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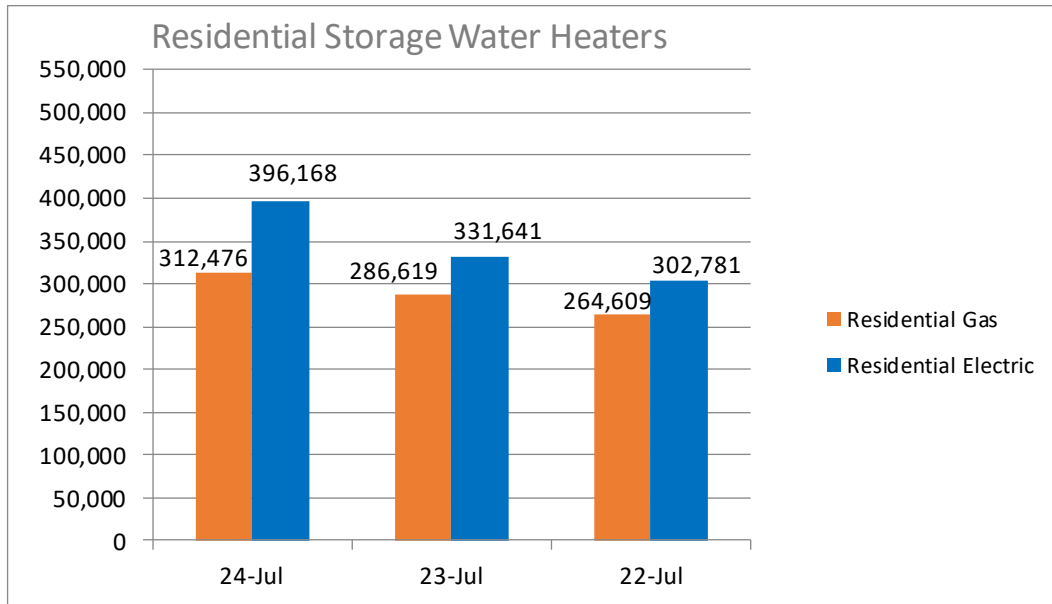
September 13, 2024
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Public data is available in Excel format [here](#).
Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for July 2024 changed +9.0 percent, to 312,476 units, compared to 286,619 units shipped in July 2023. Residential electric storage water heater shipments changed +19.5 percent in July 2024 to 396,168 units, compared to 331,641 units shipped in July 2023.

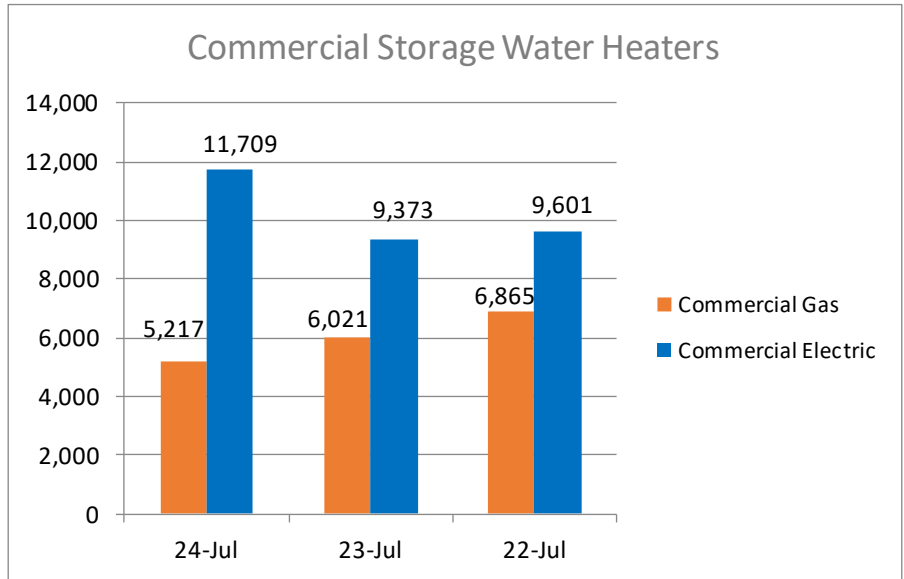


Year-to-date U.S. shipments of residential gas storage water heaters changed +0.3 percent, to 2,522,542, compared to 2,515,939 shipped during that same period in 2023. Residential electric storage water heater shipments changed +7.7 percent year-to-date, to 3,045,246 units, compared to 2,826,318 shipped during the same period in 2023.

Year-to-Date	Jul 24 YTD	Jul 23 YTD	% CHG. (From 2023-2024)	Jul 22 YTD
Residential Storage Gas	2,522,542	2,515,939	+0.3	2,497,130
Residential Storage Electric	3,045,246	2,826,318	+7.7	2,753,717

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -13.4 percent in July 2024, to 5,217 units, compared to 6,021 units shipped in July 2023. Commercial electric storage water heater shipments changed +24.9 percent in July 2024, to 11,709, compared to 9,373 units shipped in July 2023.

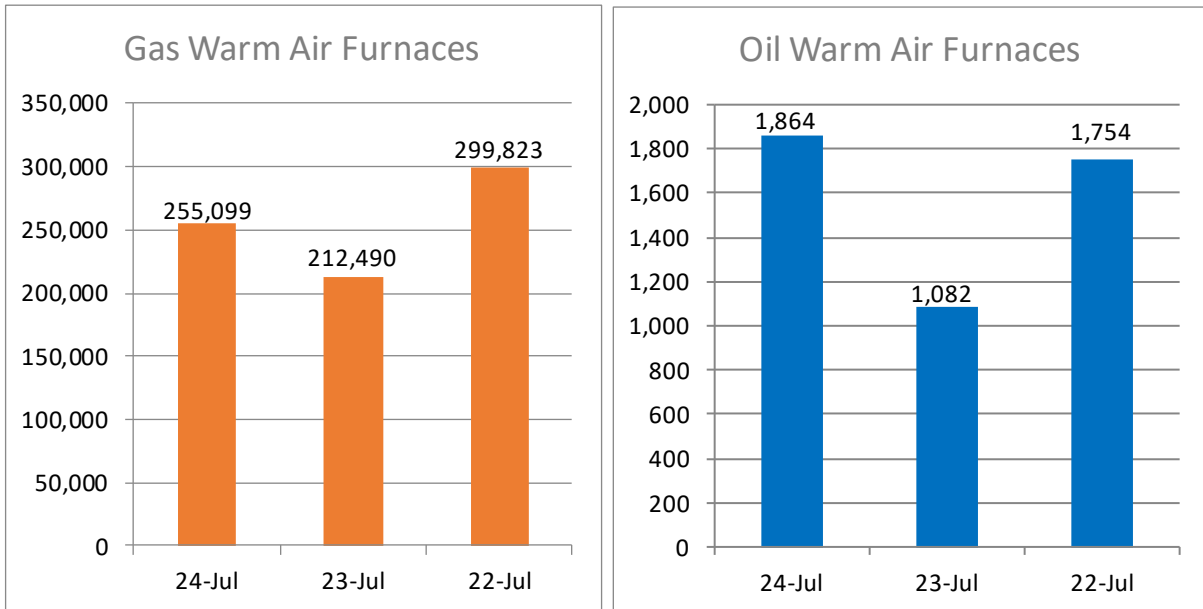


Year-to-date U.S. shipments of commercial gas storage water heaters changed +0.4 percent, to 51,998 units, compared to 51,769 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +13.3 percent, to 95,647 units, compared to 84,436 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Jul 24 YTD	Jul 23 YTD	% CHG. (From 2023-2024)	Jul 22 YTD
Commercial Storage Gas	51,998	51,769	+0.4	50,367
Commercial Storage Electric	95,647	84,436	+13.3	67,359

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for July 2024 changed +20.1 percent, to 255,099 units, compared to 212,490 units shipped in July 2023. Oil warm air furnace shipments changed +72.3 percent, to 1,864 units in July 2024, compared to 1,082 units shipped in July 2023.



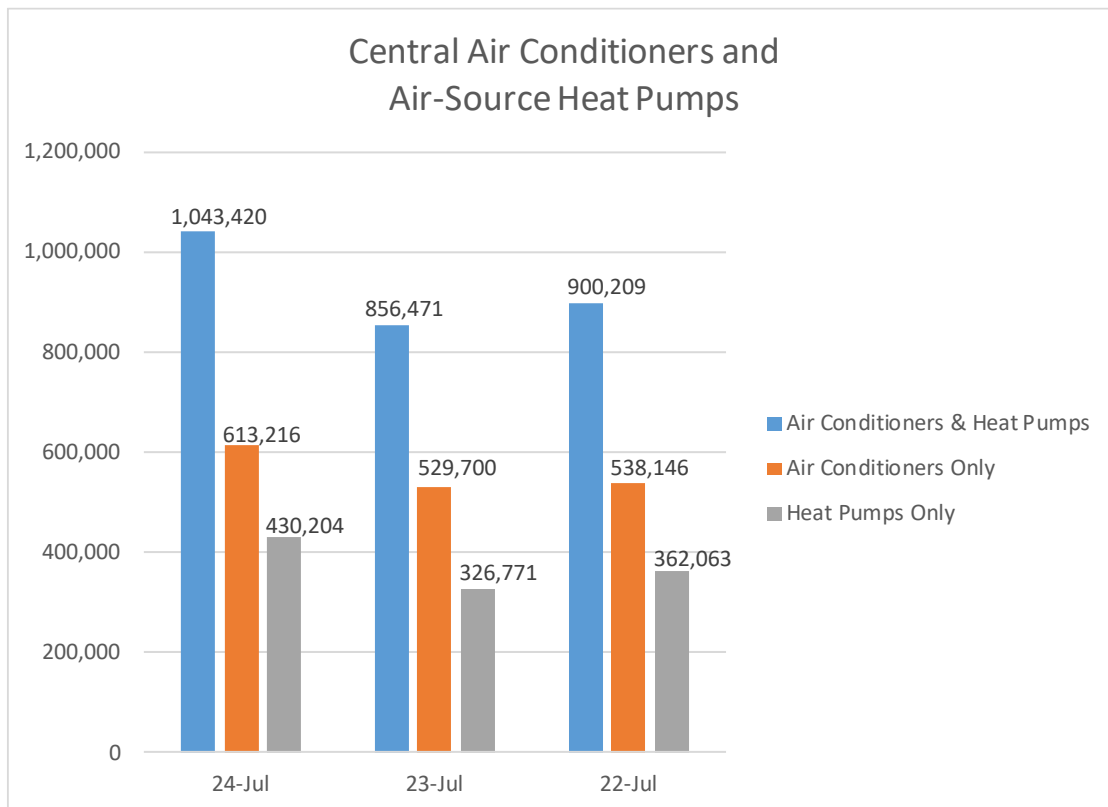
Year-to-date U.S. shipments of gas warm air furnaces changed -0.7 percent, to 1,718,336 units, compared to 1,730,288 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces

changed +56.8 percent, to 14,094 units, compared to 8,989 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Jul 24 YTD	Jul 23 YTD	% CHG. (From 2023-2024)	Jul 22 YTD
Gas Warm Air Furnaces	1,718,336	1,730,288	-0.7	2,304,781
Oil Warm Air Furnaces	14,094	8,989	+56.8	15,309

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 1,043,420 units in July 2024, changed +21.8 percent compared to 856,471 units shipped in July 2023. U.S. shipments of air conditioners changed +15.8 percent, to 613,216 units, compared to 529,700 units shipped in July 2023. U.S. shipments of air-source heat pumps changed +31.7 percent, to 430,204 units, compared to 326,771 shipped in July 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed +3.0 percent, to 5,759,951, compared to 5,592,155 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed +2.8 percent, to 3,332,577 units, compared to 3,242,157 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed +3.3 percent, to 2,427,374, compared to 2,349,998 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Jul 24 YTD	Jul 23 YTD	% CHG. (From 2023-2024)	Jul 22 YTD
Air Conditioners & Heat Pumps Combined Total	5,759,951	5,592,155	+3.0	6,442,769
Air Conditioners Only	3,332,577	3,242,157	+2.8	3,876,462
Heat Pumps Only	2,427,374	2,349,998	+3.3	2,566,307

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	44,262	+46.9	36,412	Under 16.5	219,329	+6.3	264,871
16.5-21.9	127,021	+44.2	81,451	16.5-21.9	671,803	-1.1	606,634
22-26.9	221,248	+26.6	183,179	22-26.9	1,224,820	+10.4	1,284,499
27-32.9	151,296	+19.4	131,322	27-32.9	883,719	+3.2	1,003,081
33-38.9	212,554	+28.9	193,918	33-38.9	1,138,417	+3.0	1,381,757
39-43.9	64,131	+1.8	63,135	39-43.9	384,253	+0.2	482,059
44-53.9	103,885	+0.7	102,020	44-53.9	575,653	-4.9	712,646
54-64.9	88,423	+10.3	84,551	54-64.9	469,974	-2.9	548,698
65-96.9	10,345	+16.8	9,009	65-96.9	63,984	+4.4	56,531
97-134.9	8,727	+9.5	6,877	97-134.9	54,340	+17.4	44,460
135-184.9	5,747	+31.4	4,141	135-184.9	35,406	+24.2	27,125
185-249.9	2,491	+29.5	1,737	185-249.9	16,096	+51.6	12,268
250-319.9	1,781	+37.2	1,257	250-319.9	12,032	+50.4	10,044
320-379.9	395	+33.0	247	320-379.9	2,649	+47.7	1,883
380-539.9	389	+25.9	366	380-539.9	2,728	+32.3	2,055
540-639.9	322	+39.4	264	540-639.9	2,060	+30.5	1,793
640-799.9	144	+53.2	107	640 & Over	931	+40.4	715
800.0-899.9	68	+36.0	40	800.0-899.9	390	+14.0	372
900.0-999.9	86	+50.9	69	900.0-999.9	484	+25.7	438
1,000.0-1,199.9	23	-39.5	47	1,000.0-1,199.9	272	+15.3	250
1,200.0 & Over	82	-14.6	60	1,200.0 & Over	611	+11.3	590
TOTAL	1,043,420	+21.8	900,209	TOTAL	5,759,951	+3.0	6,442,769

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.

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.