



ATF Series

Air-to-Air & Water Heat Pump



- All-in-one air source forced air heating & cooling and hydronic heating
- Desuperheater for domestic hot water
- Whole home sizes up to 6 nominal tons
- Outdoor temperature range of -4°F (-20°C) to 113°F (45°C)
- Microprocessor controlled with BACnet compatibility and data logging



ATF Series

Our Air-to-Air & Water (ATF) Series heat pump heats air for forced air heating and cools air for centralized air conditioning. It also heats water for hydronic heating systems, with user-selectable priority. Available in sizes up to 6 tons, for whole home applications.

Features & Benefits

Indoor Unit - industry leading 24" x 28" footprint, with premium appearance. Air discharge is field-changeable from top to side.

Large Capacity Outdoor Unit - for superior heating in colder outdoor temperatures and ultra efficient cooling.

Fan Units - both indoor and outdoor unit fans are true variable speed with ECM-style motors, for comfort and energy efficiency.

Intelligent Defrost Logic - minimizes energy required to defrost the outdoor coil.

Outdoor Ice Channeling Design - no bottom tray & angled outdoor coil means no ice build-up.

Compressor - Copeland Ultratech® two-stage scroll, with double isolation for quiet operation; located in indoor unit for ease of cold-weather service, and better refrigerant/oil management.

Gen2 Electronic Control Board - with built-in digital user interface. Includes outdoor reset function, data logging, internet and laptop USB connections, and BACnet interface.

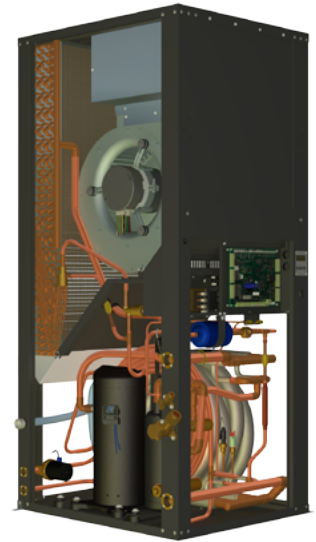
Refrigerant Pressure Sensors - electronic high and low, displayed by user interface.

Electronic Expansion Valves (EEV's) - for precise refrigerant control.

Start Capacitor Kit - standard equipment.

Domestic Hot Water - double walled heat exchanger and ECM bronze head circulator factory installed, an exclusive Nordic feature in the air-source market.

Hydronic Heat Coil - heavy duty coaxial type, for excellent solids tolerance and resistance to freezing. Available in corrosion resistant CuNi.



Certifications



The ATF Series is ideal for forced air heating and cooling in residential homes. It also heats water for hydronic heat systems and domestic hot water. The compressor and other key components are located inside the home for ease of service.

Performance Ratings

The ATF Series is currently undergoing performance testing. Once that is complete, performance ratings will be available.

