

Geothermal Ground Source Heat Pumps

A great advantage of geothermal ground source heat pumps is they can be used in many locations. A geothermal heat pump can be very efficient in providing buildings with a source of low cost hot water. The use of a ground source heat pump with a backup boiler allows the boiler to use less energy to heat than it would have previously. This can save significant amounts of money on energy bills for home or business.



Century, a division of Heat Controller Inc., offers a full line of heat pumps.

HRV: single stage vertical unit,
R-22 refrigerant. >>



<< HTV: two-stage vertical unit,
R-410A refrigerant.

Both models are available in sizes ranging from 2 to 6 tons and are available with a built in de-super heater. The de-super heater can assist in producing domestic hot-water. Although it does not make enough hot water for total consumption; it helps the demand.

See your First Supply salesperson for a complete list of EnergyStar qualifying products.

Geothermal Heat Pumps that meet these qualifications are eligible for a tax credit of 30% of installation cost. Qualifying products must be installed prior to December 31, 2016.

- Closed Loop: EER \geq 14.1; COP \geq 3.3
- Open Loop: EER \geq 16.2; COP \geq 3.6
- Direct Expansion: EER \geq 15; COP \geq 3.5



Supporting
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