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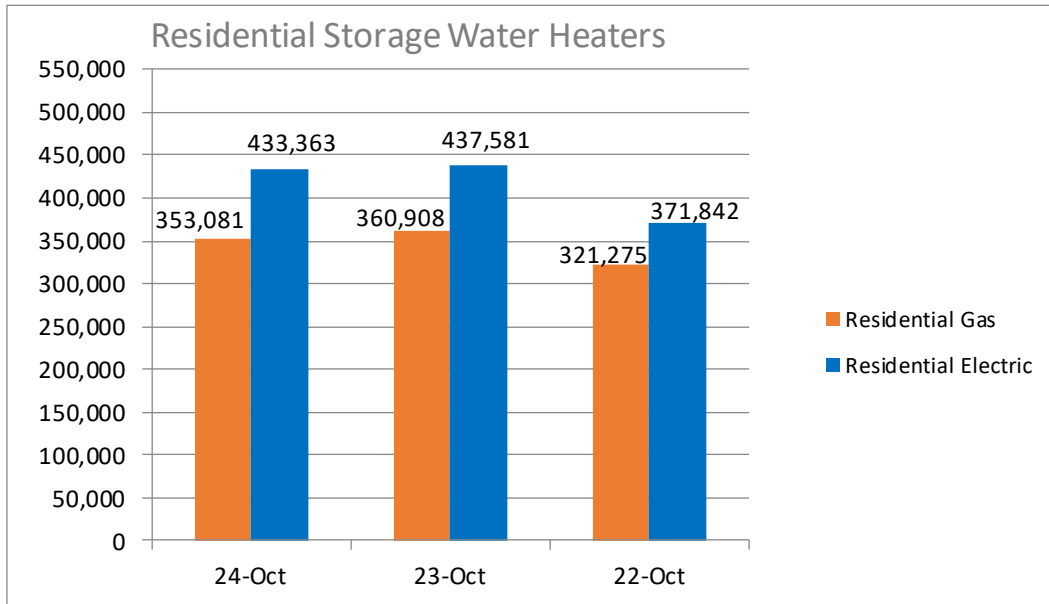
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for October 2024 changed -2.2 percent, to 353,081 units, compared to 360,908 units shipped in October 2023. Residential electric storage water heater shipments changed -1.0 percent in October 2024 to 433,363 units, compared to 437,581 units shipped in October 2023.

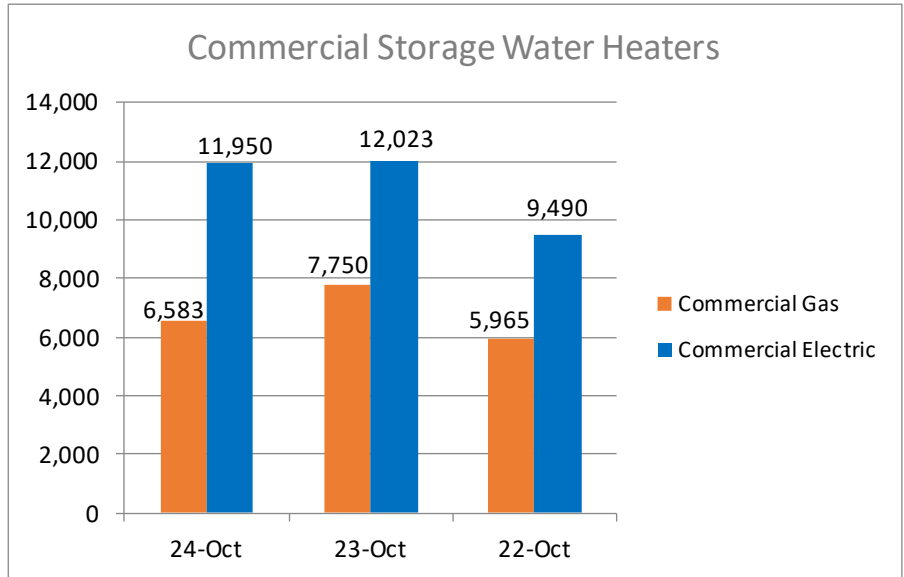


Year-to-date U.S. shipments of residential gas storage water heaters changed -2.2 percent, to 3,507,500, compared to 3,585,860 shipped during that same period in 2023. Residential electric storage water heater shipments changed +5.4 percent year-to-date, to 4,282,564 units, compared to 4,065,044 shipped during the same period in 2023.

| Year-to-Date | Oct 24 YTD | Oct 23 YTD | % CHG. (From 2023-2024) | Oct 22 YTD |
|------------------------------|------------|------------|-------------------------|------------|
| Residential Storage Gas | 3,507,500 | 3,585,860 | -2.2 | 3,432,944 |
| Residential Storage Electric | 4,282,564 | 4,065,044 | +5.4 | 3,814,996 |

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -15.1 percent in October 2024, to 6,583 units, compared to 7,750 units shipped in October 2023. Commercial electric storage water heater shipments changed -0.6 percent in October 2024, to 11,950, compared to 12,023 units shipped in October 2023.

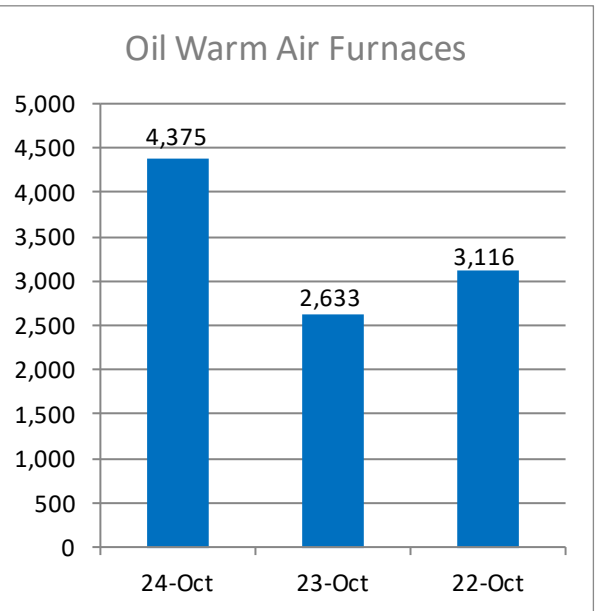
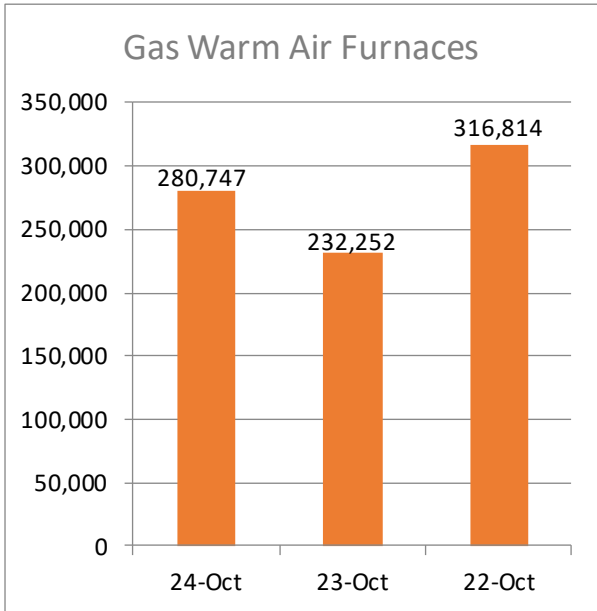


Year-to-date U.S. shipments of commercial gas storage water heaters changed -3.6 percent, to 70,514 units, compared to 73,140 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +5.8 percent, to 129,544 units, compared to 122,423 units shipped during the same period in 2023.

| <i>Year-to-Date</i> | Oct 24 YTD | Oct 23 YTD | % CHG. (From 2023-2024) | Oct 22 YTD |
|------------------------------------|------------|------------|-------------------------|------------|
| Commercial Storage Gas | 70,514 | 73,140 | -3.6 | 70,913 |
| Commercial Storage Electric | 129,544 | 122,423 | +5.8 | 99,334 |

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for October 2024 changed +20.9 percent, to 280,747 units, compared to 232,252 units shipped in October 2023. Oil warm air furnace shipments changed +66.2 percent, to 4,375 units in October 2024, compared to 2,633 units shipped in October 2023.



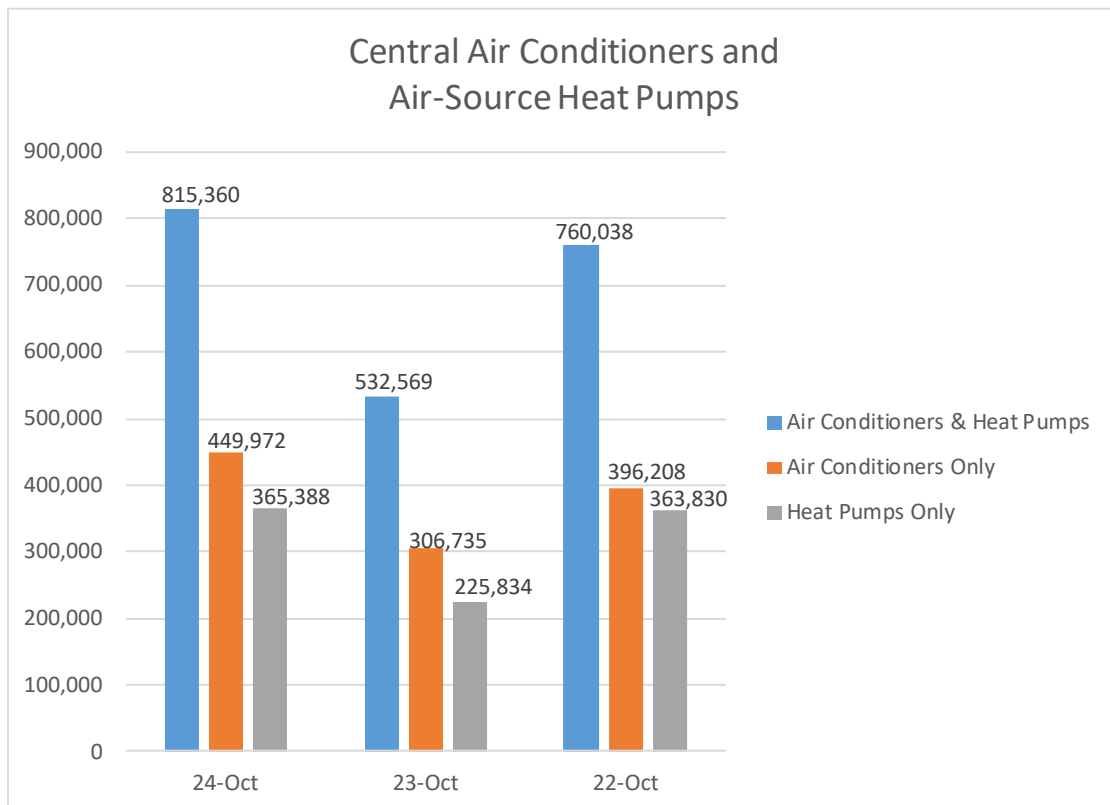
Year-to-date U.S. shipments of gas warm air furnaces changed +2.5 percent, to 2,592,961 units, compared to 2,530,229 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces

changed +39.9 percent, to 24,028 units, compared to 17,173 units shipped during the same period in 2023.

| <i>Year-to-Date</i> | | | | |
|------------------------------|-------------------|-------------------|--------------------------------|-------------------|
| | Oct 24 YTD | Oct 23 YTD | % CHG. (From 2023-2024) | Oct 22 YTD |
| Gas Warm Air Furnaces | 2,592,961 | 2,530,229 | +2.5 | 3,337,600 |
| Oil Warm Air Furnaces | 24,028 | 17,173 | +39.9 | 23,668 |

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 815,360 units in October 2024, changed +53.1 percent compared to 532,569 units shipped in October 2023. U.S. shipments of air conditioners changed +46.7 percent, to 449,972 units, compared to 306,735 units shipped in October 2023. U.S. shipments of air-source heat pumps changed +61.8 percent, to 365,388 units, compared to 225,834 shipped in October 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed +8.9 percent, to 8,455,008, compared to 7,765,225 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed +7.1 percent, to 4,873,899 units, compared to 4,551,330 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed +11.4 percent, to 3,581,109, compared to 3,213,895 units shipped during the same period in 2023.

| <i>Year-to-Date</i> | | | | |
|---|-------------------|-------------------|--------------------------------|-------------------|
| | Oct 24 YTD | Oct 23 YTD | % CHG. (From 2023-2024) | Oct 22 YTD |
| Air Conditioners & Heat Pumps Combined Total | 8,455,008 | 7,765,225 | +8.9 | 9,074,709 |
| Air Conditioners Only | 4,873,899 | 4,551,330 | +7.1 | 5,335,871 |
| Heat Pumps Only | 3,581,109 | 3,213,895 | +11.4 | 3,738,838 |

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 | 36,988 | +72.6 | 33,825 | Under 16.5 | 338,019 | +16.4 | 379,162 |
| 16.5-21.9 | 100,425 | +58.0 | 101,047 | 16.5-21.9 | 1,005,167 | +8.2 | 917,130 |
| 22-26.9 | 190,584 | +100.4 | 150,062 | 22-26.9 | 1,810,245 | +19.5 | 1,809,243 |
| 27-32.9 | 129,041 | +81.1 | 101,545 | 27-32.9 | 1,310,267 | +12.7 | 1,390,149 |
| 33-38.9 | 145,078 | +37.3 | 153,163 | 33-38.9 | 1,648,103 | +7.6 | 1,921,682 |
| 39-43.9 | 54,591 | +41.2 | 54,904 | 39-43.9 | 561,041 | +4.6 | 670,471 |
| 44-53.9 | 73,663 | +27.0 | 80,689 | 44-53.9 | 834,807 | -2.7 | 986,302 |
| 54-64.9 | 59,284 | +13.2 | 61,399 | 54-64.9 | 673,395 | -3.0 | 765,368 |
| 65-96.9 | 8,721 | -3.9 | 8,175 | 65-96.9 | 91,045 | -0.6 | 83,552 |
| 97-134.9 | 7,199 | -6.1 | 6,071 | 97-134.9 | 77,633 | +8.9 | 66,251 |
| 135-184.9 | 4,838 | +2.4 | 4,322 | 135-184.9 | 50,987 | +17.8 | 40,360 |
| 185-249.9 | 2,191 | +10.9 | 2,042 | 185-249.9 | 23,087 | +33.6 | 18,706 |
| 250-319.9 | 1,403 | -18.5 | 1,557 | 250-319.9 | 16,601 | +27.8 | 14,459 |
| 320-379.9 | 344 | -0.3 | 324 | 320-379.9 | 3,742 | +24.2 | 2,840 |
| 380-539.9 | 331 | -0.9 | 352 | 380-539.9 | 3,880 | +27.4 | 3,065 |
| 540-639.9 | 249 | -10.8 | 270 | 540-639.9 | 3,000 | +25.5 | 2,568 |
| 640-799.9 | 125 | -7.4 | 89 | 640 & Over | 1,350 | +29.6 | 1,004 |
| 800.0-899.9 | 54 | +35.0 | 31 | 800.0-899.9 | 553 | +15.2 | 531 |
| 900.0-999.9 | 107 | +167.5 | 62 | 900.0-999.9 | 741 | +29.1 | 674 |
| 1,000.0-1,199.9 | 50 | +72.4 | 33 | 1,000.0-1,199.9 | 426 | +25.7 | 353 |
| 1,200.0 & Over | 94 | -16.1 | 76 | 1,200.0 & Over | 919 | +6.4 | 839 |
| TOTAL | 815,360 | +53.1 | 760,038 | TOTAL | 8,455,008 | +8.9 | 9,074,709 |

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 publicly available.
- 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 included in these reports.
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 330 heating, water heating, ventilation, air conditioning and commercial refrigeration manufacturers within the global HVACR industry. AHRI's 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.