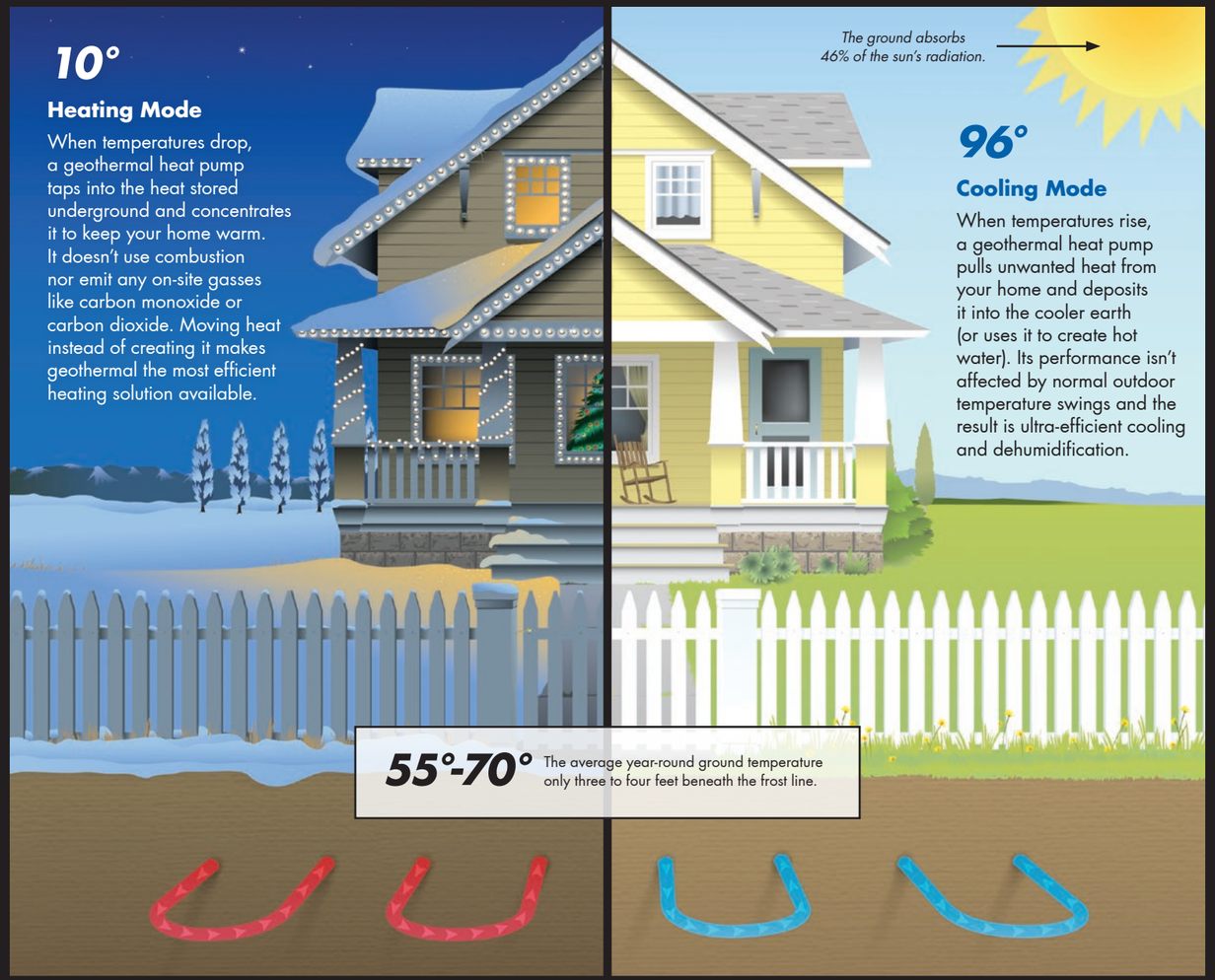
YACT MODEL | 25.7 EER & 4.2 COP

AFFINITY™ SERIES

GEOTHERMAL HEAT PUMPS

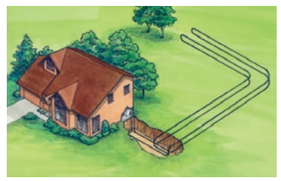
YORK®

INSTALL CONFIDENCE



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. The York® Affinity™ YACT is rated with a 25.7 EER and 4.2 COP, which makes it one of the most efficient units available.

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.

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.

All-in-One with radiant heating

The YACT will provide heating, cooling, supplemental domestic hot water, and even radiant floor heating - all from a single unit. A variety of sizes are available, so no matter your home or climate, a geothermal heat pump will work for you.

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.

Affordable peace of mind

York® Affinity™ YACT 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 2022 ENERGY STAR www.energystar.gov

AHRI CERTIFIED Water Source HP ANSI/AHRI/ASHRAE/ISO13256-1

Intertek

GEO tax credit

Features of the Affinity™ Series

Radiant Heating Capability: *In addition to forced air heating and cooling, the YACT also offers the capability for in-floor radiant heat—all in one unit.*

Blower Motor: *A variable-speed ECM blower motor allows the unit to provide even comfort, quiet operation, and energy savings.*

Hot Water Assist: *The YACT features an optional hot water assist for domestic water. It utilizes any excess energy pulled from the earth to preheat your water and deliver it to your water heater.*

Controls: *Added reliability and simple troubleshooting are accomplished through sophisticated microprocessor controls. Service messages are displayed through the thermostat.*

All-Aluminum Air Coils: *YACT units feature aluminum air coils for durability and extended system life.*

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.*

Drain Pan: *Electronic overflow protection is included to eliminate the possibility of condensate flooding. The drain pan is corrosion-proof and resists bacterial growth.*

Compressor: *High efficiency scroll compressors are featured in the YACT Series for superb efficiency and reliability.*

IntelliStart®: *This optional soft starter reduces start-up amperage by 60% of normal draw to reduce noise, eliminate light flicker, and increase compressor life.*

LED Status Lights: *Externally mounted status lights indicate normal operation or display faults and assist in troubleshooting.*

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-410A: *All York® geothermal units utilize R-410A refrigerant, which is friendly to the environment.*

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!

ISO/AHRI/ASHRAE Performance Ratings (13256-1)

AFFINITY™ YACT MODEL

	MODEL & SIZE		CLOSED LOOP		OPEN LOOP	
			COOLING (EER)	HEATING (COP)	COOLING (EER)	HEATING (COP)
DUAL CAPACITY	038	Full Load	18.7	3.9	23.8	4.5
		Part Load	24.9	4.2	30.6	4.6
	049	Full Load	18.2	3.8	23.1	4.5
		Part Load	25.7	4.2	30.6	4.7
	064	Full Load	16.2	3.8	21.0	4.5
		Part Load	22.6	4.2	27.2	4.7
	072	Full Load	16.1	3.7	20.3	4.3
		Part Load	21.0	4.0	25.2	4.3

For additional product details, such as weight and dimensions, visit www.yorkgeothermal.com or ask your York® Contractor.

YORK®

INSTALL CONFIDENCE

08/22
BR1300YK6

WE ENCOURAGE NATE CERTIFICATION

Learn more at yorkgeothermal.com