

**Versatec 700**  
Commercial / 10 & 15 Ton  
Water Source/Ground Source Heat Pump



**Versatec 700**

## VERSATEC 700 FOR COMMERCIAL APPLICATIONS

The WaterFurnace line of commercial variable capacity water source and geothermal systems offers the industry the absolute best in efficiency while maintaining the small cabinet your building needs. The 10 and 15 ton commercial variable capacity units feature Aurora Advanced Controls with true energy, refrigeration, and optional performance monitoring as well as the optional Aurora UPC DDC Controls to integrate into building automation systems. With a capacity range of 25-100%, the WaterFurnace variable capacity system will scale its output to what your building actually needs, maximizing occupant comfort levels.

### KEY FEATURES

**MODEL SIZES:** The 120 and 180 units are available in both horizontal and vertical cabinets as well as with bottomflow configurations for installation in virtually any application.

**WIDE CAPACITY RANGE:** The variable speed unit operates at the speed it needs to condition the space and varies itself between 25% and 100% capacity resulting in the most efficient and comfortable conditioning possible.

**VARIABLE CAPACITY COMPRESSOR:** Copeland variable speed scroll compressors and drives are featured and provide the utmost in efficiency and capacity modulation.

**INTEGRATED EC DIRECT DRIVE FAN MOTORS:** Models 120-180 feature an EC Plenum Fan Motor and Blower with an integrated communicating variable speed EC fan motor with a backward curve impeller providing efficient airflow through 2" of external static footprint for quiet operation and amazing static capability.

**CABINET:** The cabinets utilize a compact footprint and are constructed of heavy gauge environmentally responsible galvanized steel for maximum corrosion resistance. Units are available with a durable white powder coat finish or unpainted. All interior surfaces are lined with 1/2" thick, foil lined acoustic type fiber insulation, applied in a manner that prevents the introduction of glass fibers into the air stream.

**FILTER RACK/RAIL:** Redesigned filter rack includes a standard 1" filter rail with a MERV 4 filter. Options include a 1" or 2" four-sided filter rack suitable for ducted applications, or a 2" filter rail with MERV 13 filters for non-ducted applications.

**AURORA ADVANCED CONTROLS:** The advanced controls provide two-way communication among components as well as true energy monitoring and optional performance and refrigerant monitoring kit compatibility. The Aurora controls system is a complete commercial comfort platform that can bring all aspects of the HVAC system into one cohesive module network.

**AURORA UPC DDC CONTROLS:** A wide variety of points are covered including configurations, sensors, airflow, freeze protection, and even economizer enthalpy controls.

**WATER SIDE ECONOMIZER:** The optional water side economizer circulates water already in the system through coils to provide heating and cooling for the building. It provides an amazing level of performance and efficiency to a system that's already one of the best in the industry.

**COAXIAL HEAT EXCHANGER:** Dual oversized convoluted heat exchangers with copper inner tube (optional cupronickel) and steel outer tube allow for maximum heat transfer at normal and low water flow rates. This minimizes pressure drop and enhances freeze protection.

**MODULATING HOT GAS REHEAT:** By utilizing modulating hot gas reheat, the valve provides consistent comfort by removing moisture from the air without over cooling the space. The hot gas bypass option is designed to limit the minimum evaporating pressure in the cooling mode to prevent the air coil from icing.

**ELECTRONIC EXPANSION VALVE (EEV):** The EEV provides optimal refrigerant flow in the variable capacity system ensuring high efficiency and compressor reliability.




## ASK US HOW YOU CAN SAVE UP TO 50% ON YOUR NEXT COMMERCIAL PROJECT

With the Inflation Reduction Act, projects completed with a geothermal loop and heat pumps may qualify for:

- 30% bonus rate
- 10% bonus rate for domestic content
- 10% Energy Community bonus
- Up to \$5 per square foot tax deduction
- 5-year accelerate depreciation and a 1-year bonus depreciation



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Performance Data and Unit Ratings can be found on  [WeDoGeo.com](https://www.wedogeo.com)  
Contact your WaterFurnace Sales Representative for assistance.



All Versatec 700 Series models are safety listed under UL 60335-2-40 through ETL, and performance listed with AHRI in accordance with ASHRAE/ANSI/AHRI/ISO Standard 13256-1.

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Commercial Solutions

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