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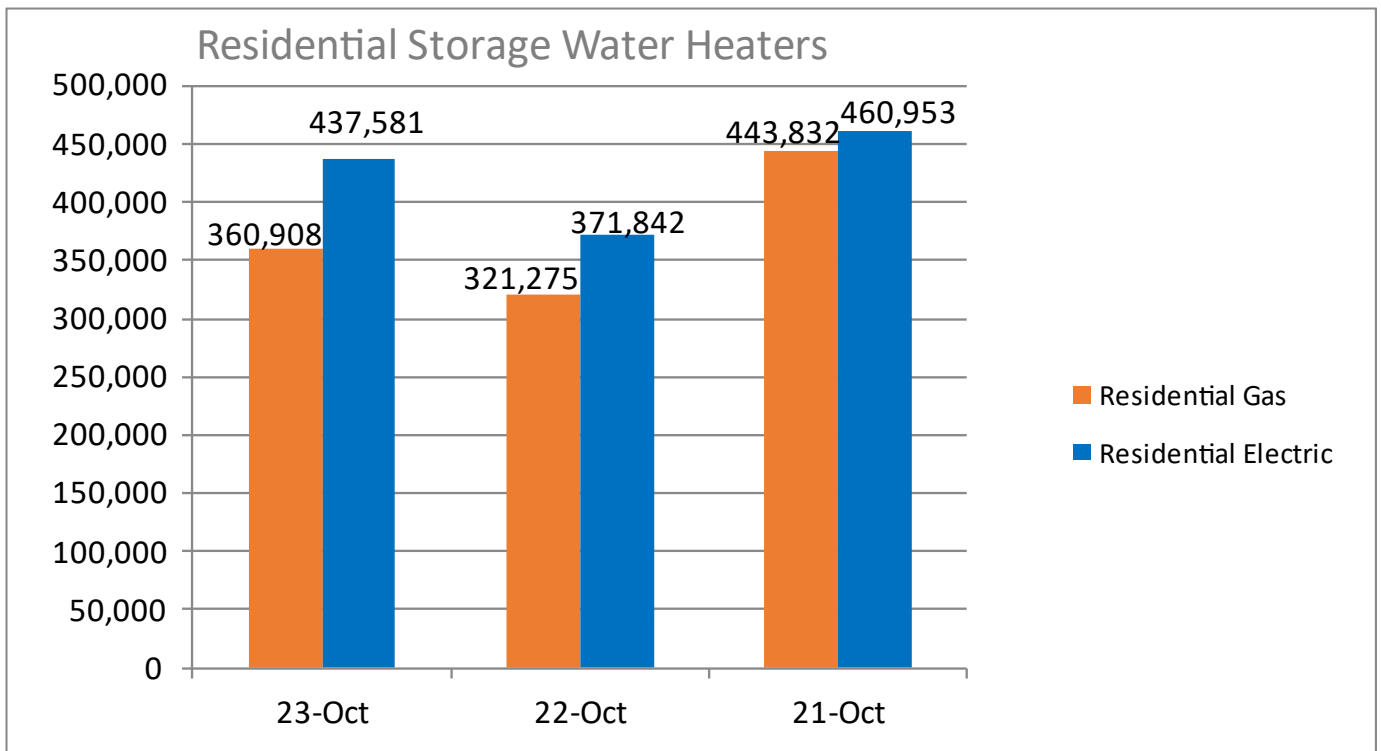
December 8, 2023  
**Contact:** [Adanna Le Gendre](#)  
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*Public data is available in Excel format [here](#).  
 Please see our FAQs [here](#).*

### AHRI Releases October 2023 U.S. Heating and Cooling Equipment Shipment Data

#### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for October 2023 increased 12.3 percent, to 360,908 units, up from 321,275 units shipped in October 2022. Residential electric storage water heater shipments increased 17.7 percent in October 2023 to 437,581 units, up from 371,842 units shipped in October 2022.

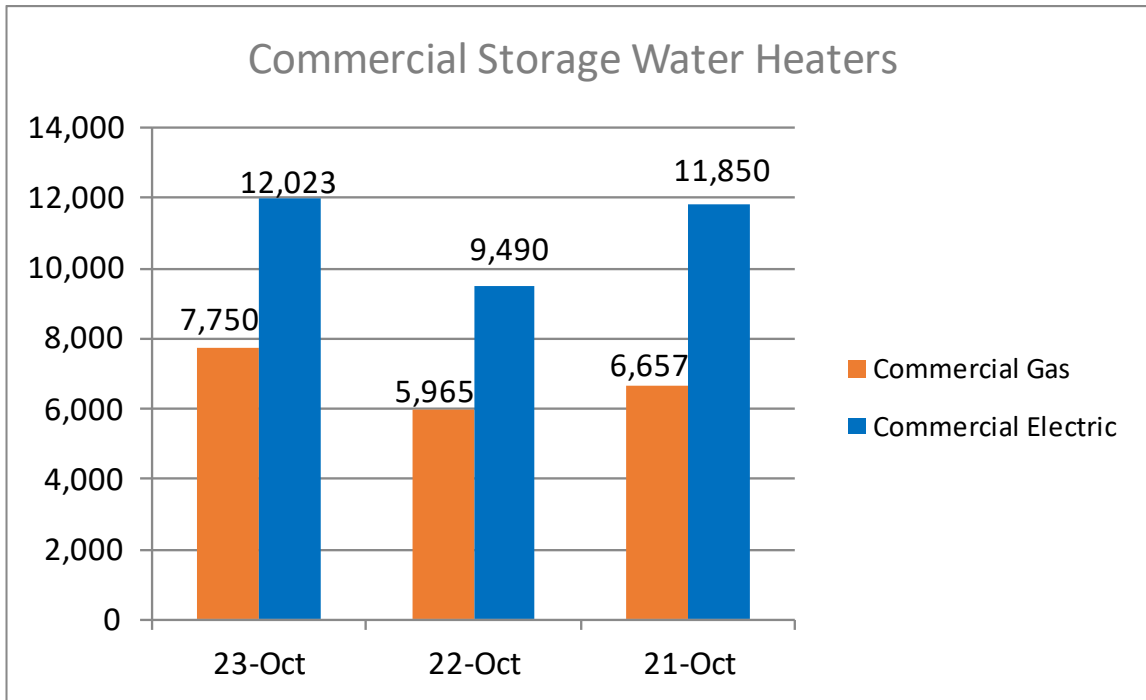


Year-to-date U.S. shipments of residential gas storage water heaters increased 4.5 percent, to 3,585,860, compared to 3,432,944 shipped during that same period in 2022. Residential electric storage water heater shipments increased 6.6 percent year-to-date, to 4,065,044 units, compared to 3,814,996 shipped during the same period in 2022.

Year-to-Date	Oct 23 YTD	Oct 22 YTD	% CHG. (From 2022-2023)	Oct 21 YTD
<b>Residential Storage Gas</b>	3,585,860	3,432,944	+4.5	4,130,982
<b>Residential Storage Electric</b>	4,065,044	3,814,996	+6.6	4,077,568

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 29.9 percent in October 2023, to 7,750 units, up from 5,965 units shipped in October 2022. Commercial electric storage water heater shipments increased 26.7 percent in October 2023, to 12,023, up from 9,490 units shipped in October 2022.

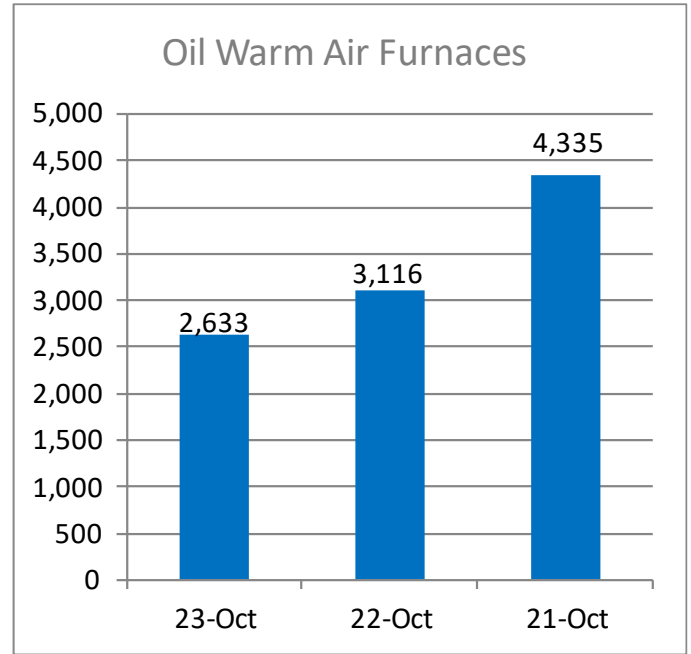
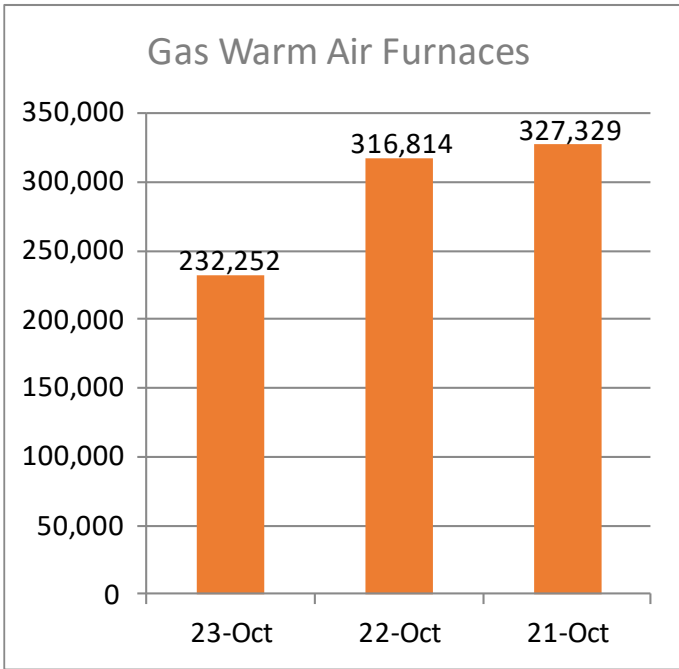


Year-to-date U.S. shipments of commercial gas storage water heaters increased 3.1 percent, to 73,140 units, compared with 70,913 units shipped during the same period in 2022. Year-to-date commercial electric storage water heater shipments increased 23.2 percent, to 122,423 units, up from 99,334 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Oct 23 YTD	Oct 22 YTD	% CHG. (From 2022-2023)	Oct 21 YTD
<b>Commercial Storage Gas</b>	73,140	70,913	+3.1	75,851
<b>Commercial Storage Electric</b>	122,423	99,334	+23.2	128,225

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for October 2023 decreased 26.7 percent, to 232,252 units, down from 316,814 units shipped in October 2022. Oil warm air furnace shipments decreased 15.5 percent, to 2,633 units in October 2023, down from 3,116 units shipped in October 2022.

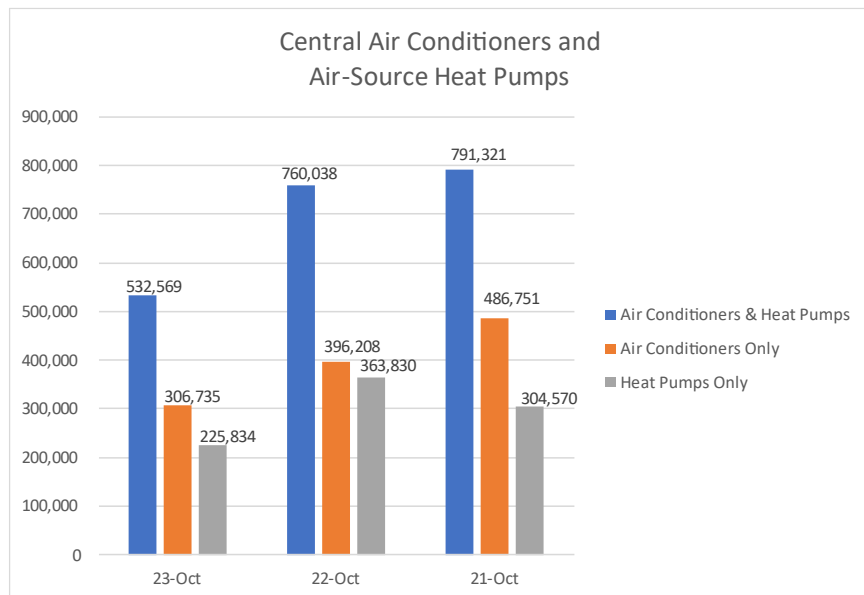


Year-to-date U.S. shipments of gas warm air furnaces decreased 24.2 percent, to 2,530,229 units, compared with 3,337,600 units shipped during the same period in 2022. Year-to-date U.S. shipments of oil warm air furnaces decreased 27.4 percent, to 17,173 units, compared with 23,668 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	<b>Oct 23 YTD</b>	<b>Oct 22 YTD</b>	<b>% CHG. (From 2022-2023)</b>	<b>Oct 21 YTD</b>
<b>Gas Warm Air Furnaces</b>	2,530,229	3,337,600	-24.2	3,360,248
<b>Oil Warm Air Furnaces</b>	17,173	23,668	-27.4	31,541

### Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 532,569 units in October 2023, down 29.9 percent from 760,038 units shipped in October 2022. U.S. shipments of air conditioners decreased 22.6 percent, to 306,735 units, down from 396,208 units shipped in October 2022. U.S. shipments of air-source heat pumps decreased 37.9 percent, to 225,834 units, down from 363,830 shipped in October 2022.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 14.4 percent, to 7,765,225 units, down from 9,074,709 units shipped during the same period in 2022. Year-to-date shipments of central air conditioners decreased 14.7 percent, to 4,551,330 units, down from 5,335,871 units shipped during the same period in 2022. The year-to-date total for heat pump shipments decreased 14.0 percent, to 3,213,895, down from 3,738,838 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Oct 23 YTD	Oct 22 YTD	% CHG. (From 2022-2023)	Oct 21 YTD
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	7,765,225	9,074,709	-14.4	8,903,175
<b>Air Conditioners Only</b>	4,551,330	5,335,871	-14.7	5,546,135
<b>Heat Pumps Only</b>	3,213,895	3,738,838	-14.0	3,357,040

### U.S. Manufacturers' Shipments of Central Air Conditioners and Air-Source Heat Pumps

Size Description (000) BTUH	Month		
	2023 Total	% Change from 2022	2021 Total
Under 16.5	21,429	-36.6	36,888
16.5-21.9	63,574	-37.1	67,766
22-26.9	95,092	-36.6	143,399
27-32.9	71,246	-29.8	116,979
33-38.9	105,687	-31.0	171,849
39-43.9	38,651	-29.6	60,541
44-53.9	58,015	-28.1	92,414
54-64.9	52,389	-14.7	78,258
65-96.9	9,079	+11.1	7,887
97-134.9	7,670	+26.3	6,975
135-184.9	4,726	+9.3	3,804
185-249.9	1,975	-3.3	1,857
250-319.9	1,722	+10.6	1,559
320-379.9	345	+6.5	321
380-539.9	334	-5.1	339
540-639.9	279	+3.3	189
640-799.9	135	+51.7	109
800.0-899.9	40	+29.0	40
900.0-999.9	40	-35.5	52
1,000.0-1,199.9	29	-12.1	43
1,200.0 & Over	112	+47.4	52
<b>TOTAL</b>	<b>532,569</b>	<b>-29.9</b>	<b>791,321</b>

Size Description (000) BTUH	YTD		
	2023 Total	% Change from 2022	2021 Total
Under 16.5	290,406	-23.4	403,210
16.5-21.9	928,930	+1.3	792,168
22-26.9	1,514,698	-16.3	1,776,551
27-32.9	1,162,200	-16.4	1,413,700
33-38.9	1,531,896	-20.3	1,917,685
39-43.9	536,234	-20.0	667,128
44-53.9	858,264	-13.0	959,643
54-64.9	694,424	-9.3	732,248
65-96.9	91,573	+9.6	85,560
97-134.9	71,291	+7.6	67,102
135-184.9	43,279	+7.2	42,326
185-249.9	17,286	-7.6	18,199
250-319.9	12,994	-10.1	15,537
320-379.9	3,014	+6.1	3,326
380-539.9	3,046	-0.6	3,209
540-639.9	2,391	-6.9	2,163
640 & Over	1,042	+3.8	1,128
800.0-899.9	480	-9.6	453
900.0-999.9	574	-14.8	595
1,000.0-1,199.9	339	-4.0	358
1,200.0 & Over	864	+3.0	886
<b>TOTAL</b>	<b>7,765,225</b>	<b>-14.4</b>	<b>8,903,175</b>

#### Notes and FAQs

A shipment is defined as when a unit transfers ownership; a consignment is not a transfer of ownership. Industry data is aggregated from the information supplied by AHRI member companies that participate in the statistics program and can be subject to revision. Published year-to-date data is inclusive of all revisions. No other AHRI data (e.g., by state or region) is available to the public other than that published. AHRI does not conduct any market forecasting and is not qualified to discuss market trends. BTUHs of 64.9 and below are for residential units; 65.0 and above for commercial. For previous monthly shipment releases and historical data, please see <http://www.ahrinet.org/statistics>.

- How do my colleagues subscribe to the report?  
Go to <http://www.ahrinet.org/statistics> and click on Subscribe.
- Does this data represent shipments to the United States only or are shipments outside of the United States included?  
This data represents shipments to customers in the United States only.
- Do you provide U.S. data by state?  
That data is not available publicly.
- Is historical data available in Excel?  
It is available monthly reflecting exactly the data presented in the monthly public release.
- Is data available in a different format?  
The only format available is provided on the website.

6. Does the December YTD data equal full calendar year?

Yes, it does.

7. Can I purchase additional industry data from AHRI?

No, AHRI statistical data is not for sale.

8. Does AHRI provide information for academic research purposes?

AHRI is not authorized by our members to provide information other than what is listed on our website.

9. How much of the industry does the data represent?

Although we cannot get into specifics about how much of the industry the data represents, in general, AHRI is one of the largest trade associations in the nation, representing more than 300 heating, water heating, ventilation, air conditioning and commercial refrigeration manufacturers within the global HVACR industry. AHRI's 300+ member companies account for more than 90 percent of the residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment manufactured and sold in North America.

10. Is it accurate to use the number for year-to-date U.S. shipments as a measure of sales?

AHRI reports track shipments, which are defined as when a unit transfers ownership. While some people use the terms shipments and sales interchangeably, they may not be the same.

11. Where can I find the definitions for the products included in this report?

Download product definitions for monthly shipment reports [here](#).

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#### [About AHRI](#)

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) is the trade association representing manufacturers of air conditioning, heating, and commercial refrigeration, and water heating equipment. An internationally recognized advocate for the industry, AHRI develops standards for and certifies the performance of many of these products. AHRI's 300+ member companies manufacture quality, efficient, and innovative residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment and components for sale in North America and around the world.