ENERGY STAR Most Efficient 2017 — Geothermal Heat Pumps

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The ***ENERGY STAR Most Efficient 2017*** designation recognizes the most efficient products among those that are ENERGY STAR certified. These exceptional geothermal heat pumps represent the leading edge in energy efficient products this year. Access the full list of products recognized as ENERGY STAR Most Efficient in Excel.

Most Efficient 2017 www.energystar.gov

American Standard A2GC Series with Premier Control

Features:
The A2GC is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Premier controls work in conjunction with the dual capacity compressor and 5-speed ECM blower motor to provide comfort and savings at a great price point.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
A2GC024*A	Closed Loop	23,100	18.1	3.9	1,730	189	2,829	35%
A2GC036*A		35,100	18.5	3.8	2,620	286	4,284	35%
A2GC048*A		49,000	19	3.9	3,581	390	5,855	36%
A2GC060*A		59,900	19.4	3.6	4,441	484	7,261	35%
A2GC072*A		67,000	19.1	3.6	5,034	549	8,231	34%
A2GC024*A	Open Loop	25,100	22.5	4.4	1,572	171	2,570	45%
A2GC036*A		38,000	22.6	4.3	2,396	261	3,917	45%
A2GC048*A		52,300	24.5	4.4	3,128	341	5,114	48%
A2GC060*A		64,100	23.4	4.1	4,056	442	6,632	45%
A2GC072*A		71,800	23	4.1	4,588	500	7,502	44%

American Standard A2GX Series with Premier Control

Features:
These American Standard models are dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Premier controls work in conjunction with the dual capacity compressor and variable speed blower motor to provide upscale comfort and amazing savings on utility bills.

Model Number	Configuration	Capacity	Energy Use:	Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum

			EER	COP				
A2GX026***1**1H	Closed Loop	26,400	22.8	4.2	1,680	$183	$2,747	44%
A2GX026***1**4H								
A2GX038***1**1H		38,200	23.8	4.5	2,353	$256	$3,847	49%
A2GX038***1**4H								
A2GX049***1**1H		50,800	23.3	4.2	2,304	$251	$3,767	47%
A2GX049***1**4H								
A2GX064***1**1H		65,500	22.9	4	4,197	$457	$6,862	44%
A2GX064***1**4H								
A2GX072***1**1H		73,800	21.5	3.8	3,193	$348	$5,221	45%
A2GX072***1**4H								
A2GX072***1**1H	Open Loop	27,700	26.8	4.8	1,501	$164	$2,454	55%
A2GX072***1**4H								
A2GX072***1**1H		40,000	28.2	5	4,246	$463	$6,942	43%
A2GX072***1**4H								
A2GX072***1**1H		54,100	28.7	4.6	3,020	$329	$4,938	53%
A2GX072***1**4H								
A2GX072***1**1H		69,000	27.3	4.7	5,070	$553	$8,289	40%
A2GX072***1**4H								
A2GX072***1**1H		79,000	24.8	4.3	4,747	$517	$7,761	47%
A2GX072***1**4H								

American Standard A2GY Series with Premier Control

Features:
These American Standard models provide forced air heating and cooling to your home while also providing radiant floor heat and domestic hot water assistance. It’s the geothermal equivalent of a boiler, furnace, and air conditioner, all in a single unit to provide significant savings on heating, cooling, and hot water bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
A2GY038***1**1	**Closed Loop**	29,100	26.1	4.4	1,683	$183	$2,752	49%
A2GY049***1**1		46,700	23.8	4.2	2,915	$318	$4,766	45%
A2GY064***1**1		59,800	23.1	4.2	3,797	$414	$6,208	45%
A2GY072***1**1		66,900	21.1	3.8	4,645	$506	$7,595	39%
A2GY038***1**1	**Open Loop**	30,400	25.5	4.3	1,797	$196	$2,939	48%
A2GY049***1**1		50,600	24.3	4.3	3,090	$337	$5,051	47%
A2GY064***1**1		64,300	23.3	4.1	4,111	$448	$6,721	44%
A2GY072***1**1		72,400	21.4	3.9	4,932	$538	$8,064	41%

American Standard AVGX Series with Aurora Control

Features:
These American Standard models are variable capacity geothermal heat pumps that heat, cool, and provide a portion of a home's hot water. The communicating Aurora controls work in conjunction with the variable capacity compressor, variable speed blower motor, and variable speed loop pump to provide the utmost in comfort and savings.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
AVGX036**1**1		36,000	29.5	4.4	$1,946	$212	3,182	53%
AVGX048**1**1	**Closed Loop**	46,000	31.4	4.5	$2,381	$260	3,894	55%
AVGX060**1**1		56,000	27.7	4.3	$3,164	$345	5,174	51%
AVGX036**1**1		38,000	39.4	5.3	$1,617	$176	2,644	63%
AVGX048**1**1	**Open Loop**	49,000	42.5	5.1	$2,050	$223	3,352	63%
AVGX060**1**1		60,000	37.2	5.2	$2,654	$289	4,339	61%

Bosch Greensource CDi SM Series with Bosch Control

Features:
Dual capacity, variable speed fan with optional integrated heat recovery package for domestic hot water.

Field configurable unit with LCD display for ease of service; Best-in-class cooling EER with whisper quite operation

10-year limited parts and labor warranty.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
SM024-1CF/VT/HZ	Closed Loop	26,600	24	4.2	1,644	$179	$2,688	46%
SM036-1CF/VT/HZ		40,800	27	4.5	2,290	$250	$3,744	51%
SM048-1CF/VT/HZ		51,300	23.5	4.2	3,209	$350	$5,246	45%
SM060-1CF/VT/HZ		65,100	22.7	4.1	4,197	$457	$6,861	44%
SM070-1CF/VT/HZ		73,700	21.9	4	4,901	$534	$8,013	42%
SM024-1CF/VT/HZ	Open Loop	29,000	30	5	1,465	$160	$2,395	56%

SM036-1CF/VT/HZ		43,300	32.5	5.1	2,075	$226	$3,393	58%
SM048-1CF/VT/HZ		55,300	29.5	4.9	2,845	$310	$4,652	55%
SM060-1CF/VT/HZ		70,200	27.8	4.7	3,803	$414	$6,217	53%
SM070-1CF/VT/HZ		78,700	25.8	4.6	4,488	$489	$7,339	50%

Bryant GC Series with Evolution Thermostat

Features:
For the ultimate in quiet operation and comfort, consider the versatile and feature-rich Evolution Series® GC models with two-stage compressor operation and variable-speed blower. Our top-of-the-line Evolution geothermal products deliver the highest efficiencies we offer. When installed with the Evolution® Connex™ control you'll receive optimal summer dehumidification and even temperatures.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GC024C/H/V******1*X1 + UI	Closed Loop	26,600	24.0	4.2	1,644	$179	$2,688	46%
GC036C/H/V******1*X1 + UI		40,800	27.0	4.5	2,290	$250	$3,744	51%
GC048C/H/V******1*X1 + UI		51,300	23.5	4.2	3,209	$350	$5,246	45%
GC060C/H/V******1*X1 + UI		65,100	22.7	4.1	4,197	$457	$6,861	44%
GC072C/H/V******1*X1 + UI		73,700	21.9	4.0	4,901	$534	$8,013	42%
GC024C/H/V******1*X1 + UI	Open Loop	29,000	30.0	5.0	1,465	$160	$2,395	56%
GC036C/H/V******1*X1 + UI		43,300	32.5	5.1	2,075	$226	$3,393	58%
GC048C/H/V******1*X1 + UI		55,300	29.5	4.9	2,845	$310	$4,652	55%
GC060C/H/V******1*X1 + UI		70,200	27.8	4.7	3,803	$414	$6,217	53%
GC072C/H/V******1*X1 + UI		78,700	25.8	4.6	4,488	$489	$7,339	50%

Bryant GZ Series with Evolution Thermostat

Features:
The Bryant® GZ model offers high-efficiency geothermal cooling performance and is designed to be coupled with a gas/propane furnace or fan coil. It features a quiet, two-stage scroll compressor and, in the right combination, can allow you to enjoy the benefits of Hybrid Heat®technology to gain efficient geothermal heating before switching over to gas in colder weather.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GZ024*******1*X1	Closed Loop	24,900	20.2	3.7	1,803	197	2,949	37%
GZ024******1*X1		24,900	20.2	3.7	1,803	197	2,949	37%
GZ036******1**1		39,200	21.5	4.3	2,573	281	4,208	43%
GZ036******1*X1		36,800	19.6	3.9	2,639	288	4,315	37%
GZ036**1*X1		29,700	17.8	3.7	2,305	251	3,769	32%
GZ048******1*X1		48,600	19.2	3.9	3,547	387	5,800	36%
GZ048**1*X1		49,000	18.8	3.7	3,686	402	6,027	34%
GZ060******1*X1		60,800	19.8	3.7	4,455	486	7,283	36%
GZ060**1*X1		63,900	21.1	4.0	4,365	476	7,137	40%
GZ072**1*X1		74,400	20.5	3.8	5,260	573	8,601	38%
GZ024*******1*X1	Open Loop	26,400	24.3	4.2	1,620	177	2,649	46%
GZ024******1*X1		28,000	25.9	4.3	1,641	179	2,683	49%
GZ036******1**1		41,400	25.8	5.0	2,280	249	3,728	52%
GZ036******1*X1		40,300	24.3	4.7	2,372	259	3,878	49%
GZ036**1*X1		36,300	23.2	4.4	2,257	246	3,690	46%
GZ048******1*X1		52,300	23.8	4.4	3,188	347	5,212	47%
GZ048**1*X1		52,000	22.9	4.3	3,273	357	5,351	45%
GZ060******1*X1		64,300	23.5	4.2	4,048	441	6,618	45%
GZ060**1*X1		66,400	25.6	4.6	3,826	417	6,255	50%
GZ072**1*X1		69,800	22.3	4.4	4,442	484	7,262	44%

Carrier GC Series with Infinity Thermostat

Features:
The new INFINITY® series GC model combines our highest efficiency closed- or open-loop systems with the smart, powerful and intuitive Infinity Touch control. These impressive forced-air or water-to-air systems offer the quiet, comfortable benefits of two-stage and variable speed operation; the versatile programming, energy tracking and wireless capabilities of Infinity Touch; and the superior energy savings of geothermal.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GC024C/H/V******1*X1 + UI	Closed Loop	26,600	24.0	4.2	1,644	$179	$2,688	46%
GC036C/H/V******1*X1 + UI		40,800	27.0	4.5	2,290	$250	$3,744	51%
GC048C/H/V******1*X1 + UI		51,300	23.5	4.2	3,209	$350	$5,246	45%
GC060C/H/V******1*X1 + UI		65,100	22.7	4.1	4,197	$457	$6,861	44%
GC072C/H/V******1*X1 + UI		73,700	21.9	4.0	4,901	$534	$8,013	42%
GC024C/H/V******1*X1 + UI	Open Loop	29,000	30.0	5.0	1,465	$160	$2,395	56%
GC036C/H/V******1*X1 + UI		43,300	32.5	5.1	2,075	$226	$3,393	58%
GC048C/H/V******1*X1 + UI		55,300	29.5	4.9	2,845	$310	$4,652	55%
GC060C/H/V******1*X1 + UI		70,200	27.8	4.7	3,803	$414	$6,217	53%
GC072C/H/V******1*X1 + UI		78,700	25.8	4.6	4,488	$489	$7,339	50%

Carrier GZ Series with Infinity Thermostat

Features:
The INFINITY® GZ geothermal split system heat pump combines superior performance with the smart, powerful and intuitive Infinity Touch control. Utilizing a furnace or fan coil's blower motor to move air and offers the efficiency and comfort benefits of a two-stage compressor, all tied together with the versatile programming, energy tracking and available wireless/remote operation of Infinity Touch.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				

GZ024*******1**1	Closed Loop	24,900	20.2	3.6	1,803	197	2,949	37%
GZ024******1**1		24,900	20.2	3.7	1,803	197	2,949	37%
GZ024**1**1		26,100	21.0	3.8	1,828	199	2,988	39%
GZ036******1**1		36,800	19.6	3.9	2,639	288	4,315	37%
GZ036**1**1		29,700	17.8	3.7	2,305	251	3,769	32%
GZ048******1**1		48,600	19.2	3.9	3,547	387	5,800	36%
GZ048**1**1		49,000	18.8	3.7	3,686	402	6,027	34%
GZ060******1**1		60,800	19.8	3.7	4,455	486	7,283	36%
GZ060**1**1		63,900	21.1	4.0	4,365	476	7,137	40%
GZ072**1**1		74,400	20.5	3.8	5,260	573	8,601	38%
GZ024*******1**1	Open Loop	26,400	24.3	4.2	1,620	177	2,649	46%
GZ024******1**1		28,000	25.9	4.3	1,641	179	2,683	49%
GZ036******1**1		39,200	24.7	4.4	2,348	256	3,838	48%
GZ036**1**1		36,300	23.2	4.4	2,257	246	3,690	46%
GZ036******1*X1		41,400	25.8	5.0	2,280	249	3,728	52%
GZ048******1**1		52,300	23.8	4.4	3,188	347	5,212	47%
GZ048**1**1		52,000	22.9	4.3	3,273	357	5,351	45%
GZ060******1**1		64,300	23.5	4.2	4,048	441	6,618	45%
GZ060**1**1		66,400	25.6	4.6	3,826	417	6,255	50%
GZ072**1**1		77,000	24.5	4.4	4,638	506	7,584	47%

ClimateMaster Tranquility 22 (TZ) Series with iGate Controls

Features:

- ClimateMaster® Tranquility® 22 Digital Packaged Geothermal Heat Pump
- Game changing – FIRST in geothermal industry with Digital Communicating Controls AND “Plug and Play ” Internal Variable Speed water flow control
- Two-stage capacity, variable-speed fan and variable water flow in compact package
- Integrated Hot Water Generator – to pre-heat domestic hot water

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
TZH048	Closed Loop	48,150	18.4	3.9	3,594	$392	$5,876	35%
TZV048								
TZH060		59,800	19.1	3.7	4,456	$486	$7,286	35%
TZV060								
TZH048	Closed Loop	51,800	23.85	4.5	3,120	$340	$5,102	47%
TZV048								
TZH060		64,000	23.35	4.15	4,039	$440	$6,603	45%

TZV060								

ClimateMaster Tranquility 30 (TE) Series with iGate Controls

Features:

- ClimateMaster Tranquility 30 Digital Packaged Geothermal Heat Pump
- Game changing – FIRST in geothermal industry with Digital Communicating Controls AND "Plug & Play" Internal Variable Speed water flow control
- Two-stage capacity, variable-speed fan and variable water flow
- Integrated Hot Water Generator – to pre-heat domestic hot water

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
TEH026	Closed Loop	26,300	24.0	4.3	1,611	$176	$2,634	47%
TED026								
TEH049		50,800	23.6	4.2	3,170	$346	$5,183	46%
TED049								
TEH064		66,200	22.8	4.2	4,240	$462	$6,933	44%
TED064								
TEH072		71,700	20.1	3.8	5,128	$559	$8,384	38%
TED072								
TEH026	Open Loop	28,700	31.3	5.2	1,398	$152	$2,285	57%
TED026								
TEH049		55,800	30.2	5.0	2,821	$308	$4,613	56%
TED049								
TEH064		71,500	28.4	4.9	3,758	$410	$6,144	54%
TED064								
TEH072		77,700	25.6	4.5	4,520	$493	$7,391	49%
TED072								

ClimateMaster Trilogy 45 Q-Mode Series

Features:

- ClimateMaster Trilogy 45 Q-Mode Packaged Geothermal Heat Pump: 45 EER/5.1 COP
- Efficiencies achieved through inverter speed compressor, blower and pump technology
- Web-enabled configuration/diagnostics plus real-time access to system data/fault information.
- Patent pending Q-Mode reduces operating costs with full-time water heating in all four operating modes: cooling, heating, and hot water generation while space cooling.
- Co-developed with ORNL

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
QEV0930	Closed Loop	24,000	33.8	4.4	1,219	$133	$1,992	56%
QEH0930		24,000	33.8	4.4	1,219	$133	$1,992	56%
QED0930		24,000	33.8	4.4	1,219	$133	$1,992	56%
QEV1860		48,000	33.4	4.2	2,496	$272	$4,080	55%
QEH1860		48,000	33.4	4.2	2,496	$272	$4,080	55%
QED1860		48,000	33.4	4.2	2,496	$272	$4,080	55%
QEV0930	Open Loop	24,000	56.9	5.4	859	$94	$1,405	69%
QEH0930		24,000	56.9	5.4	859	$94	$1,405	69%
QED0930		24,000	56.9	5.4	859	$94	$1,405	69%
QEV1860		48,000	48.8	5.2	1,866	$203	$3,050	66%
QEH1860		48,000	48.8	5.2	1,866	$203	$3,050	66%
QED1860		48,000	48.8	5.2	1,866	$203	$3,050	66%

ClimateMaster Tranquility TEP Series with iGate Controls

Features:

- ClimateMaster® Tranquility® 27 Digital Split Geothermal Heat Pump - 26 EER, 4.6 COP
- Game Changing - First in geothermal industry with iGate® Digital Communicating Controls AND vFlow™ Internal Variable water flow control.
- Two-stage capacity and water flow (Variable air flow airhandler TAH).
- Integrated Hot Water Generator to pre-heat domestic hot water.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
TEP026A	Closed Loop	26,300	22.7	4.4	1,646	$179	$2,691	45%
TEP038A		38,800	28.8	4.3	2,471	$269	$4,040	44%
TEP049A		49,200	20.5	4.1	3,367	$367	$5,505	40%
TEP064A		59,200	24.7	4.0	3,680	$401	$6,016	46%
TEP026A	Open Loop	28,900	29.2	5.2	1,457	$159	$2,382	56%
TEP038A		42,100	27.6	5.0	2,229	$243	$3,645	54%
TEP049A		52,900	26.8	4.9	2,873	$313	$4,698	53%
TEP064A		63,200	24.7	4.5	3,730	$407	$6,099	48%

ClimateMaster Tranquility TES Series with iGate Controls

Features:

- ClimateMaster® Tranquility® 27 Digital Split Geothermal Heat Pump - 26 EER, 4.6 COP
- Game Changing - First in geothermal industry with iGate® Digital Communicating Controls AND vFlow™ Internal Variable water flow control.
- Two-stage capacity and water flow (Variable air flow airhandler TAH).
- Integrated Hot Water Generator to pre-heat domestic hot water.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
TES026A	Closed Loop	26,300	22.7	4.4	1,646	$179	$2,691	45%
TES038A		38,800	28.8	4.3	2,471	$269	$4,040	44%
TES049A		49,200	20.5	4.1	3,367	$367	$5,505	40%
TES064A		59,200	24.7	4.0	3,680	$401	$6,016	46%
TES026A	Open Loop	28,900	29.2	5.2	1,457	$159	$2,382	56%
TES038A		42,100	27.6	5.0	2,229	$243	$3,645	54%
TES049A		52,900	26.8	4.9	2,873	$313	$4,698	53%
TES064A		63,200	24.7	4.5	3,730	$407	$6,099	48%

EarthLinked Prime Series PSC with EDM Controller

Features:

EarthLinked's Prime Series PSC models feature a two-stage compressor, modern cabinet design, an ultra-quiet operation, Programmable Logic Controller, as well as the EarthLinked Diagnostics and Monitoring system for added reliability. The PSC provides forced air heat/cool with the perfect balance of power and efficiency for optimal comfort all year.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
PSC-030-1C	Direct Geothermal Exchange	30,000	24.7	4.5	1,771	193	2,895	48%

GeoSmart ECO Y with Premier Control

Features:

The ECO Y is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Premier controls work in conjunction with the dual capacity compressor and 5-speed ECM blower motor to provide comfort and savings at a great price point.

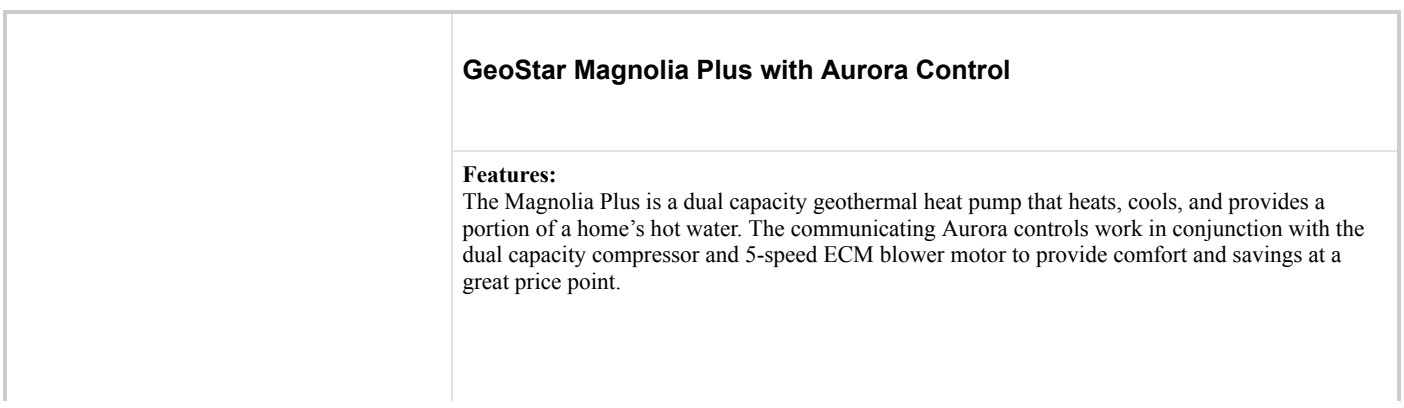
Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
YT024*A	Closed Loop	23,100	18.1	3.9	1,730	189	2,829	35%
YT036*A		35,100	18.5	3.8	2,620	286	4,284	35%
YT048*A		49,000	19	3.9	3,581	390	5,855	36%
YT060*A		59,900	19.4	3.6	4,441	484	7,261	35%
YT072*A		67,000	19.1	3.6	5,034	549	8,231	34%
YT024*A	Open Loop	25,100	22.5	4.4	1,572	171	2,570	45%
YT036*A		38,000	22.6	4.3	2,396	261	3,917	45%
YT048*A		52,300	24.5	4.4	3,128	341	5,114	48%
YT060*A		64,100	23.4	4.1	4,056	442	6,632	45%
YT072*A		71,800	23	4.1	4,588	500	7,502	44%

GeoStar Aston Series with Aurora Control

Features:
The Aston is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the dual capacity compressor and variable speed blower motor to provide upscale comfort and amazing savings on utility bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
101H026**1*1	Closed Loop	26,400	22.8	4.2	1,680	$183	$2,747	44%
101H026**1*4								
102H026**1*1								
102H026**1*4								
101H038**1*1		38,200	23.8	4.5	2,304	$251	$3,767	47%
101H038**1*4								
102H038**1*1								

102H038**1*4								
101H049**1*1		50,800	23.3	4.2	3,193	$348	$5,221	45%
101H049**1*4								
102H049**1*1								
102H049**1*4								
101H064**1*1		65,500	22.9	4	4,246	$463	$6,942	43%
101H064**1*4								
102H064**1*1								
102H064**1*4								
101H072**1*1		73,800	21.5	3.8	5,070	$553	$8,289	40%
101H072**1*4								
102H072**1*1								
102H072**1*4								
101H026**1*1	Open Loop	27,700	26.8	4.8	1,518	$165	$2,482	52%
101H026**1*4								
102H026**1*1								
102H026**1*4								
101H038**1*1		40,000	28.2	5	2,092	$228	$3,421	54%
101H038**1*4								
102H038**1*1								
102H038**1*4								
101H049**1*1		54,100	28.7	4.6	2,908	$317	$4,754	53%
101H049**1*4								
102H049**1*1								
102H049**1*4								
101H064**1*1		69,000	27.3	4.7	3,776	$412	$6,174	52%
101H064**1*4								
102H064**1*1								
102H064**1*4								
101H072**1*1		79,000	24.8	4.3	4,744	$517	$7,757	48%
101H072**1*4								
102H072**1*1								
102H072**1*4								



Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
121A024	Closed Loop	23,100	18.1	3.9	1,730	189	2,829	35%
122A024								
121A036		35,100	18.5	3.8	2,620	286	4,284	35%
122A036								
121A048		49,000	19	3.9	3,581	390	5,855	36%
122A048								
121A060		59,900	19.4	3.6	4,441	484	7,261	35%
122A060								
121A072		67,000	19.1	3.6	5,034	549	8,231	34%
122A072								
121A024	Open Loop	25,100	22.5	4.4	1,572	171	2,570	45%
122A024								
121A036		38,000	22.6	4.3	2,396	261	3,917	45%
122A036								
121A048		52,300	24.5	4.4	3,128	341	5,114	48%
122A048								
121A060		64,100	23.4	4.1	4,056	442	6,632	45%
122A060								
121A072		71,800	23	4.1	4,588	500	7,502	44%
122A072								

GeoStar Sycamore Series with Aurora Control

Features:
The Sycamore is a variable capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the variable capacity compressor, variable speed blower motor, and variable speed loop pump to provide the utmost in comfort and savings.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
141A036**1*1	Closed Loop	36,000	29.5	4.4	1,946	$212	$3,182	53%
142A036**1*1								
141A048**1*1		46,000	31.4	4.5	2,381	$260	$3,894	55%
142A048**1*1								
141A060**1*1		56,000	27.7	4.3	3,164	$345	$5,174	51%
142A060**1*1								
141A036**1*1	Open Loop	38,000	39.4	5.3	1,617	$176	$2,644	63%
142A036**1*1								
141A048**1*1		49,000	42.5	5.1	2,050	$223	$3,352	63%
142A048**1*1								
141A060**1*1		60,000	37.2	5.2	2,654	$289	$4,339	61%
142A060**1*1								

Hydro-Temp VStar VV(V,H,C,R,S) Series with ProtoStar Advanced Control

Features:

- Variable speed technology gives you the highest efficiencies in the industry of up to 49.1 EER.
- Patented Hot Water Recovery/Generation System for 100% DHW and/or 100% Radiant Applications.
- Built-in Zoning System
- State-of-the-Art Built-in Diagnostics
- Variable Capacity Compressor and Variable-Speed Fan provide a whole new level of comfort control!
- Optional Ultraviolet Sanitizer

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
VV(V,S,C,H,R)10030***1*C***	Closed Loop	31,600	34.3	4	1,663	$181	$2,720	54%
VV(V,S,C,H,R)10048***1*C***		49,000	30.8	4	2,716	$296	$4,440	52%
VV(V,S,C,H,R)10072**1*C***		63,400	29.5	3.9	3,636	$396	$5,944	50%

Modine GFX Series with Modine Control System

Features:
These water-to-air systems offer high-efficiency, eco-friendly forced-air heating and cooling solutions. They are available in 1.5 to 6 tons in both vertical and horizontal configurations to fit in any virtually any space. They now feature the reliable and proven Modine Controls System that is designed and engineered around the products, ensuring maximized performance.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GFx024*	Closed Loop	24,500	19.2	3.9	1,779	$194	$2,909	37%
GFx036*		36,800	19	3.9	2,689	$293	$4,397	36%
GFx048*		47,200	20.4	4.1	3,240	$353	$5,297	40%
GFx060*		59,500	19.9	3.8	4,274	$466	$6,989	37%
GFx066*		65,900	17.5	3.8	5,116	$558	$8,364	32%
GFx024*	Open Loop	25,000	23.3	4.4	1,541	$168	$2,519	46%
GFx036*		39,500	23.2	4.4	2,441	$266	$3,991	46%
GFx048*		49,900	24.7	4.7	2,892	$315	$4,729	49%
GFx060*		62,300	24.8	4.5	3,669	$400	$5,998	49%
GFx066*		70,900	21.3	4.3	4,652	$507	$7,607	43%

Modine GHR Series with Modine Control System

Features:
These water-to-water systems offer high-efficiency, eco-friendly hydronic heating and cooling solutions. They are available in 2 to 12 ton capacities. They now feature the reliable and proven Modine Controls System that is designed and engineered around the products, ensuring maximized performance.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GHR060*	Closed Loop	58,100	16.1	3.1	5,141	$560	$8,406	23%
GHR120*		116,200	16.1	3.1	10,283	$1,121	$16,812	23%
GHR036*	Open Loop	38,500	20.1	3.6	2,813	$307	$4,599	36%
GHR048*		54,200	20.1	3.6	3,960	$432	$6,475	36%
GHR060*		62,200	21.0	3.8	4,331	$472	$7,081	39%
GHR096*		108,400	20.1	3.6	7,920	$863	$12,949	36%
GHR120*		124,400	21.0	3.8	8,662	$944	$14,162	39%

Modine GHW Series with Modine Control System

Features:
These water-to-water systems offer high-efficiency, eco-friendly hydronic heating solutions. They are available in 2 to 12 ton capacities. They now feature the reliable and proven Modine Controls System that is designed and engineered around the products, ensuring maximized performance.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GHW060*	Closed Loop	58,100	N/A	3.1	2,110	$230	$3,450	27%
GHW120*		116,200	N/A	3.1	4,221	$460	$6,901	27%
GHW036*	Open Loop	38,500	N/A	3.6	1,204	$131	$1,969	37%
GHW048*		54,200	N/A	3.6	1,695	$185	$2,772	37%
GHW060*		62,200	N/A	3.8	1,843	$201	$3,013	41%
GHW096*		108,400	N/A	3.6	3,487	$380	$5,702	36%
GHW120*		124,400	N/A	3.8	3,891	$424	$6,362	37%

Modine GPX Series with Modine Control System

Features:
Modine GeoSync™ water-to-air systems offer high-efficiency, eco-friendly forced-air heating and cooling solutions. These units feature an industry exclusive Modine CF™ Microchannel Air Coil that offers industry leading two-stage heating efficiencies. They are available in 2 to 6 tons in vertical configurations to fit in any virtually any space. They feature the reliable and proven Modine Controls System that is designed and engineered around the products, ensuring maximized performance.

Outdoor Model Number	Indoor Model Number	Capacity	Energy Use:		Annual Energy Use (kWh)	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Savings over Federal Minimum
			EER	COP				
GPx024*	Closed Loop	27,600	22.9	4.5	1,713	187	2,801	46%
GPx036*		35,500	23.9	4.7	2,101	229	3,435	48%
GPx048*		50,700	25.9	4.8	2,846	310	4,653	51%
GPx060*		61,400	22.2	4.2	3,974	433	6,498	43%
GPx072*		71,500	20.8	3.9	4,978	543	8,140	39%
GPx024*	Open Loop	28,500	29.0	5.2	1,449	158	2,368	56%
GPx036*		37,200	29.8	5.7	1,790	195	2,926	58%
GPx048*		53,500	31.6	5.6	2,498	272	4,084	59%
GPx060*		67,000	27.3	4.9	3,605	393	5,894	53%

GPx072*		76,000	26.0	4.5	4,378	477	7,158	50%

Modine GSI Series with Modine Control System

Features:
These water-to-air split systems offer high-efficiency, eco-friendly forced-air heating and cooling solutions. They are available in 2 to 6 tons in both vertical and horizontal configurations to fit in any virtually any space. They now feature the reliable and proven Modine Controls System that is designed and engineered around the products, ensuring maximized performance.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
GSI024D*	Closed Loop	25,800	23.1	4.15	1,638	$179	$2,678	45%
GSI036D*		38,200	21.35	4.1	2,552	$278	$4,172	42%
GSI048D*		50,400	22.25	4.1	3,287	$358	$5,374	43%
GSI060D*		61,600	21.95	4	4,091	$446	$6,689	42%
GSI072D*		68,900	19.25	3.6	5,161	$563	$8,439	35%
GSI024D*	Open Loop	27,700	28.8	4.75	1,464	$160	$2,394	54%
GSI036D*		41,900	27.6	4.75	2,268	$247	$3,709	53%
GSI048D*		54,700	28.3	4.7	2,934	$320	$4,797	53%
GSI060D*		67,300	26.85	4.6	3,753	$409	$6,136	51%
GSI072D*		73,600	23.75	4.1	4,624	$504	$7,560	45%

Trane T2GC Series with Premier Control

Features:
The T2GC is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Premier controls work in conjunction with the dual capacity compressor and 5-speed ECM blower motor to provide comfort and savings at a great price point.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
T2GC024*A	Closed Loop	23,100	18.1	3.9	1,730	189	2,829	35%
T2GC036*A		35,100	18.5	3.8	2,620	286	4,284	35%
T2GC048*A		49,000	19	3.9	3,581	390	5,855	36%
T2GC060*A		59,900	19.4	3.6	4,441	484	7,261	35%

T2GC072*A		67,000	19.1	3.6	5,034	549	8,231	34%
T2GC024*A	Open Loop	25,100	22.5	4.4	1,572	171	2,570	45%
T2GC036*A		38,000	22.6	4.3	2,396	261	3,917	45%
T2GC048*A		52,300	24.5	4.4	3,128	341	5,114	48%
T2GC060*A		64,100	23.4	4.1	4,056	442	6,632	45%
T2GC072*A		71,800	23	4.1	4,588	500	7,502	44%

Trane T2GX Series with Aurora Control

Features:
These Trane models are dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Premier controls work in conjunction with the dual capacity compressor and variable speed blower motor to provide upscale comfort and amazing savings on utility bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
T2GX026***1**1H	Closed Loop	26,400	22.8	4.2	1,680	$183	$2,747	44%
T2GX026***1**4H								
T2GX038***1**1H		38,200	23.8	4.5	2,353	$256	$3,847	49%
T2GX038***1**4H								
T2GX049***1**1H		50,800	23.3	4.2	2,304	$251	$3,767	47%
T2GX049***1**4H								
T2GX064***1**1H		65,500	22.9	4	4,197	$457	$6,862	44%
T2GX064***1**4H								
T2GX072***1**1H		73,800	21.5	3.8	3,193	$348	$5,221	45%
T2GX072***1**4H								
T2GX026***1**1H	Open Loop	27,700	26.8	4.8	1,501	$164	$2,454	55%
T2GX026***1**4H								
T2GX038***1**1H		40,000	28.2	5	4,246	$463	$6,942	43%
T2GX038***1**4H								
T2GX049***1**1H		54,100	28.7	4.6	3,020	$329	$4,938	53%
T2GX049***1**4H								
T2GX064***1**1H		69,000	27.3	4.7	5,070	$553	$8,289	40%
T2GX064***1**4H								
T2GX072***1**1H		79,000	24.8	4.3	4,747	$517	$7,761	47%
T2GX072***1**4H								

Trane T2GY Series with Premier Control

Features:
These Trane models provide forced air heating and cooling to your home while also providing radiant floor heat and domestic hot water assistance. It's the geothermal equivalent of a boiler, furnace, and air conditioner, all in a single unit to provide significant savings on heating, cooling, and hot water bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
T2GY038***1**1	Closed Loop	36,900	23.0	4.1	2,361	$257	$3,860	44%
T2GY049***1**1		46,700	21.5	4.0	3,156	$344	$5,159	41%
T2GY064***1**1		59,800	20.9	3.7	4,223	$460	$6,905	38%
T2GY072***1**1		66,900	19.2	3.6	5,027	$548	$8,219	34%
T2GY038***1**1	Open Loop	40,200	28.6	4.6	2,167	$236	$3,542	53%
T2GY049***1**1		50,600	26.6	4.5	2,878	$314	$4,706	50%
T2GY064***1**1		64,300	25.5	4.5	3,731	$407	$6,100	49%
T2GY072***1**1		72,400	23.4	4.1	4,593	$501	$7,509	45%

Trane TVG Series with Aurora Control

Features:
These Trane models are variable capacity geothermal heat pumps that heat, cool, and provide a portion of a home's hot water. The communicating Aurora controls work in conjunction with the variable capacity compressor, variable speed blower motor, and variable speed loop pump to provide the utmost in comfort and savings.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
TVGX036**1**1	Closed Loop	36,000	29.5	4.4	1,946	$212	$3,182	53%
TVGX048**1**1		46,000	31.4	4.5	2,381	$260	$3,894	55%
TVGX060**1**1		56,000	27.7	4.3	3,164	$345	$5,174	51%
TVGX036**1**1	Open Loop	38,000	39.4	5.3	1,617	$176	$2,644	63%
TVGX048**1**1		49,000	42.5	5.1	2,050	$223	$3,352	63%
TVGX060**1**1		60,000	37.2	5.2	2,654	$289	$4,339	61%

Waterfurnace 3 Series with Aurora Control

Features:
The 300A11 is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the dual capacity compressor and 5-speed ECM blower motor to provide comfort and savings at a great price point.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
LDV024A	Closed Loop	23,100	18.1	3.9	1,730	189	2,829	35%
LDH024A								
LDV036A		35,100	18.5	3.8	2,620	286	4,284	35%
LDH036A								
LDV048A		49,000	19	3.9	3,581	390	5,855	36%
LDH048A								
LDV060A		59,900	19.4	3.6	4,441	484	7,261	35%
LDH060A								
LDV072A		67,000	19.1	3.6	5,034	549	8,231	34%
LDH072A								
LDV024A	Open Loop	25,100	22.5	4.4	1,572	171	2,570	45%
LDH024A								
LDV036A		38,000	22.6	4.3	2,396	261	3,917	45%
LDH036A								
LDV048A		52,300	24.5	4.4	3,128	341	5,114	48%
LDH048A								
LDV060A		64,100	23.4	4.1	4,056	442	6,632	45%
LDH060A								
LDV072A		71,800	23	4.1	4,588	500	7,502	44%
LDH072A								

WaterFurnace 5 Series with Aurora Control

Features:
The 5 Series is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the dual capacity compressor and variable speed blower motor to provide upscale comfort and amazing savings on utility bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
NDH026H1*1	Closed Loop	26,400	22.8	4.2	1,680	$183	$2,747	44%
NDH026H1*4								
NDV026H1*1								
NDV026H1*4								
NDH038H1*1		38,200	23.8	4.5	2,304	$251	$3,767	47%
NDH038H1*4								
NDV038H1*1								
NDV038H1*4								
NDH049H1*1		50,800	23.3	4.2	3,193	$348	$5,221	45%
NDH049H1*4								
NDV049H1*1								
NDV049H1*4								
NDH064H1*1		65,500	22.9	4	4,246	$463	$6,942	43%
NDH064H1*4								
NDV064H1*1								
NDV064H1*4								
NDH072H1*1		73,800	21.5	3.8	5,070	$553	$8,289	40%
NDH072H1*4								
NDV072H1*1								
NDV072H1*4								
NDH026H1*1	Open Loop	27,700	26.8	4.8	1,518	$165	$2,482	52%
NDH026H1*4								
NDV026H1*1								
NDV026H1*4								
NDH038H1*1		40,000	28.2	5	2,092	$228	$3,421	54%
NDH038H1*4								
NDV038H1*1								
NDV038H1*4								

NDH049H1*1		54,100	28.7	4.6	2,908	$317	$4,754	53%
NDH049H1*4								
NDV049H1*1								
NDV049H1*4								
NDH064H1*1		69,000	27.3	4.7	3,776	$412	$6,174	52%
NDH064H1*4								
NDV064H1*1								
NDV064H1*4								
NDH072H1*1		79,000	24.8	4.3	4,744	$517	$7,757	48%
NDH072H1*4								
NDV072H1*1								
NDV072H1*4								

WaterFurnace 7 Series 700A11 with Aurora Control

Features:
The 7 Series is a variable capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the variable capacity compressor, variable speed blower motor, and variable speed loop pump to provide the utmost in comfort and savings.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
NVV036A1*1	Closed Loop	36,000	29.5	4.4	1,946	$212	$3,182	53%
NVH036A1*1								
NVV048A1*1		46,000	31.4	4.5	2,381	$260	$3,894	55%
NVH048A1*1								
NVV060A1*1		56,000	27.7	4.3	3,164	$345	$5,174	51%
NVH060A1*1								
NVV036A1*1	Open Loop	38,000	39.4	5.3	1,617	$176	$2,644	63%
NVH036A1*1								
NVV048A1*1		49,000	42.5	5.1	2,050	$223	$3,352	63%
NVH048A1*1								
NVV060A1*1		60,000	37.2	5.2	2,654	$289	$4,339	61%
NVH060A1*1								

WaterFurnace Synergy 3D Series

Features:
The Synergy3D provides forced air heating and cooling to your home while also providing radiant floor heat and domestic hot water assistance. It's the geothermal equivalent of a boiler, furnace, and air conditioner, all in a single unit to provide significant savings on heating, cooling, and hot water bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
SDV038*1*1	Closed Loop	36,900	23.0	4.1	2,361	$257	$3,860	44%
SDV049*1*1		46,700	21.5	4.0	3,156	$344	$5,159	41%
SDV064*1*1		59,800	20.9	3.7	4,223	$460	$6,905	38%
SDV072*1*1		66,900	19.2	3.6	5,027	$548	$8,219	34%
SDV038*1*1	Open Loop	40,200	28.6	4.6	2,167	$236	$3,542	53%
SDV049*1*1		50,600	26.6	4.5	2,878	$314	$4,706	50%
SDV064*1*1		64,300	25.5	4.5	3,731	$407	$6,100	49%
SDV072*1*1		72,400	23.4	4.1	4,593	$501	$7,509	45%

WaterFurnace Series 502W12 with Aurora Control

Features:
- Highest AHRI, GLHP efficiencies in the industry.
- Aurora Communicating digital controls with AID tool for real time data display, easy configuration and troubleshooting.
- Color Touch Screen Communicating thermostats provide user access to fault, status and energy use information.
- Optional variable speed flow centers and IntelliZone2 color communicating zone system.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
NHW084	Closed Loop	79,100	17.5	3.3	6,495	$708	$10,620	28%
NHW084	Open Loop	84,300	20.6	3.9	5,871	$640	$9,599	30%

York Affinity YAFV Series with Aurora Control

Features:
These York models are variable capacity geothermal heat pumps that heat, cool, and provide a portion of a home's hot water. The communicating Aurora controls work in conjunction with the

variable capacity compressor, variable speed blower motor, and variable speed loop pump to provide the utmost in comfort and savings.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
YAFV036**1*1		36,000	29.5	4.4	1,946	$212	$3,182	53%
YAFV048**1*1	**Closed Loop**	46,000	31.4	4.5	2,381	$260	$3,894	55%
YAFV060**1*1		56,000	27.7	4.3	3,164	$345	$5,174	51%
YAFV036**1*1		38,000	39.4	5.3	1,617	$176	$2,644	63%
YAFV048**1*1	**Open Loop**	49,000	42.5	5.1	2,050	$223	$3,352	63%
YAFV060**1*1		60,000	37.2	5.2	2,654	$289	$4,339	61%

York Affinity YACT Series

Features:
These York models provide forced air heating and cooling to your home while also providing radiant floor heat and domestic hot water assistance. It's the geothermal equivalent of a boiler, furnace, and air conditioner, all in a single unit to provide significant savings on heating, cooling, and hot water bills.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
YACT038**1*1		36,900	23	4.1	2,361	$257	$3,860	44%
YACT049**1*1	**Closed Loop**	46,700	21.5	3.95	3,156	$344	$5,159	41%
YACT064**1*1		59,800	20.9	3.7	4,223	$460	$6,905	38%
YACT072**1*1		66,900	19.15	3.6	5,027	$548	$8,219	34%
YACT038**1*1		40,200	28.55	4.6	2,167	$236	$3,542	53%
YACT049**1*1	**Open Loop**	50,600	26.6	4.45	2,878	$314	$4,706	50%
YACT064**1*1		64,300	25.45	4.5	3,731	$407	$6,100	49%
YACT072**1*1		72,400	23.35	4.1	4,593	$501	$7,509	45%

York LX Series with Aurora Control

Features:
The LX Series is a dual capacity geothermal heat pump that heats, cools, and provides a portion of a home's hot water. The communicating Aurora controls work in conjunction with the dual capacity compressor and 5-speed ECM blower motor to provide comfort and savings at a great price point.

Model Number	Configuration	Capacity	Energy Use:		Annual Energy Use	Annual Cost (National Average)*	Lifetime Cost to Operate**	% Saving over Federal Minimum
			EER	COP				
YAFT026**1*1****H	Closed Loop	26,400	22.8	4.2	1,680	$183	$2,747	44%
YAFT026**1*4****H								
YAFT038**1*1****H		38,200	23.8	4.5	2,353	$256	$3,847	49%
YAFT038**1*4****H								
YAFT049**1*1****H		50,800	23.3	4.2	2,304	$251	$3,767	47%
YAFT049**1*4****H								
YAFT064**1*1****H		65,500	22.9	4	4,197	$457	$6,862	44%
YAFT064**1*4****H								
YAFT072**1*1****H		73,800	21.5	3.8	3,193	$348	$5,221	45%
YAFT072**1*4****H								
YAFT026**1*1****H	Open Loop	27,700	26.8	4.8	1,501	$164	$2,454	55%
YAFT026**1*4****H								
YAFT038**1*1****H		40,000	28.2	5	4,246	$463	$6,942	43%
YAFT038**1*4****H								
YAFT049**1*1****H		54,100	28.7	4.6	3,020	$329	$4,938	53%
YAFT049**1*4****H								
YAFT064**1*1****H		69,000	27.3	4.7	5,070	$553	$8,289	40%
YAFT064**1*4****H								
YAFT072**1*1****H		79,000	24.8	4.3	4,747	$517	$7,761	47%
YAFT072**1*4****H								

* Estimated using an average price of electricity of 10.9 cents per kilowatt hour.
** Geothermal Heat Pump lifetime is estimated at 15 years.