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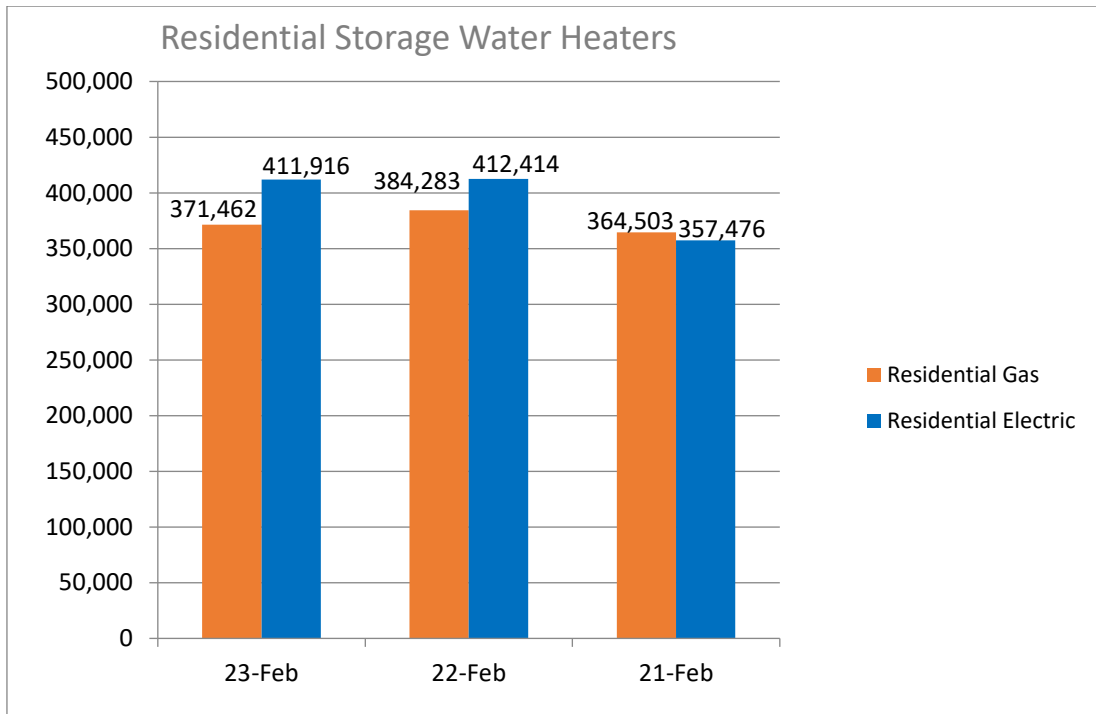
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for February 2023 decreased 3.3 percent, to 371,462 units, down from 384,283 units shipped in February 2022. Residential electric storage water heater shipments decreased 0.1 percent in February 2023 to 411,916 units, down from 412,414 units shipped in February 2022.

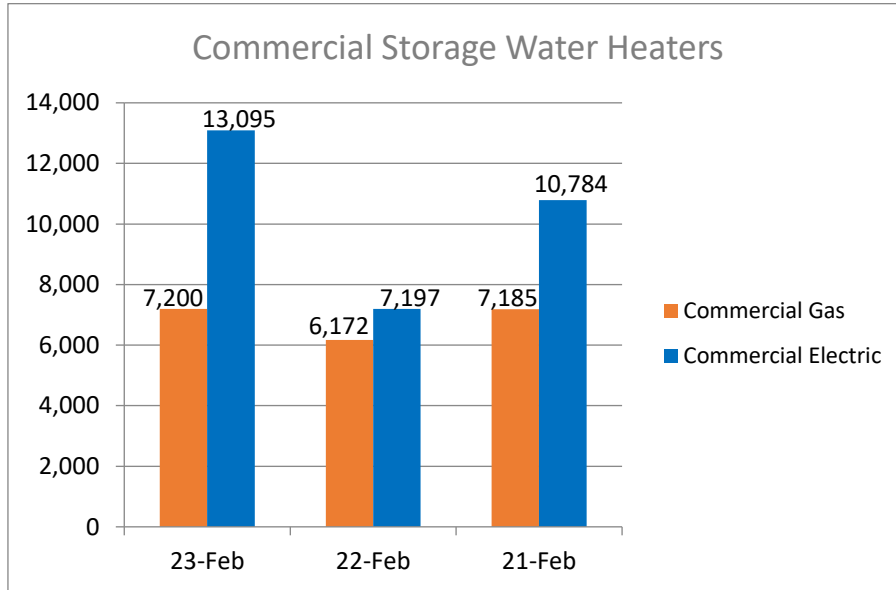


Year-to-date U.S. shipments of residential gas storage water heaters decreased 1.2 percent, to 730,380 compared to 739,293 shipped during that same period in 2022. Residential electric storage water heater shipments increased 2.0 percent year-to-date, to 819,229 units, compared to 803,417 shipped during the same period in 2022.

Year-to-Date	Feb 23 YTD	Feb 22 YTD	%CHG. (From 2022-2023)	Feb 21 YTD
Residential Storage Gas	730,380	739,293	-1.2	761,845
Residential Storage Electric	819,229	803,417	+2.0	753,116

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 16.7 percent in February 2023, to 7,200 units, up from 6,172 units shipped in February 2022. Commercial electric storage water heater shipments increased 82.0 percent in February 2023, to 13,095 units, up from 7,197 units shipped in February 2022.

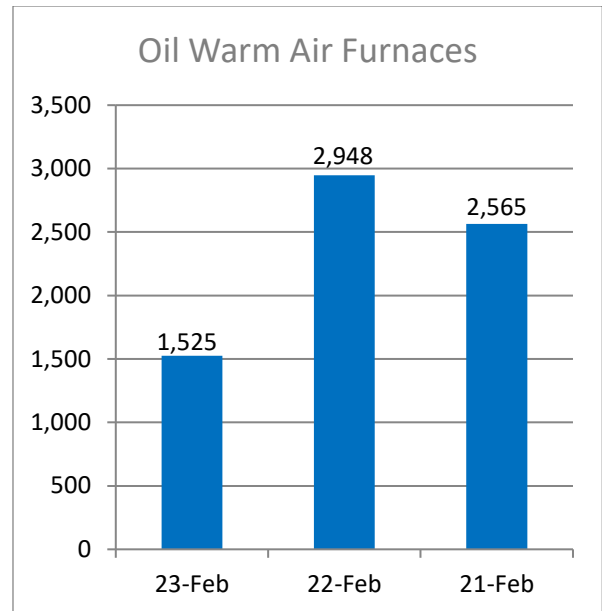
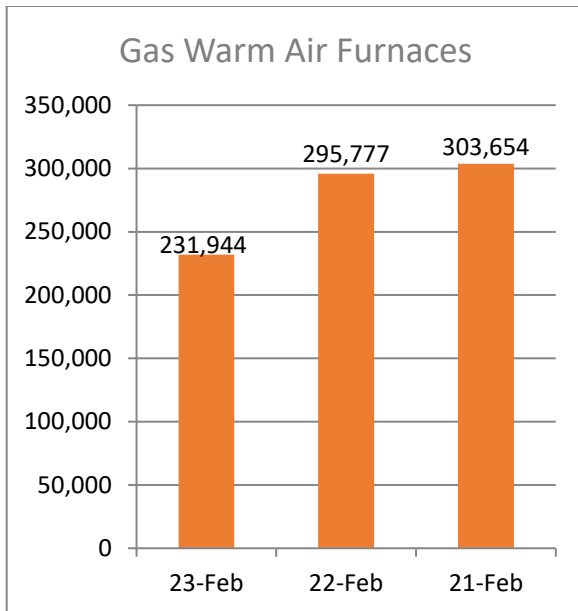


Year-to-date U.S. shipments of commercial gas storage water heaters increased 26.2 percent, to 14,447 units, compared with 11,445 units shipped during the same period in 2022. Year-to-date commercial electric storage water heater shipments increased 72.5 percent, to 23,791 units, up from 13,788 units shipped during the same period in 2022.

<i>Year-to-Date</i>	<b>Feb 23 YTD</b>	<b>Feb 22 YTD</b>	<b>%CHG. (From 2022-2023)</b>	<b>Feb 21 YTD</b>
<b>Commercial Storage Gas</b>	14,447	11,445	+26.2	13,827
<b>Commercial Storage Electric</b>	23,791	13,788	+72.5	22,521

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for February 2023 decreased 21.6 percent, to 231,944 units, down from 295,777 units shipped in February 2022. Oil warm air furnace shipments decreased 48.3 percent, to 1,525 units in February 2023, down from 2,948 units shipped in February 2022.

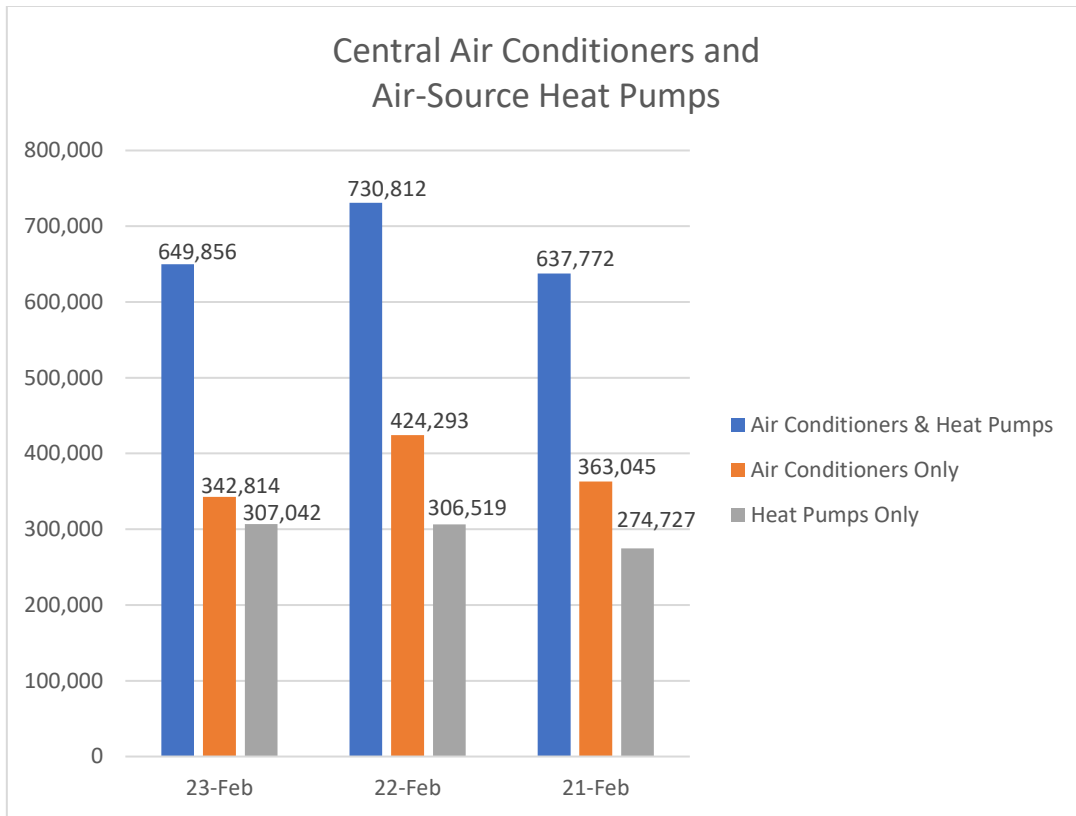


Year-to-date U.S. shipments of gas warm air furnaces decreased 19.0 percent, to 488,300 units, compared with 602,630 units shipped during the same period in 2022. Year-to-date U.S. shipments of oil warm air furnaces decreased 28.3 percent, to 4,113 units, compared with 5,739 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	<b>Feb 23 YTD</b>	<b>Feb 22 YTD</b>	<b>%CHG. (From 2022-2023)</b>	<b>Feb 21 YTD</b>
<b>Gas Warm Air Furnaces</b>	488,300	602,630	-19.0	658,751
<b>Oil Warm Air Furnaces</b>	4,113	5,739	-28.3	6,160

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

U.S. shipments of central air conditioners and air-source heat pumps totaled 649,856 units in February 2023, down 11.1 percent from 730,812 units shipped in February 2022. U.S. shipments of air conditioners decreased 19.2 percent, to 342,814 units, down from 424,293 units shipped in February 2022. U.S. shipments of air-source heat pumps increased 0.2 percent, to 307,042 units, up from 306,519 units shipped in February 2022.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 15.4 percent, to 1,259,012 units, down from 1,488,090 units shipped during the same period in 2022. Year-to-date shipments of central air conditioners decreased 21.7 percent, to 670,269 units, down from 856,128 units shipped during the same period in 2022. The year-to-date total for heat pump shipments decreased 6.8 percent, to 588,743, down from 631,962 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	<b>Feb 23 YTD</b>	<b>Feb 22 YTD</b>	<b>%CHG. (From 2022-2023)</b>	<b>Feb 21 YTD</b>
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	1,259,012	1,488,090	-15.4	1,323,698
<b>Air Conditioners Only</b>	670,269	856,128	-21.7	771,876
<b>Heat Pumps Only</b>	588,743	631,962	-6.8	551,822

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

Month			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	24,488	-30.8	33,514
16.5-21.9	82,212	+6.6	69,529
22-26.9	121,039	-11.5	129,119
27-32.9	105,258	-6.0	96,230
33-38.9	131,953	-13.0	130,082
39-43.9	42,506	-27.0	44,634
44-53.9	66,554	-16.0	68,386
54-64.9	58,285	-4.6	50,987
65-96.9	6,503	-0.2	5,584
97-134.9	4,993	-7.2	4,053
135-184.9	3,254	-3.5	2,505
185-249.9	1,046	-28.8	1,169
250-319.9	844	-46.2	1,025
320-379.9	174	-20.5	236
380-539.9	210	-22.2	234
540-639.9	228	-3.8	194
640-799.9	72	-10.0	116
800.0-899.9	63	+186.4	40
900.0-999.9	54	-19.4	58
1,000.0-1,199.9	41	0.0	27
1,200.0 & Over	79	-28.8	50
<b>TOTAL</b>	<b>649,856</b>	<b>-11.1</b>	<b>637,772</b>

YTD			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	47,636	-29.7	64,282
16.5-21.9	156,619	+4.6	138,972
22-26.9	246,651	-12.1	271,333
27-32.9	194,349	-16.0	200,829
33-38.9	252,192	-20.0	267,011
39-43.9	80,743	-28.7	96,697
44-53.9	130,923	-20.2	143,692
54-64.9	114,207	-9.4	106,785
65-96.9	13,384	-4.9	12,727
97-134.9	9,634	-12.8	9,251
135-184.9	6,726	-6.4	5,608
185-249.9	2,246	-28.0	2,439
250-319.9	1,812	-32.4	2,261
320-379.9	413	-5.3	462
380-539.9	485	-3.0	449
540-639.9	411	-4.9	350
640 & Over	150	-14.3	203
800.0-899.9	103	+2.0	63
900.0-999.9	105	-3.7	108
1,000.0-1,199.9	66	+29.4	46
1,200.0 & Over	157	-16.9	130
<b>TOTAL</b>	<b>1,259,012</b>	<b>-15.4</b>	<b>1,323,698</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>.

1. How do my colleagues subscribe to the report?

Go to <http://www.ahrinet.org/statistics> and click on Subscribe.

2. 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.

3. Do you provide U.S. data by state?

That data is not available publicly.

4. Is historical data available in Excel?

It is available monthly reflecting exactly the data presented in the monthly public release.

5. 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.

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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.