



we make life better®

2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA
 Phone 703 524 8800 | Fax 703 562 1942
 www.ahrinet.org

April 12, 2024

Contact: [Regan Spencer](#)

Phone: 703.600.0380

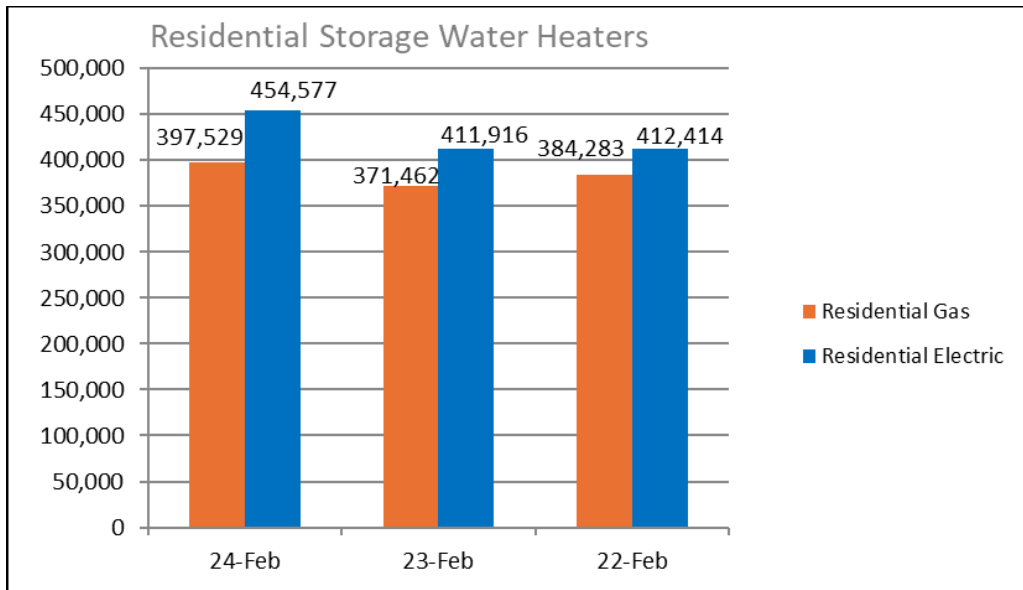
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

AHRI Releases February 2024 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for February 2024 increased 7 percent, to 397,529 units, up from 371,462 units shipped in February 2023. Residential electric storage water heater shipments increased 10.4 percent in February 2024 to 454,577 units, up from 411,916 units shipped in February 2023.

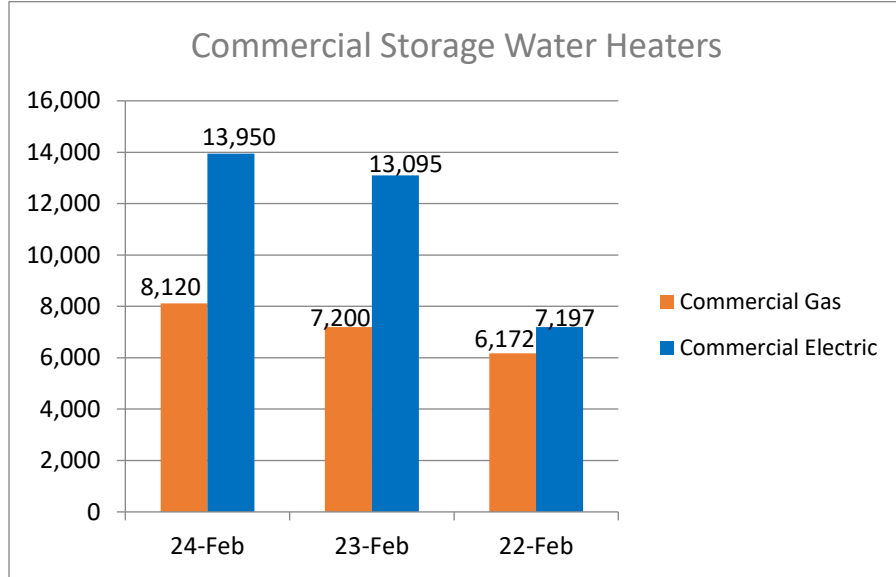


Year-to-date U.S. shipments of residential gas storage water heaters increased 1.9 percent, to 744,553, compared to 730,380 shipped during that same period in 2023. Residential electric storage water heater shipments increased 6.4 percent year-to-date, to 871,640 units, compared to 819,229 shipped during the same period in 2023.

Year-to-Date	Feb 24 YTD	Feb 23 YTD	% CHG. (From 2023-2024)	Feb 22 YTD
Residential Storage Gas	744,553	730,380	+1.9	739,293
Residential Storage Electric	871,640	819,229	+6.4	803,417

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 12.8 percent in February 2024, to 8,120 units, up from 7,200 units shipped in February 2023. Commercial electric storage water heater shipments increased 6.5 percent in February 2024, to 13,950, up from 13,095 units shipped in February 2023.

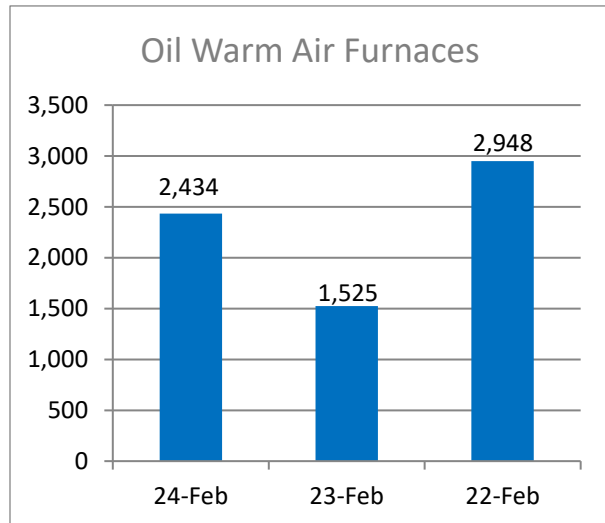
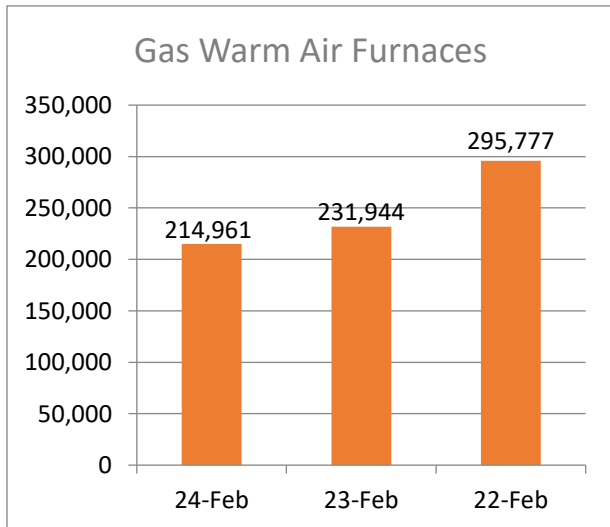


Year-to-date U.S. shipments of commercial gas storage water heaters increased 6.4 percent, to 15,371 units, compared with 14,447 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments increased 7.8 percent, to 25,647 units, up from 23,791 units shipped during the same period in 2023.

Year-to-Date	Feb 24 YTD	Feb 23 YTD	% CHG. (From 2023-2024)	Feb 22 YTD
Commercial Storage Gas	15,371	14,447	+6.4	11,445
Commercial Storage Electric	25,647	23,791	+7.8	13,788

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for February 2024 decreased 7.3 percent, to 214,961 units, down from 231,944 units shipped in February 2023. Oil warm air furnace shipments increased 59.6 percent, to 2,434 units in February 2024, up from 1,525 units shipped in February 2023.

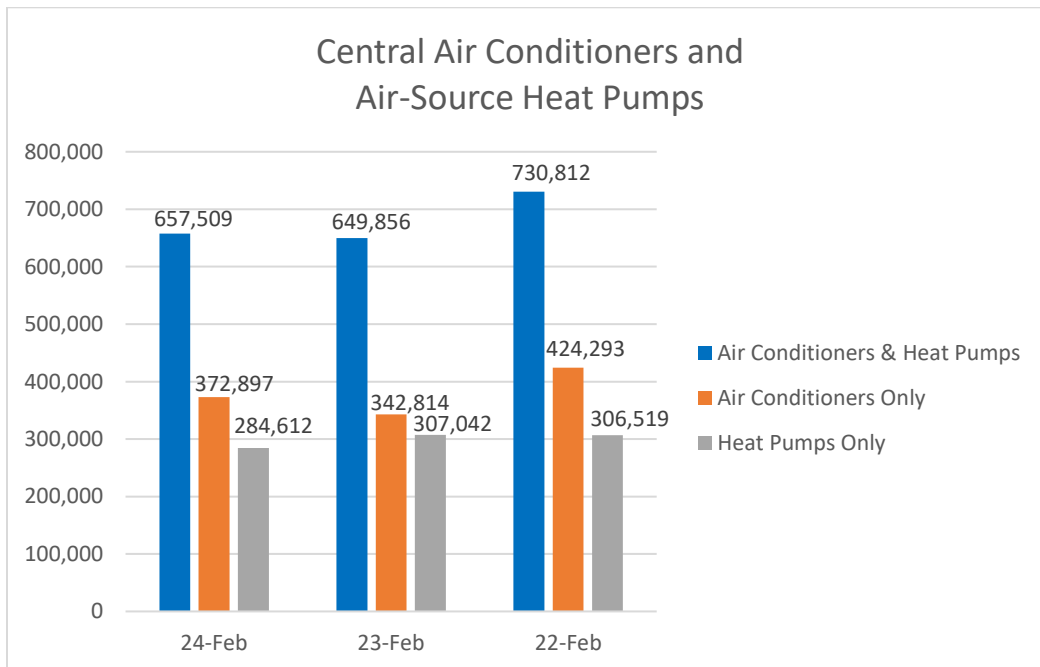


Year-to-date U.S. shipments of gas warm air furnaces decreased 11.7 percent, to 431,047 units, compared with 488,300 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces increased 23.1 percent, to 5,064 units, compared with 4,113 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Feb 24 YTD	Feb 23 YTD	% CHG. (From 2023-2024)	Feb 22 YTD
Gas Warm Air Furnaces	431,047	488,300	-11.7	602,630
Oil Warm Air Furnaces	5,064	4,113	+23.1	5,739

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 657,509 units in February 2024, up 1.2 percent from 649,856 units shipped in February 2023. U.S. shipments of air conditioners increased 8.8 percent, to 372,897 units, up from 342,814 units shipped in February 2023. U.S. shipments of air-source heat pumps decreased 7.3 percent, to 284,612 units, down from 307,042 shipped in February 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 9.7 percent, to 1,136,883, down from 1,259,012 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners decreased 7.4 percent, to 620,932 units, down from 670,269 units shipped during the same period in 2023. The year-to-date total for heat pump shipments decreased 12.4 percent, to 515,951, down from 588,743 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Feb 24 YTD	Feb 23 YTD	% CHG. (From 2023-2024)	Feb 22 YTD
Air Conditioners & Heat Pumps Combined Total	1,136,883	1,259,012	-9.7	1,488,090
Air Conditioners Only	620,932	670,269	-7.4	856,128
Heat Pumps Only	515,951	588,743	-12.4	631,962

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

Month			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	21,610	-11.8	35,399
16.5-21.9	69,633	-15.2	77,115
22-26.9	140,859	+16.4	136,735
27-32.9	101,214	-3.8	112,005
33-38.9	133,507	+1.2	151,733
39-43.9	44,195	+4.0	58,202
44-53.9	66,958	+0.6	79,184
54-64.9	54,718	-6.1	61,082
65-96.9	8,011	+23.2	6,518
97-134.9	7,398	+48.2	5,382
135-184.9	4,302	+32.2	3,372
185-249.9	1,995	+90.7	1,469
250-319.9	1,638	+94.1	1,569
320-379.9	350	+101.1	219
380-539.9	406	+93.3	270
540-639.9	305	+33.8	237
640-799.9	109	+51.4	80
800.0-899.9	50	-20.6	22
900.0-999.9	67	+24.1	67
1,000.0-1,199.9	44	+7.3	41
1,200.0 & Over	80	+1.3	111
TOTAL	657,509	+1.2	730,812

YTD			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	44,580	-6.4	67,750
16.5-21.9	130,360	-16.8	149,730
22-26.9	238,804	-3.2	280,499
27-32.9	173,337	-10.8	231,369
33-38.9	221,664	-12.1	315,361
39-43.9	74,745	-7.4	113,166
44-53.9	111,808	-14.6	164,030
54-64.9	94,933	-16.9	126,083
65-96.9	15,487	+15.7	14,073
97-134.9	13,530	+40.4	11,048
135-184.9	8,320	+23.7	7,189
185-249.9	3,651	+62.6	3,120
250-319.9	3,023	+66.8	2,679
320-379.9	668	+61.7	436
380-539.9	718	+48.0	500
540-639.9	546	+32.8	432
640 & Over	225	+50.0	175
800.0-899.9	118	+14.6	101
900.0-999.9	121	+15.2	109
1,000.0-1,199.9	91	+37.9	51
1,200.0 & Over	154	-1.9	189
TOTAL	1,136,883	-9.7	1,488,090

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.

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

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

###

[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.