W Series - Liquid-to-water

- Heating & Cooling
- Water Well or Groundloop
- Two-Stage Copeland Ultratech® compressor
- Domestic Hot Water

R410a Refrigerant
**Features**

**R410a Refrigerant**—Environmentally friendly refrigerant. Will not cause depletion of our ozone layer.

**Compressor**—Copeland UltraTech® high efficiency two-stage scroll.

**Hard Start Kit**—Standard on all single phase models.

**Relays**—Oversized commercial quality—2 million cycle rating.

**TXV**—Expansion valve system maintains maximum capacity under all operating conditions.

**Filter Drier**—Standard on all units.

**Sight Glass**—Standard on all units.

**Accumulator**—Protects compressor against liquid slugging.

**Turbotec®**—Enhanced surface coaxial style heat exchangers (CuproNickel available).

**Domestic Hot Water**—Double wall heat exchanger and bronze head circulator factory installed.

**Service Ports**—High and low service ports for quick connection to a manifold gauge set.

**Electronic Lock-out board** with short cycle timer protection.

**Cabinet**—Satin galvanized with baked enamel finish. Acoustically insulated for quiet operation.

**Doors**—For servicing, all 4 side panels can be removed.

**Loop or Well**—Unit pre-wired for operation on a closed loop or a water well.

**Thermostat**—Ranco® 2-stage digital aquastat available.

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**Performance Specifications**

<table>
<thead>
<tr>
<th>Rating Conditions</th>
<th>Model</th>
<th>Flow (USGPM)</th>
<th>Outdoor PD (Psig)</th>
<th>Mode</th>
<th>Input Energy (Watts)</th>
<th>Heating Capacity (BTU/HR)</th>
<th>COP (Heating)</th>
<th>Input Energy (Watts)</th>
<th>Cooling Capacity (BTU/HR)</th>
<th>COP (Cooling)</th>
<th>EER</th>
<th>DHW Heating (BTU/HR)</th>
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Manufactured by:

**MARITIME GEOTHERMAL LTD.**

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info@nordicghp.com www.nordicghp.com

Desuperheater capacity based on 50°F EWT  Ratings above certified to ISO 13256-2 (International Standards Organization)
Closed Loop 15% NA/CL. Condenser IN temp 104°F