint means space savings in scaled-down living quarters. Maintenance and repair, when needed, are simple and quick to enhance the comfort and security of residents. Operation on all of our systems is clean and quiet, promoting a restful, healthy environment.



Our riser heat-exchanger vertical fan-coil units are an industry innovation, providing maximum flexibility with reliable, energy-efficient performance, aesthetic appeal, and privacy-sensitive installation and maintenance. The unique advantages of the riser heat-exchanger system are derived from the transfer of field labor into a closely supervised factory environment, where all components come together. This completely assembled product offers economy, ease of installation, efficient operation, and trouble-free maintenance. Specifics on features, design, and performance elements are available in our product catalog.





Two-Pipe Unit



Two-Pipe unit with Electric Heat



Four-Pipe Unit

Whalen Series VI Heat Pump and Air Conditioner

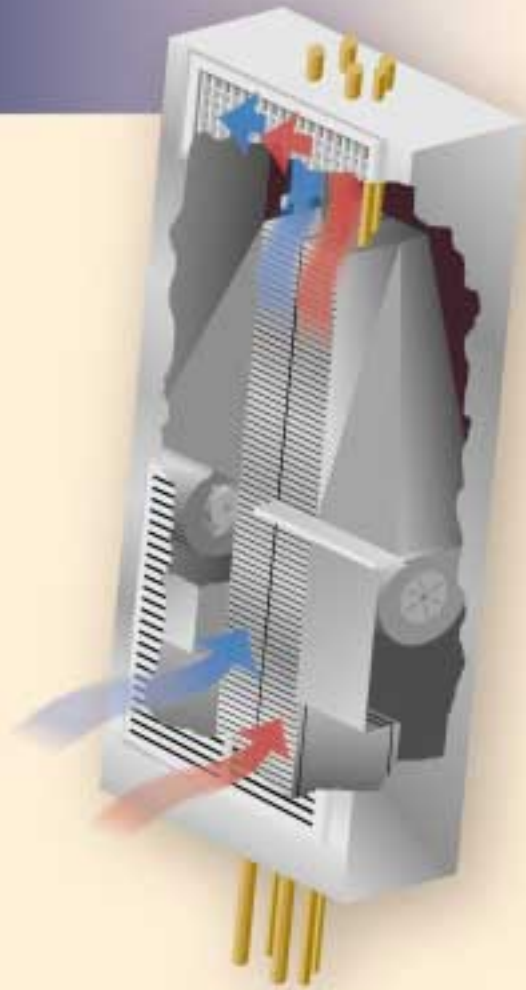
The Whalen water source heat pump/air conditioner offers the same cost and convenience benefits as the vertical fan-coil system, with several other features which make it a strong contender in the senior housing construction market. As with the fan-coil units, vertical design eliminates dropped ceilings, access panels, and vertical pipe chases required by other systems, trimming construction and installation costs. Again, a small footprint is a space-saver in apartment living. And with this particular design, floor-level refrigeration chassis removal ensures that inconvenience and intrusion are kept to a minimum when service is required. For specifics on flexible configurations, plus options such as electric and hydronic heat supply, please consult our catalog.



Whalen 50/50 Four-Pipe System

The Whalen 50/50 system features all the advantages of a conventional 4-pipe system but reduces pump and piping requirements by 50%. During design day conditions, two pumps—each sized to carry 50% of the total flow—operate in parallel delivering 100% of the hot or chilled water required. Marginal days can be handled either by one or two pumps circulating hot or chilled water through one or both heat-exchangers. This design allows pump and motor usage to be staged as conditions require, keeping energy demands at a minimum.

- Elimination of all electric valves, dampers, and flow control valves
- Absence of any soldered connections within the cabinet
- Reduction in operating costs with two fans per unit sized for 50% of total CFM required
- Simplified maintenance procedures which reduce costs
- Significant reduction of total installation and operating costs



Whalen vertical heating and cooling systems offer a “perfect fit” for senior housing installations. For complete information on the full line of products and the wide range of configurations and options available, see the Whalen product catalog, or call a representative today.



The Whalen Company remains a family business in form and function. Behind every unit that carries the Whalen name is a singularity of purpose—the engineering and manufacturing of products in only one field of specialization, HVAC equipment for multi-story applications. Our long-term commitment to this endeavor assures you of systems that are distinctive in concept, performance, reliability, and value.



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