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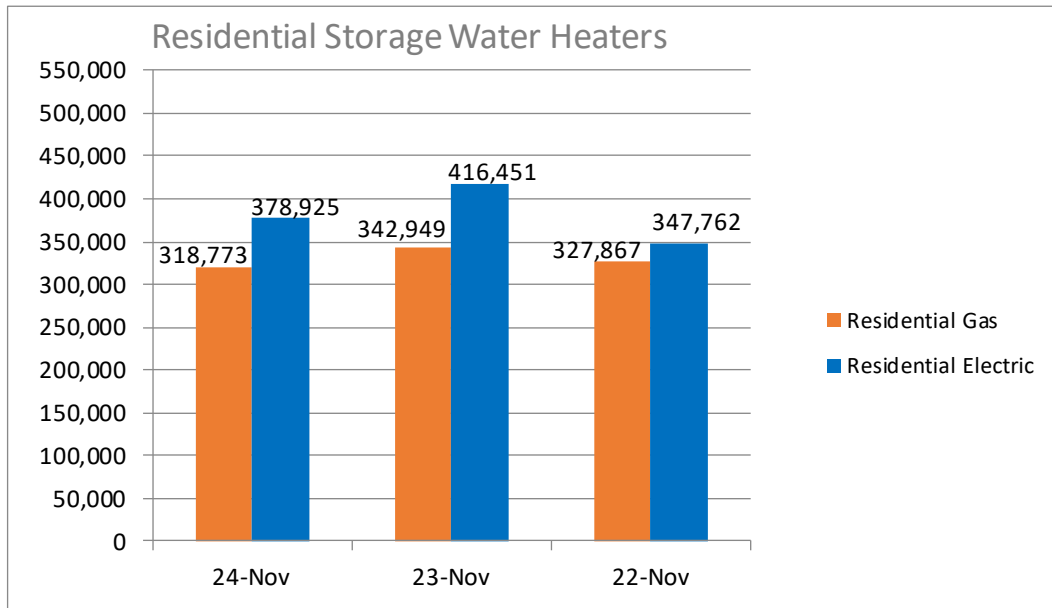
January 10, 2025
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Public data is available in Excel format [here](#).
Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for November 2024 changed -7.0 percent, to 318,773 units, compared to 342,949 units shipped in November 2023. Residential electric storage water heater shipments changed -9.0 percent in November 2024 to 378,925 units, compared to 416,451 units shipped in November 2023.

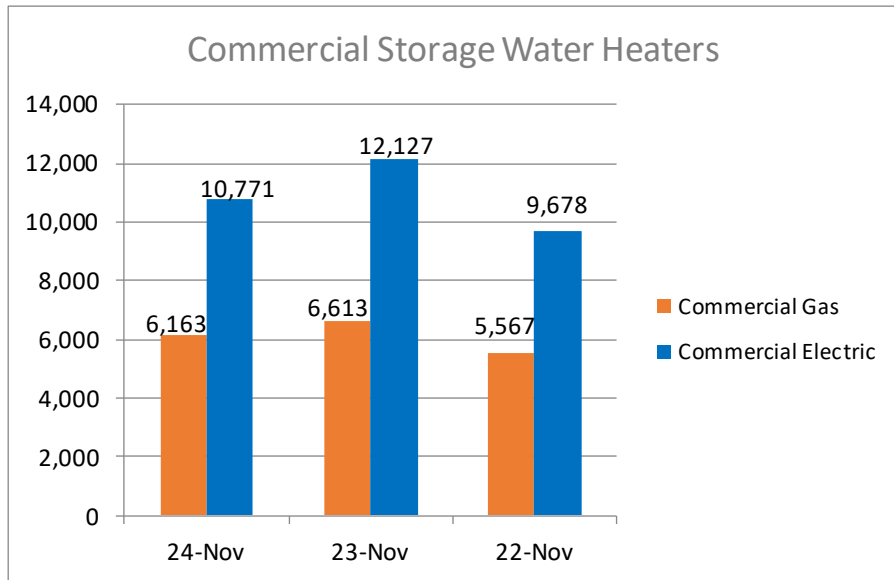


Year-to-date U.S. shipments of residential gas storage water heaters changed -2.6 percent, to 3,826,273, compared to 3,928,809 shipped during that same period in 2023. Residential electric storage water heater shipments changed +4.0 percent year-to-date, to 4,661,489 units, compared to 4,481,495 shipped during the same period in 2023.

Year-to-Date	Nov 24 YTD	Nov 23 YTD	% CHG. (From 2023-2024)	Nov 22 YTD
Residential Storage Gas	3,826,273	3,928,809	-2.6	3,760,811
Residential Storage Electric	4,661,489	4,481,495	+4.0	4,162,758

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -6.8 percent in November 2024, to 6,163 units, compared to 6,613 units shipped in November 2023. Commercial electric storage water heater shipments changed -11.2 percent in November 2024, to 10,771, compared to 12,127 units shipped in November 2023.

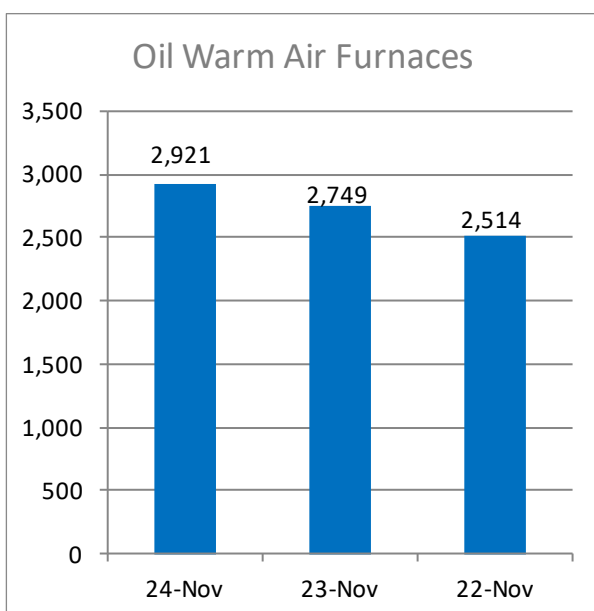
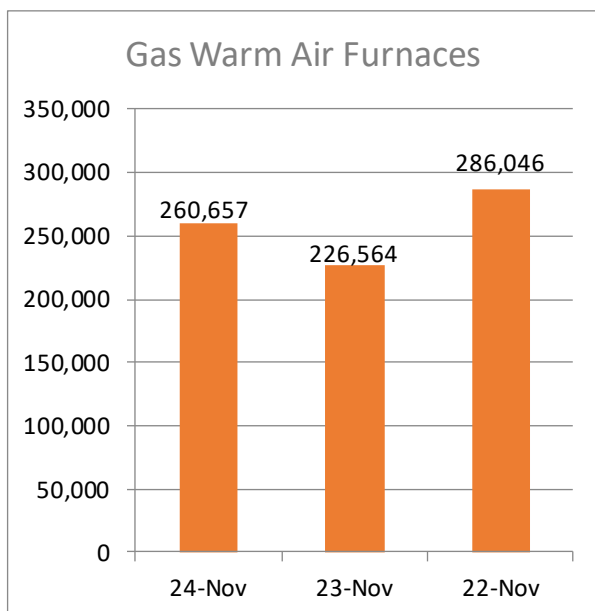


Year-to-date U.S. shipments of commercial gas storage water heaters changed -3.9 percent, to 76,677 units, compared to 79,753 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +4.3 percent, to 140,315 units, compared to 134,550 units shipped during the same period in 2023.

<i>Year-to-Date</i>	Nov 24 YTD	Nov 23 YTD	% CHG. (From 2023-2024)	Nov 22 YTD
Commercial Storage Gas	76,677	79,753	-3.9	76,480
Commercial Storage Electric	140,315	134,550	+4.3	109,012

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for November 2024 changed +15.0 percent, to 260,657 units, compared to 226,564 units shipped in November 2023. Oil warm air furnace shipments changed +6.3 percent, to 2,921 units in November 2024, compared to 2,749 units shipped in November 2023.

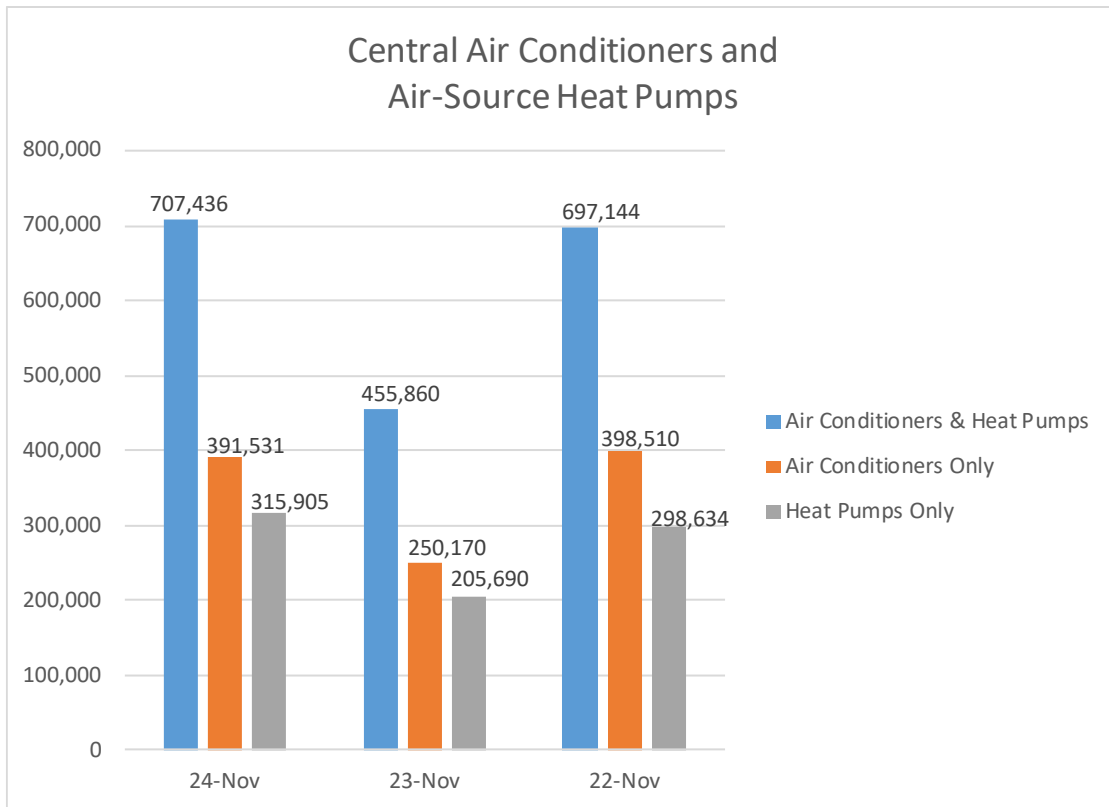


Year-to-date U.S. shipments of gas warm air furnaces changed +3.5 percent, to 2,853,618 units, compared to 2,756,793 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces changed +35.3 percent, to 26,949 units, compared to 19,922 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Nov 24 YTD	Nov 23 YTD	% CHG. (From 2023-2024)	Nov 22 YTD
Gas Warm Air Furnaces	2,853,618	2,756,793	+3.5	3,623,646
Oil Warm Air Furnaces	26,949	19,922	+35.3	26,182

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 707,436 units in November 2024, changed +55.2 percent compared to 455,860 units shipped in November 2023. U.S. shipments of air conditioners changed +56.5 percent, to 391,531 units, compared to 250,170 units shipped in November 2023. U.S. shipments of air-source heat pumps changed +53.6 percent, to 315,905 units, compared to 205,690 shipped in November 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed +11.5 percent, to 9,162,444, compared to 8,221,085 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed +9.7 percent, to 5,265,430 units, compared to 4,801,500 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed +14.0 percent, to 3,897,014, compared to 3,419,585 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Nov 24 YTD	Nov 23 YTD	% CHG. (From 2023-2024)	Nov 22 YTD
Air Conditioners & Heat Pumps Combined Total	9,162,444	8,221,085	+11.5	9,771,853
Air Conditioners Only	5,265,430	4,801,500	+9.7	5,734,381
Heat Pumps Only	3,897,014	3,419,585	+14.0	4,037,472

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

Size Description (000) BTUH	Month			Size Description (000) BTUH	YTD		
	2024 Total	% Change from 2023	2022 Total		2024 Total	% Change from 2023	2022 Total
Under 16.5	30,858	+76.3	28,486	Under 16.5	368,877	+19.8	407,648
16.5-21.9	92,830	+73.7	85,794	16.5-21.9	1,097,997	+11.8	1,002,924
22-26.9	171,249	+94.2	150,310	22-26.9	1,981,494	+23.6	1,959,553
27-32.9	103,843	+52.7	98,517	27-32.9	1,414,110	+14.9	1,488,666
33-38.9	134,298	+52.7	125,829	33-38.9	1,782,401	+10.0	2,047,511
39-43.9	38,291	+21.1	44,551	39-43.9	599,332	+5.5	715,022
44-53.9	62,055	+39.8	75,299	44-53.9	896,862	-0.6	1,061,601
54-64.9	50,986	+33.3	64,817	54-64.9	724,381	-1.1	830,185
65-96.9	8,208	-15.7	7,740	65-96.9	99,253	-2.0	91,292
97-134.9	6,224	-13.2	6,011	97-134.9	83,857	+6.9	72,262
135-184.9	4,313	-12.0	4,990	135-184.9	55,300	+14.8	45,350
185-249.9	1,788	-0.6	2,207	185-249.9	24,875	+30.3	20,913
250-319.9	1,328	-18.0	1,436	250-319.9	17,929	+22.7	15,895
320-379.9	297	-12.4	274	320-379.9	4,039	+20.5	3,114
380-539.9	293	-11.7	369	380-539.9	4,173	+23.5	3,434
540-639.9	233	-22.6	202	540-639.9	3,233	+20.1	2,770
640-799.9	108	+20.0	113	640 & Over	1,458	+28.8	1,117
800.0-899.9	47	-17.5	33	800.0-899.9	600	+11.7	564
900.0-999.9	52	+10.6	56	900.0-999.9	793	+27.7	730
1,000.0-1,199.9	30	-23.1	27	1,000.0-1,199.9	456	+20.6	380
1,200.0 & Over	105	+19.3	83	1,200.0 & Over	1,024	+7.6	922
TOTAL	707,436	+55.2	697,144	TOTAL	9,162,444	+11.5	9,771,853

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.

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.