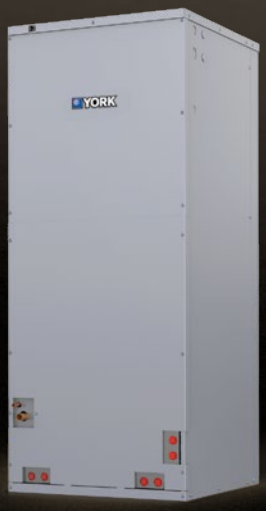
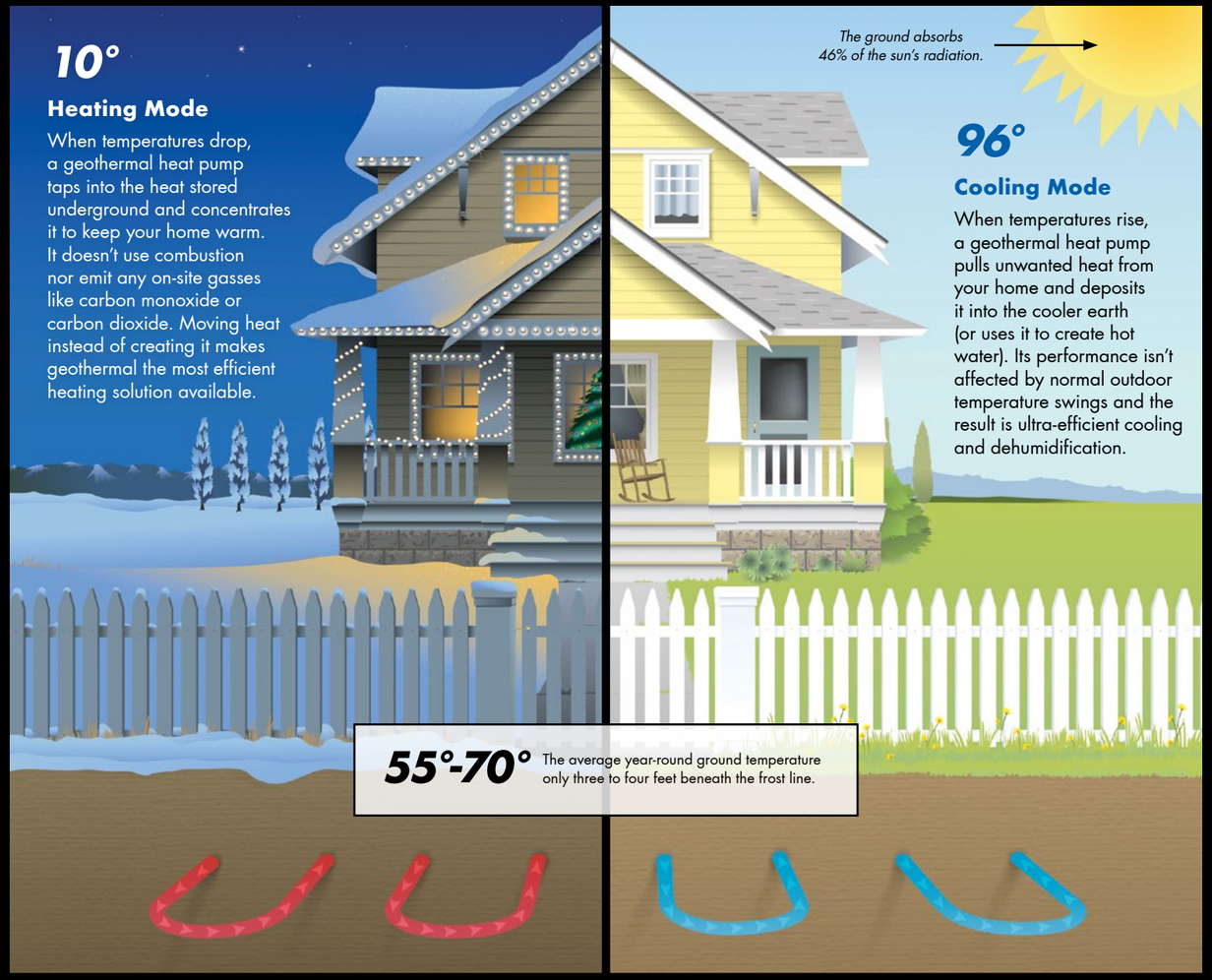
SAH AIR HANDLER

AFFINITY™ SERIES

GEOTHERMAL HEAT PUMPS

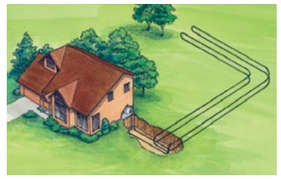


YORK®



Geothermal Earth Loops

A geothermal system uses a series of underground pipes called a "loop." A loop is the secret behind a geothermal system's amazing efficiencies and the biggest difference from ordinary heating and cooling technologies.



Horizontal Loop

A typical home needs ¼ to ¾ of an acre to utilize a horizontal loop, and trenches are dug using a backhoe or chain trencher. High density polyethylene pipes are inserted, and the trenches are backfilled.

Vertical Loop

A typical home requires three to five bore holes, dug with a drilling rig. A pair of pipes with special u-bend fittings is inserted into the holes.

Pond Loop

A ½ acre, 8-foot-deep pond is usually sufficient for the average home. A series of coiled, closed loops are sunk to the bottom of the body of water and are used for heat transfer.

Open Loop

An open loop utilizes a well that has an adequate capacity to provide water flow for both domestic use and the geothermal unit. Most units require 3-10 GPM, depending on size and model.

Learn more at yorkgeothermal.com

Efficiency

Geothermal heat pumps are much more efficient than traditional heating and cooling systems. When paired with one of our indoor and outdoor split systems, the SAH Air Handler provides maximum efficiency and comfort.

Safe

No combustion or flames are used to operate a geothermal heat pump, making it a safe choice for your home and family. Our systems merely move heat to and from the ground rather than by burning natural gas, propane, or oil.

Cost effective

Geothermal heat pumps are so efficient that any added cost over traditional equipment is usually recovered in just a few years. And because they have a lifespan of 20-25 years, your investment will last longer and your return on investment will grow year by year.

Environmentally responsible

Since our units don't burn expensive, polluting fossil fuels, they're the most environmentally responsible options available today. Replacing a furnace and/or air conditioner with geothermal can minimize acid rain threats, air pollution, and the greenhouse effect.

Reliable

York uses only the highest-quality components, design, and workmanship. Computer run-testing after assembly ensures that your equipment performs flawlessly at startup.

Affordable peace of mind

York® Affinity™ SAH units come with warranties up to 10 years for parts and labor allowances. Other options are available, so see your York® Contractor for details.

Most Efficient 2025 www.energystar.gov

Features of the Affinity™ Series

Aurora Controls: *Our Aurora Expansion Board (AXB) in the compressor section coupled with the AHB board in the SAH Air Handler adds energy and performance monitoring making it easy to keep an eye on system operation. With these controls, the SAH Air Handler works seamlessly with our IntelliZone2 system and all of our communicating thermostats.*

Aluminum A-coil: *SAH Air Handlers feature all-aluminum A-Coils which aren't susceptible to formicary corrosion and provide extra durability and extended system life.*

Variable Speed Fan Motor: *The variable speed ECM motor in the SAH Air Handler, when equipped with Aurora Advanced Controls, runs at only the speed needed for maximum efficiency, which means lower electric bills and greater comfort.*

Aurora Interface Diagnostic (AID) Tool: *The SAH Air Handler features an external diagnostic port to allow your HVAC technician to comfortably service and diagnose the system.*

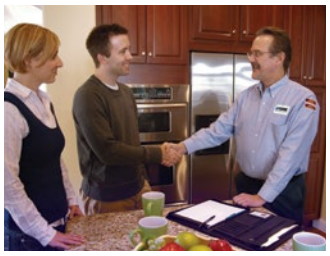
Factory Quality: *Quality checks are performed throughout the assembly process, and computer run-testing is done on every unit to ensure flawless startup and long-term reliability.*

Small, Versatile Footprint: *The small footprint and multiple airflow configurations including upflow, downflow, horizontal left and right make the SAH Air Handler perfect for any installation.*

Cabinet: *A durable powder-coat finish is standard for long lasting beauty and protection. The unit is fully insulated with a cleanable, foil backed insulation and helps provide quiet operation.*

R-454B: *All York® geothermal units utilize R-454B—an environmentally friendly non-ozone-depleting refrigerant that enhances efficiency and savings.*

Make a smart choice: York®



Choosing the right contractor is the first step in selecting the best system for your home. Your York® Contractor is trained to give you professional home comfort services, including:

- An evaluation of factors such as your home's size, age, number of rooms, climate characteristics and utility costs
- A system recommendation that fits your family's comfort needs, your home, your lifestyle and your budget
- The assurance of proper installation and customer care, including warranties and maintenance options

Stay comfortable for years to come.

York® is proud to offer the YorkCare™ Comfort Plan. It's designed to maintain your system as well as your peace of mind. With YorkCare™ you get total protection that ensures your unit is effective and efficient for years to come.

What's more, your York® Contractor offers maintenance agreements that provide upkeep while maximizing the warranty provisions. Ask about the YorkCare™ Comfort Plan. A little extra coverage is always a comforting idea.

Long story short—our history.

OVER 135 YEARS OF DESIGN AND INNOVATION

You've probably enjoyed York® engineering for years without even knowing it. We have, after all, designed and implemented heating and cooling systems in some of the world's most famous structures, including the U.S. Capitol building, the Sydney Opera House, the entire U.S. Navy nuclear submarine fleet, and even venues such as your local mall and corner bank.

There's a reason people trust us with the big jobs. We've been doing this a long time. Over 135 years, in fact. In that time, we developed the first successful room air conditioner and cooled the world's first theater, hotel and office building. We're constantly leading the industry in our design and our technology. And our commitment has earned our products the Good Housekeeping Seal of Approval. No matter what the scale, chances are we've developed an efficient, durable and effective solution for it.

ENERGY STAR

Homeowners who install an ENERGY STAR® rated geothermal system in the U.S. are eligible for a 30% federal tax credit. The 30% credit will last through 2032 and can be claimed on equipment and installation costs with no upper limit. The credit is scheduled to decrease to 26% in 2033 then to 22% in 2034, so act now for the most savings!

Model Dimensions

AIR HANDLER			
MODEL	**DEPTH**	**HEIGHT**	**WIDTH**
2 Ton	21.5	47.0	17.5
3 Ton	21.5	52.0	21.5
4 - 6 Ton	21.5	58.0	25.0

YORK®

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WE ENCOURAGE NATE CERTIFICATION

Learn more at yorkgeothermal.com