

February 14, 2025

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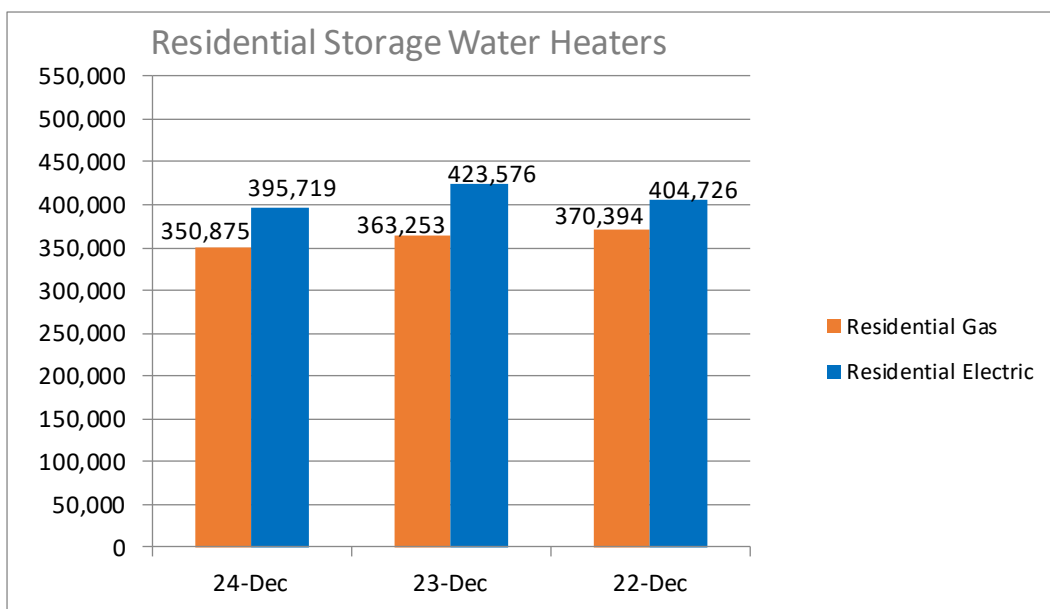
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for December 2024 changed -3.4 percent, to 350,875 units, compared to 363,253 units shipped in December 2023. Residential electric storage water heater shipments changed -6.6 percent in December 2024 to 395,719 units, compared to 423,576 units shipped in December 2023.

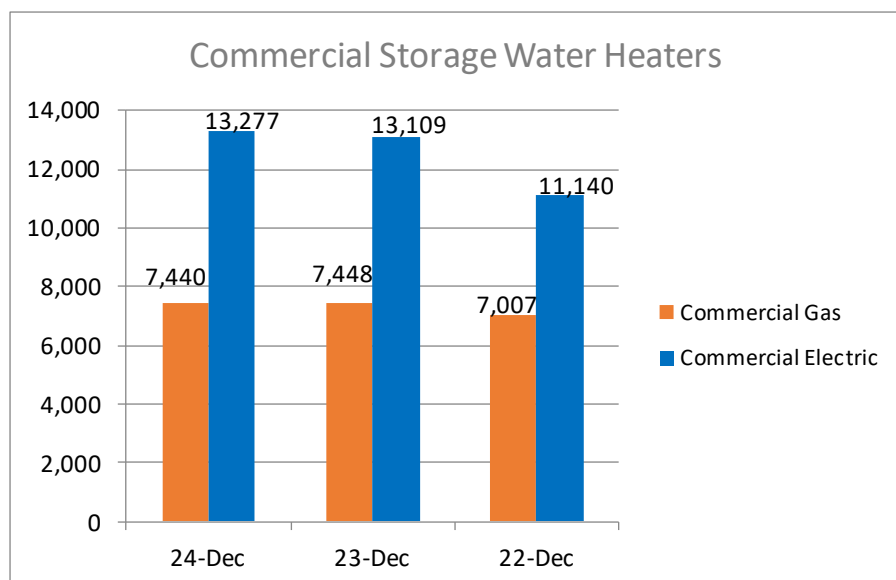


Year-to-date U.S. shipments of residential gas storage water heaters changed -2.7 percent, to 4,177,148, compared to 4,292,062 shipped during that same period in 2023. Residential electric storage water heater shipments changed +3.1 percent year-to-date, to 5,057,208 units, compared to 4,905,071 shipped during the same period in 2023.

Year-to-Date	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Residential Storage Gas	4,177,148	4,292,062	-2.7	4,131,205
Residential Storage Electric	5,057,208	4,905,071	+3.1	4,567,484

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -0.1 percent in December 2024, to 7,440 units, compared to 7,448 units shipped in December 2023. Commercial electric storage water heater shipments changed +1.3 percent in December 2024, to 13,277, compared to 13,109 units shipped in December 2023.

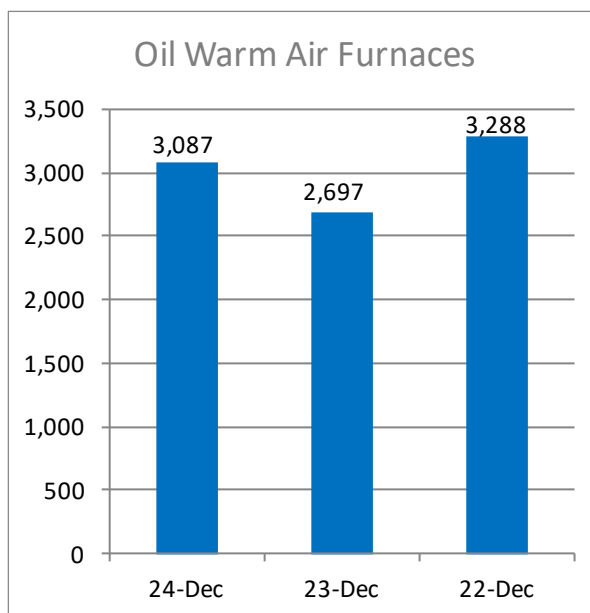
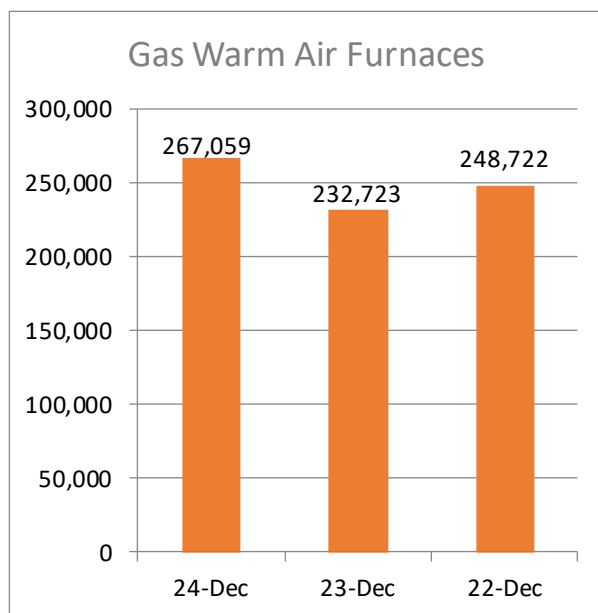


Year-to-date U.S. shipments of commercial gas storage water heaters changed -3.5 percent, to 84,117 units, compared to 87,201 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +4.0 percent, to 153,592 units, compared to 147,659 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Commercial Storage Gas	84,117	87,201	-3.5	83,487
Commercial Storage Electric	153,592	147,659	+4.0	120,152

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for December 2024 changed +14.8 percent, to 267,059 units, compared to 232,723 units shipped in December 2023. Oil warm air furnace shipments changed +14.5 percent, to 3,087 units in December 2024, compared to 2,697 units shipped in December 2023.



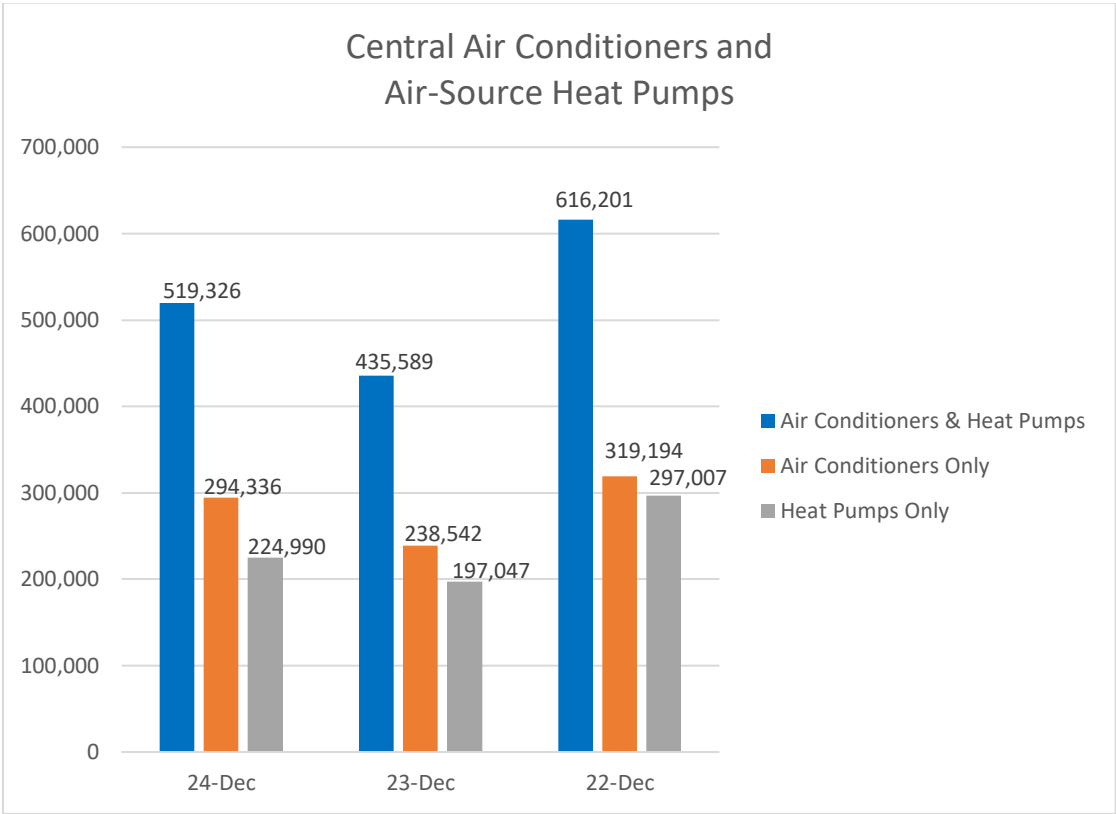
Year-to-date U.S. shipments of gas warm air furnaces changed +4.4 percent, to 3,120,677 units, compared to 2,989,516 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces

changed +32.8 percent, to 30,036 units, compared to 22,619 units shipped during the same period in 2023.

Year-to-Date				
	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Gas Warm Air Furnaces	3,120,677	2,989,516	+4.4	3,872,368
Oil Warm Air Furnaces	30,036	22,619	+32.8	29,470

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 519,326 units in December 2024, changed +19.2 percent compared to 435,589 units shipped in December 2023. U.S. shipments of air conditioners changed +23.4 percent, to 294,336 units, compared to 238,542 units shipped in December 2023. U.S. shipments of air-source heat pumps changed +14.2 percent, to 224,990 units, compared to 197,047 shipped in December 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed +11.8 percent, to 9,681,770, compared to 8,656,674 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed +10.3 percent, to 5,559,766 units, compared to 5,040,042 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed +14.0 percent, to 4,122,004, compared to 3,616,632 units shipped during the same period in 2023.

Year-to-Date				
	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Air Conditioners & Heat Pumps Combined Total	9,681,770	8,656,674	+11.8	10,388,054
Air Conditioners Only	5,559,766	5,040,042	+10.3	6,053,575
Heat Pumps Only	4,122,004	3,616,632	+14.0	4,334,479

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

Month				YTD			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total	Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	26,633	+41.1	23,650	Under 16.5	395,510	+21.0	431,298
16.5-21.9	70,260	+19.5	84,216	16.5-21.9	1,168,257	+12.2	1,087,140
22-26.9	114,938	+34.9	121,505	22-26.9	2,096,432	+24.2	2,081,058
27-32.9	71,574	+15.4	90,890	27-32.9	1,485,684	+15.0	1,579,556
33-38.9	90,890	+18.4	117,446	33-38.9	1,873,291	+10.4	2,164,957
39-43.9	32,602	+6.8	41,052	39-43.9	631,934	+5.6	756,074
44-53.9	49,978	+16.9	62,119	44-53.9	946,840	+0.2	1,123,720
54-64.9	41,004	+16.1	51,543	54-64.9	765,385	-0.3	881,728
65-96.9	7,365	-11.1	8,184	65-96.9	106,618	-2.7	99,476
97-134.9	6,073	-19.5	6,184	97-134.9	89,930	+4.6	78,446
135-184.9	3,742	-27.2	4,046	135-184.9	59,042	+10.7	49,396
185-249.9	1,641	-15.8	2,277	185-249.9	26,516	+26.1	23,190
250-319.9	1,468	+17.1	1,809	250-319.9	19,397	+22.2	17,704
320-379.9	316	+5.0	301	320-379.9	4,355	+19.2	3,415
380-539.9	286	-9.5	329	380-539.9	4,459	+20.7	3,763
540-639.9	212	-7.8	323	540-639.9	3,445	+17.9	3,093
640-799.9	108	-9.2	135	640 & Over	1,566	+25.2	1,252
800.0-899.9	37	-28.8	55	800.0-899.9	637	+8.1	619
900.0-999.9	70	+25.0	51	900.0-999.9	863	+27.5	781
1,000.0-1,199.9	46	+43.8	37	1,000.0-1,199.9	502	+22.4	417
1,200.0 & Over	83	-5.7	49	1,200.0 & Over	1,107	+6.4	971
TOTAL	519,326	+19.2	616,201	TOTAL	9,681,770	+11.8	10,388,054

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.
- Does the December YTD data equal full calendar year?
Yes, it does.
- Can I purchase additional industry data from AHRI?
No, AHRI statistical data is not for sale.
- 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.