GoGreen, GetGeo!

Go Green, Get Geo!

Geothermal Advantages

Safe, Clean Operation, Environment Friendly

No air, no flame, no dangerous carbon monoxide and a history sealed R-22 refrigerant concern.

Geothermal technology is an attractive alternative for safe, clean and environmentally friendly comfort for your home.

Geothermal units operate more efficiently during cooling and heating seasons, saving you up to 70% and providing incredibly low heat.

Ground Water System

Horizontal and Vertical Systems

Horizontal and Vertical Systems (Closed Loop) are ideal for flat areas or have limited land exposure and ability for over 40 years. Ground Water Systems draw from the earth's natural energy using the Earth's vast heat energy.

Pond/Lake Systems

Pond/Lake Systems (Closed Loop) may be utilized in areas where water bodies such as lakes or ponds are available. It is a closed loop system that takes water from a body of water such as a lake or pond and utilizes the consistent temperature of the water.

Geothermal Loop Types

Horizontal and Vertical Systems (Closed Loop) also utilize the Earth's plentiful energy and renewable thermal characteristics. Horizontal Systems circulate water or an antifreeze solution through a closed loop network of sealed and pressurized pipe and water or an antifreeze solution.

GoExcel: Ultimate Performance and Reliability

GoExcel is a superior line of geothermal equipment with ultimate performance and reliability as the standard. This product line is unmatched in overall efficiency and dependable service with system simplicity as the cornerstone in product design.

GoExcel has an extensive line of single- and two-speed geothermal heating, cooling, and water heating units available for residential and commercial applications. GoExcel is manufactured under strict quality control guidelines, and all products are safety listed by Intertek (ETL) and performance certified by the Air Conditioning and Refrigeration Institute (AHRI) for your peace of mind.

GoExcel models are available in a wide range of equipment sizes, cabinet configurations, and factory installed options that provide the versatility to meet your needs. GoExcel "RZ" and "ES" series models feature two-stage scroll compressors with shift-on-the-fly technology. These systems will provide you with many years of comfort and energy savings.

Geothermal Loop Types

Enjoy all these benefits by simply tapping into the energy already present in your backyard.

Ground Water System

Horizontal and Vertical systems

Horizontal and Vertical Systems (Closed Loop) are ideal for flat areas or have limited land exposure and ability for over 40 years. Ground Water Systems draw from the earth's natural energy using the Earth's vast heat energy.

Pond/Lake Systems

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For more information and to download literature visit www.geoexcel.com or contact:
GeoExcel Series Description

**RESIDENTIAL**

**Series**
- **RZ**
- **ES**
- **ED**
- **HT**
- **RD (Large)**
- **CU**
- **HW**

**Sizes Available**
- **RZ**
  - 3, 4, 5, 6
- **ES**
  - 3, 4, 5, 6
- **ED**
  - N/A
- **HT**
  - 8, 10, 12.5, 15, 17.5, 20, 25, 30
- **RD (Large)**
  - 10, 15, 17.5, 20, 30, 35
- **CU**
  - 3.25, 3.5, 4, 4.25, 5, 6
- **HW**
  - 10, 15, 17.5, 20, 30, 35

**Efficiency (EER)**
- **RZ**
  - 25.4 - 32.0
- **ES**
  - 32.0 - 38.0
- **ED**
  - 32.0 - 38.0
- **HT**
  - 32.0 - 38.0
- **RD (Large)**
  - 32.0 - 38.0
- **CU**
  - 11.8 - 15.7
- **HW**
  - 11.8 - 15.7

**Efficiency (COP)**
- **RZ**
  - 4.0 - 4.7
- **ES**
  - 4.0 - 4.7
- **ED**
  - 4.0 - 4.7
- **HT**
  - 4.0 - 4.7
- **RD (Large)**
  - 4.0 - 4.7
- **CU**
  - 4.0 - 4.7
- **HW**
  - 4.0 - 4.7

**Stages**
- **RZ**
  - 1 Stage
- **ES**
  - 1 Stage
- **ED**
  - 1 Stage
- **HT**
  - 1 Stage
- **RD (Large)**
  - 1 Stage
- **CU**
  - 1 Stage
- **HW**
  - 1 Stage

**Configuration**
- **RZ**
  - VT, HZ, CF
- **ES**
  - VT, C, CF
- **ED**
  - VT, HZ, CF
- **HT**
  - VT, HZ, CF
- **RD (Large)**
  - VT, HZ, CF
- **CU**
  - VT, HZ, CF
- **HW**
  - VT, HZ, CF

**Compressor**
- **RZ**
  - UltraTech
- **ES**
  - UltraTech
- **ED**
  - Various
- **HT**
  - UltraTech
- **RD (Large)**
  - UltraTech
- **CU**
  - UltraTech
- **HW**
  - UltraTech

**Blower**
- **RZ**
  - ECM
- **ES**
  - ECM
- **ED**
  - ECM
- **HT**
  - ECM
- **RD (Large)**
  - ECM
- **CU**
  - ECM
- **HW**
  - ECM

**Auxiliary Heat**
- **RZ**
  - N/A
- **ES**
  - N/A
- **ED**
  - N/A
- **HT**
  - N/A
- **RD (Large)**
  - N/A
- **CU**
  - N/A
- **HW**
  - N/A

**Hot Gas Bypass**
- **RZ**
  - N/A
- **ES**
  - N/A
- **ED**
  - N/A
- **HT**
  - N/A
- **RD (Large)**
  - N/A
- **CU**
  - N/A
- **HW**
  - N/A

**Evaporator Coil**
- **RZ**
  - Tin-Plated
- **ES**
  - Uncased, Tin-Plated
- **ED**
  - Uncased, Tin-Plated
- **HT**
  - Uncased, Tin-Plated
- **RD (Large)**
  - Uncased, Tin-Plated
- **CU**
  - Uncased, Tin-Plated
- **HW**
  - Uncased, Tin-Plated

**Compressor Noise Reduction**
- **RZ**
  - Standard
- **ES**
  - Standard
- **ED**
  - Standard
- **HT**
  - Standard
- **RD (Large)**
  - Standard
- **CU**
  - Standard
- **HW**
  - Standard

**Stainless Steel Drain Pan**
- **RZ**
  - Closed/Open Loop
- **ES**
  - Closed/Open Loop
- **ED**
  - Closed/Open Loop
- **HT**
  - Closed/Open Loop
- **RD (Large)**
  - Closed/Open Loop
- **CU**
  - Closed/Open Loop
- **HW**
  - Closed/Open Loop

**Energy Star Qualified**
- **RZ**
- **ES**
- **ED**
- **HT**
- **RD (Large)**
- **CU**
- **HW**

**COMMERCIAL**

**Series**
- **RD**
- **ED**
- **HT**

**Sizes Available**
- **RD**
  - 2, 3, 4, 5, 6
- **ED**
  - 2, 3, 4, 5, 6
- **HT**
  - 2, 3, 4, 5, 6

**Efficiency (EER)**
- **RD**
  - 11.8 - 15.7
- **ED**
  - 11.8 - 15.7
- **HT**
  - 11.8 - 15.7

**Efficiency (COP)**
- **RD**
  - 4.0 - 4.7
- **ED**
  - 4.0 - 4.7
- **HT**
  - 4.0 - 4.7

**Stages**
- **RD**
  - 2 Stage
- **ED**
  - 2 Stage
- **HT**
  - 2 Stage

**Configuration**
- **RD**
  - VT, HZ, CF
- **ED**
  - VT, HZ, CF
- **HT**
  - VT, HZ, CF

**Compressor**
- **RD**
  - UltraTech
- **ED**
  - UltraTech
- **HT**
  - UltraTech

**Blower**
- **RD**
  - ECM
- **ED**
  - ECM
- **HT**
  - ECM

**Auxiliary Heat**
- **RD**
  - N/A
- **ED**
  - N/A
- **HT**
  - N/A

**Hot Gas Bypass**
- **RD**
  - N/A
- **ED**
  - N/A
- **HT**
  - N/A

**Evaporator Coil**
- **RD**
  - Tin-Plated
- **ED**
  - Uncased, Tin-Plated
- **HT**
  - Uncased, Tin-Plated

**Compressor Noise Reduction**
- **RD**
  - Standard
- **ED**
  - Standard
- **HT**
  - Standard

**Stainless Steel Drain Pan**
- **RD**
  - Standard
- **ED**
  - Standard
- **HT**
  - Standard

**Energy Star Qualified**
- **RD**
- **ED**
- **HT**

**GeoExcel Series Description**

**RZ Series**
- **Model Range**: RZ024 - RZ070
- **Efficiency**: 25.4 - 32.0
- **Sizes**: 3, 4, 5, 6
- **Benefits**: UltraTech Compressor, ECM Motor, Constant Torque, Constant Airflow ECM Motor

**ES Series**
- **Model Range**: ES025 - ES071
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 3, 4, 5, 6
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**ED Series**
- **Model Range**: ED027 - ED060
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 2, 3, 4, 5, 6
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**HT Series**
- **Model Range**: HT025 - HT122
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 2, 3, 4, 5, 6
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**RD (Large) Series**
- **Model Range**: RD007 - RD070
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 10, 15, 17.5, 20, 30, 35
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**CU Series**
- **Model Range**: CU009 - CU018
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 2, 3, 4, 5, 6
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**HW Series**
- **Model Range**: HW120 - HW420
- **Efficiency**: 32.0 - 38.0
- **Sizes**: 10, 15, 17.5, 20, 30, 35
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor

**Commercial Systems**
- **Model Range**: Commercial Systems
- **Efficiency**: 4.3 - 4.7
- **Sizes**: 3.25, 3.5, 4, 4.25, 5, 6
- **Benefits**: ECM Motor, Constant Torque, Constant Airflow ECM Motor
## GeoExcel Series Description

### All Residential and Commercial Performance Data

<table>
<thead>
<tr>
<th>SERIES</th>
<th>RZ</th>
<th>ES</th>
<th>ED</th>
<th>HT</th>
<th>RD (LARGE)</th>
<th>CU</th>
<th>HW</th>
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| Sizing Available (Ton) | 1.3, 1.5, 1.6, 2.0, 2.3, 3.0, 4.0, 5.0, 6.0 | 0.5, 0.75, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0, 3.25, 3.5, 4.0, 5.0, 6.0 | 2.0, 2.5, 3.0, 3.5, 4.0, 5.0, 6.0 | 4.0, 6.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0 | 10.0, 12.5, 30.0, 35.0 | 15.0, 20.0, 35.0, 40.0, 50.0 |

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<tr>
<th>Efficiency (EER)</th>
<th>RD024 - RD070</th>
<th>ES021 - ES027</th>
<th>RD027 - RD036</th>
<th>HT025 - HT122</th>
<th>RD072 - RD080</th>
<th>CU039 - CU058</th>
<th>HW120 - HW200</th>
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<tr>
<td>RD024 - RD070</td>
<td>RD027 - RD036</td>
<td>RD072 - RD080</td>
<td>CU039 - CU058</td>
<td>HW120 - HW200</td>
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<th>1 Stage</th>
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<th>1 Stage</th>
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<tr>
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<td>VT, HC, CF</td>
<td>VT, HC, CF</td>
<td>VT, HC, CF</td>
<td>VT, HC, CF</td>
<td>VT, HC, CF</td>
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<tr>
<td>Compressor</td>
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<td>Various</td>
<td>UltraTech</td>
<td>Various</td>
<td>UltraTech</td>
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<tr>
<td>Boiler</td>
<td>ES021 - ES027</td>
<td>ED027 - ED036</td>
<td>HT025 - HT122</td>
<td>RD072 - RD080</td>
<td>CU039 - CU058</td>
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<tr>
<td>Auxiliary Heat</td>
<td>ESP12 - ESP15</td>
<td>ESP12 - ESP15</td>
<td>ESP12 - ESP15</td>
<td>ESP12 - ESP15</td>
<td>ESP12 - ESP15</td>
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<tr>
<td>Hot Gas Heat exchanger</td>
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<td>Hot Gas Bypass</td>
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<td>Evaporator Coil</td>
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<tr>
<th>Energy Star Qualified</th>
<th>Closed/Open Loop</th>
<th>Closed/Open Loop</th>
<th>Closed/Open Loop</th>
<th>Closed/Open Loop</th>
<th>Not Rated on Commercial Systems</th>
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</thead>
<tbody>
<tr>
<td>RD024 - RD070</td>
<td>RD027 - RD036</td>
<td>RD072 - RD080</td>
<td>CU039 - CU058</td>
<td>HW120 - HW200</td>
<td>Not Rated on Commercial Systems</td>
</tr>
</tbody>
</table>

### RD Standard Features
- UltraTech Single-Stage Compressor
- Copper Nickel Heat Exchanger
- ESP: Compressor Sound Blanket
- ERP: Constant Torque High Efficiency ECM
- RZ Standard Features: Compressor Sound Blanket
- RD Materials: Stainless Steel Drain Pan

### RD Options Continued
- Pump Relay for Loop Pumps
- DDC Controls

### RD Large Options Continued
- Dual Refrigeration Circuits
- Stainless Steel Drain Pan

### RD Standard Features Continued
- Pump Sealed Compressors
- Rotating Single-Stage Compressor
- 2-Stage Compressor on Larger Units

### RD Options
- Hot Gas Bypass
- Ultra Tech™ 2-Stage Compressor
- Stainless Steel Drain Pan

### RD Standard Features
- Stainless Steel Drain Pan
- Pump Relay for Loop Pumps
- DDC Controls
- Stainless Steel Drain Pan

### RD Large Options
- Dual Refrigeration Circuits
- Stainless Steel Drain Pan

### RD Large Options Continued
- Dual Refrigeration Circuits
- Stainless Steel Drain Pan

### RD Large Standard Features
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan

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### RESIDENTIAL

- Energy Star Qualified
- Closed/Open Loop
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan

### COMMERCIAL

- Energy Star Qualified
- Closed/Open Loop
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan
- Stainless Steel Drain Pan

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### Options

- Hot Gas Bypass
- Ultra Tech™ 2-Stage Compressor
- Stainless Steel Drain Pan
- Pump Relay for Loop Pumps
- DDC Controls
- Stainless Steel Drain Pan
<table>
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<tr>
<th>SERIES</th>
<th>RZ</th>
<th>ES</th>
<th>ED</th>
<th>HT</th>
<th>RD (LARGE)</th>
<th>CU</th>
<th>HW</th>
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<tbody>
<tr>
<td>Size Range</td>
<td>RD024 - RD070</td>
<td>EDGS - ED071</td>
<td>RD007 - RD100</td>
<td>HT025 - HT122</td>
<td>RD100 - RD150</td>
<td>CU109 - CU108</td>
<td>HW120 - HW140</td>
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<td>Sizes Available (Tons)</td>
<td>2, 3, 4, 5, 6</td>
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<td>Efficiency (SEER)</td>
<td>EER 0.6 - 2.5</td>
<td>EER 1.0 - 3.5</td>
<td>EER 1.2 - 3.5</td>
<td>EER 1.4 - 3.5</td>
<td>EER 2.0 - 3.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RESIDENTIAL**

- **RZ**
  - Optional ECM
  - Optional RD
  - N/A
- **ES**
  - Optional ECM
  - Optional RD
  - N/A
  - Tin-Plated Air Coil
- **ED**
  - Optional ECM
  - Optional RD
  - N/A
- **HT**
  - Optional ECM
  - Optional RD
  - N/A
  - Tin-Plated Air Coil
- **RD (LARGE)**
  - Optional ECM
  - Optional RD
  - N/A
- **CU**
  - Optional ECM
  - Optional RD
  - N/A
  - Tin-Plated Air Coil
- **HW**
  - Optional ECM
  - Optional RD
  - N/A

**COMMERCIAL**

- **RZ Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Efficient Blower Motor Replacement
  - Front Perforated Cabinet without DACS
  - Sound Levels as Low as 52dB per ARI
  - Stainless Steel Drain Pan
  - Unit Protection Module (UPM) - Monitors for Noise Reduction
  - Humidity Control
  - Better Efficiency, Temperature, and Humidity Control

- **ES Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - G90 Galvanized Steel Cabinet
  - UltraTech™ 2-Stage Compressor for Durability and Reliability
  - Tin-Plated Air Coil

- **ED Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - PSC Blower Motor

- **HT Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - PSC Blower Motor

- **RD (LARGE) Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - PSC Blower Motor

- **CU Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - PSC Blower Motor

- **HW Standard Features**
  - Door Handles for Easy Removal
  - Energy Star Qualified
  - Stainless Steel Drain Pan
  - PSC Blower Motor

**GeoExcel Series Description**

- **RZ Options Contained**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

- **ES Options**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

- **CU Options**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

- **HT Options**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

- **RD (LARGE) Options**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

- **CU Options**
  - Factory Installed Desuperheater
  - Factory Installed Baseboard Radiator
  - Heat Pump with Water Side Economizer
  - Standard Residential Warranty

**Commercial Systems**

- **RZ**
  - Open Loop: RD024 - RD070
  - Closed Loop: RD007 - RD010
  - Optional ECM
  - Optional RD
  - N/A
  - Stainless Steel Drain Pan

- **ES**
  - Open Loop: ES025 - ES071
  - Closed Loop: ES007 - ES010
  - Optional ECM
  - Optional RD
  - N/A
  - Stainless Steel Drain Pan

- **ED**
  - Open Loop: ED025 - ED070
  - Closed Loop: ED007 - ED010
  - Optional ECM
  - Optional RD
  - N/A
  - Stainless Steel Drain Pan

- **HT**
  - Open Loop: HT025 - HT122
  - Closed Loop: HT007 - HT100
  - Optional ECM
  - Optional RD
  - N/A
  - Stainless Steel Drain Pan

- **RD (LARGE)**
  - Open Loop: RD007 - RD010
  - Closed Loop: RD007 - RD010
  - Not Rated on Commercial Systems

- **CU**
  - Open Loop: CU009 - CU018
  - Closed Loop: CU009 - CU018
  - Not Rated on Commercial Systems

- **HW**
  - Open Loop: HW120 - HW140
  - Closed Loop: HW120 - HW140
  - Not Rated on Commercial Systems
Geothermal Advantages

Safe, Clean Operation, Environment Friendly

No fuel, no flares, no dangerous carbon monoxide and utility saved $200's to $700's per unit.

No costly maintenance or expensive repairs. Fully automatic, simple to operate, virtually maintenance-free.

No harmful exhaust gases. Your GeoExcel system is environmentally friendly and extremely safe.

Electricity use is only for the operation of the unit itself. Heat and cooling are free.

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Energy Efficient

Geothermal units operate more efficiently than ordinary heating and cooling systems. Savings vary from 30% to 60% and prove extremely low for your household.

Geothermal Loop Types

Ground Water System

Horizontal and Vertical systems

Horizontal and Vertical systems (Closed Loop) use a loop of plastic pipe installed in a trench through the ground. The horizontal loops are installed in a loop network of sealed and pressurized pipe. The vertical loops are installed in bore holes or drilled into the ground.

Pond/Lake Systems

Pond/Lake (Closed Loop) systems use a loop of plastic pipe installed in a closed loop network of sealed and pressurized pipe. The loop network is submerged into a body of water such as a pond or lake. Pond/Lake systems are specifically designed for environments with water bodies near the property line.

Ground Water Systems (Open Loop)

Ground Water Systems draw water from an aquifer via a supply well, pumped through the ground. Closed loop systems are installed in the ground with a recirculating pipe network. The water is returned to the ground and is raised in temperature.

Horizontal System

Surface Water Systems Closed Loop: Horizontal systems are installed in a trench through the ground. Horizontal systems may be laid on top of the water table or below the water table. Horizontal systems are typically installed in a series of loops through the ground.

Vertical System

Surface Water Systems Closed Loop: Vertical systems are installed in bore holes or drilled into the ground. Vertical systems are typically installed in a series of loops through the ground.

Pond/Lake Systems (Closed Loop)

Pond/Lake systems are installed in a closed loop network of sealed and pressurized pipe. The loop network is submerged into a body of water such as a pond or lake. Pond/Lake systems are specifically designed for environments with water bodies near the property line.

Geothermal Loop Types

Ground Water System

Horizontal and Vertical systems

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Ground Water Systems (Open Loop)

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Horizontal System

Surface Water Systems Closed Loop: Horizontal systems are installed in a trench through the ground. Horizontal systems may be laid on top of the water table or below the water table. Horizontal systems are typically installed in a series of loops through the ground.

Vertical System

Surface Water Systems Closed Loop: Vertical systems are installed in bore holes or drilled into the ground. Vertical systems are typically installed in a series of loops through the ground.

Pond/Lake Systems (Closed Loop)

Pond/Lake systems are installed in a closed loop network of sealed and pressurized pipe. The loop network is submerged into a body of water such as a pond or lake. Pond/Lake systems are specifically designed for environments with water bodies near the property line.

Ground Water System

Horizontal and Vertical systems

Horizontal and Vertical systems (Closed Loop) use a loop of plastic pipe installed in a trench through the ground. The horizontal loops are installed in a loop network of sealed and pressurized pipe. The vertical loops are installed in bore holes or drilled into the ground.

Pond/Lake Systems

Pond/Lake (Closed Loop) systems use a loop of plastic pipe installed in a closed loop network of sealed and pressurized pipe. The loop network is submerged into a body of water such as a pond or lake. Pond/Lake systems are specifically designed for environments with water bodies near the property line.

Ground Water Systems (Open Loop)

Ground Water Systems draw water from an aquifer via a supply well, pumped through the ground. Closed loop systems are installed in the ground with a recirculating pipe network. The water is returned to the ground and is raised in temperature.

Horizontal System

Surface Water Systems Closed Loop: Horizontal systems are installed in a trench through the ground. Horizontal systems may be laid on top of the water table or below the water table. Horizontal systems are typically installed in a series of loops through the ground.

Vertical System

Surface Water Systems Closed Loop: Vertical systems are installed in bore holes or drilled into the ground. Vertical systems are typically installed in a series of loops through the ground.

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Go Green, Get Geo!
Geothermal Advantages

Safe, Clean Operation, Environment Friendly

No gas, no flame, no digestive carbon monoxide and a heating system 80% efficient compared to a traditional oil furnace. Geothermal technology an alternative for safe, clean and environmentally friendly comfort for your home.

Geothermal units operate more efficiently than ordinary heating and cooling sys-
tems, saving you up to 20% and producing remarkably low heat.

Geothermal Loop Types

Ground Water System

Horizontal and Vertical systems

Ground Water Systems are perfect for areas that have an aquifer (a sub-
derground source of water) and is where most residential ground water sys-
tems are located. Ground Water Systems are preferred if you have a high
water table or an area with a low water table. Ground water systems are
an excellent choice for homes that need a low initial investment and
have a low installation cost.

Horizontal Systems

Horizontal Systems are cost effective and can include a 20-year warranty.
Horizontal Systems also use less land compared to Vertical Systems.

Vertical Systems

Vertical Systems have a lower initial cost and are lower maintenance but
require more land. Vertical Systems pumps the water from an aquifer via
a supply well, transport the water through the Geothermal heat pump’s
heat exchanger where heat is exchanged. Vertical Systems are ideal for
areas that have an aquifer and low water availability.

Pond/Lake Systems

Pond/Lake Systems are perfect for homeowners who have a lake or
pond on their property. Pond/Lake Systems use the water from the
pond or lake as an energy source. Pond/Lake Systems are a closed loop
system that is very efficient and cost effective. Pond/Lake Systems
are ideal for areas that have a low initial investment and have a low
installation cost.

Pond/Lake Systems (Closed Loop)

Pond/Lake Systems use the water from the pond or lake as an energy
source. Pond/Lake Systems are a closed loop system that is very
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that have a low initial investment and have a low installation cost.

Go Green, Get Geo!

GeoExcel: Ultimate Performance and Reliability

If you are looking for the ultimate performance and reliability in your geothermal system, GeoExcel is the solution.

GeoExcel's systems are designed to provide constant, even temperatures and superior efficiency. GeoExcel systems are ideal for homes that need a low initial investment and have a low installation cost.

GeoExcel models are available in a wide range of equipment sizes, cabinet configurations, and factory installed options that provide the versatility to meet your needs. GeoExcel’s reliability and energy savings will provide you with many years of comfort and energy savings.

For more information and to download literature visit www.geoexcel.com or contact GeoMaster, LLC

Fort Wayne, IN 46808

877-4-GEO-411
info@GeoExcel.com
www.geoexcel.com

GeoMaster, LLC
Proudly Manufactured in the U.S.A.

GeoExcel is manufactured under strict quality control guidelines, and all products are safety listed by Intertek (ETL) and performance certified by the Air Conditioning and Refrigeration Institute (AHRI) for your peace of mind.

GeoExcel has an extensive line of single and two-speed geothermal heating, cooling, and water heating units available for residential and commercial applications.

GeoExcel Loop Types

Ground Water System

Horizontal and Vertical systems

Horizontal Systems are well suited for homes that have existing ground water and is where most residential ground water systems are located. Ground Water Systems are preferred if you have a high water table or an area with a low water table. Ground water systems are an excellent choice for homes that need a low initial investment and have a low installation cost.

Horizontal Systems

Horizontal Systems are cost effective and can include a 20-year warranty. Horizontal Systems also use less land compared to Vertical Systems.

Vertical Systems

Vertical Systems have a lower initial cost and are lower maintenance but require more land. Vertical Systems pumps the water from an aquifer via a supply well, transport the water through the Geothermal heat pump’s heat exchanger where heat is exchanged. Vertical Systems are ideal for areas that have an aquifer and low water availability.

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Pond/Lake Systems (Closed Loop)

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