



nordicghp.com Maritime Geothermal Ltd.



#### **WH Series**

The WH Series heat pump utilizes clean incoming liquid in the temperature range of 50°F (10°C) to 122°F (50°C) from sources such as the buffer tank on the indoor side of a geothermal heat pump, a cooling loop from an industrial process, or well water in warmer climates. The WH Series has an output temperature as high as 160°F (71°C). This heat pump is available from 2 to 7.5 nominal tons.

### WH 25-80 Features & Benefits

**Space Heating -** This unit is designed for space heating.

**Electronic Expansion Valve -** Ensures precise refrigerant control and maximizes system capacity.

**Refrigerant -** R134a refrigerant, for higher temperature range than otherwise possible.

**Refrigerant Receiver -** means 100% of condenser is available for use at all times, maximizing system capacity.

**Suction Accumulator -** ensures liquid refrigerant cannot get back to compressor, for maximum compressor longevity.

**Cabinet** - is powder coated satin galvanized steel, making it immune to corrosion. **Gen2 Control Board** - Includes built-in aquastat functionality, BACnet, laptop and wifi connectivity, data logging, electronic readout of refrigerant pressures and water in/out temperatures.





## **WH-85 Features & Benefits**

**Domestic Hot Water Heating -** This unit is designed for domestic hot water heating. **Electronic Expansion Valve -** Ensures precise refrigerant control and maximizes system capacity.

**Refrigerant -** R134a refrigerant, for higher temperature range than otherwise possible.

**Refrigerant Receiver -** means 100% of condenser is available for use at all times, maximizing system capacity.

**Suction Accumulator -** ensures liquid refrigerant cannot get back to compressor, for maximum compressor longevity.

Cabinet - is powder coated satin galvanized steel, making it immune to corrosion.

316SS Double Walled Brazed Plate Condenser - to meet building codes

applicable to potable water. **316 Brazed Plate Evaporator -** for maximum efficiency.

**Gen2 Control Board -** Includes built-in aquastat functionality, BACnet, laptop and wifi connectivity, data logging, electronic readout of refrigerant pressures and water in/out temperatures.

### **Certifications**



# **Performance Ratings**

The WH Series is currently undergoing performance testing. Full performance ratings will be available shortly.

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