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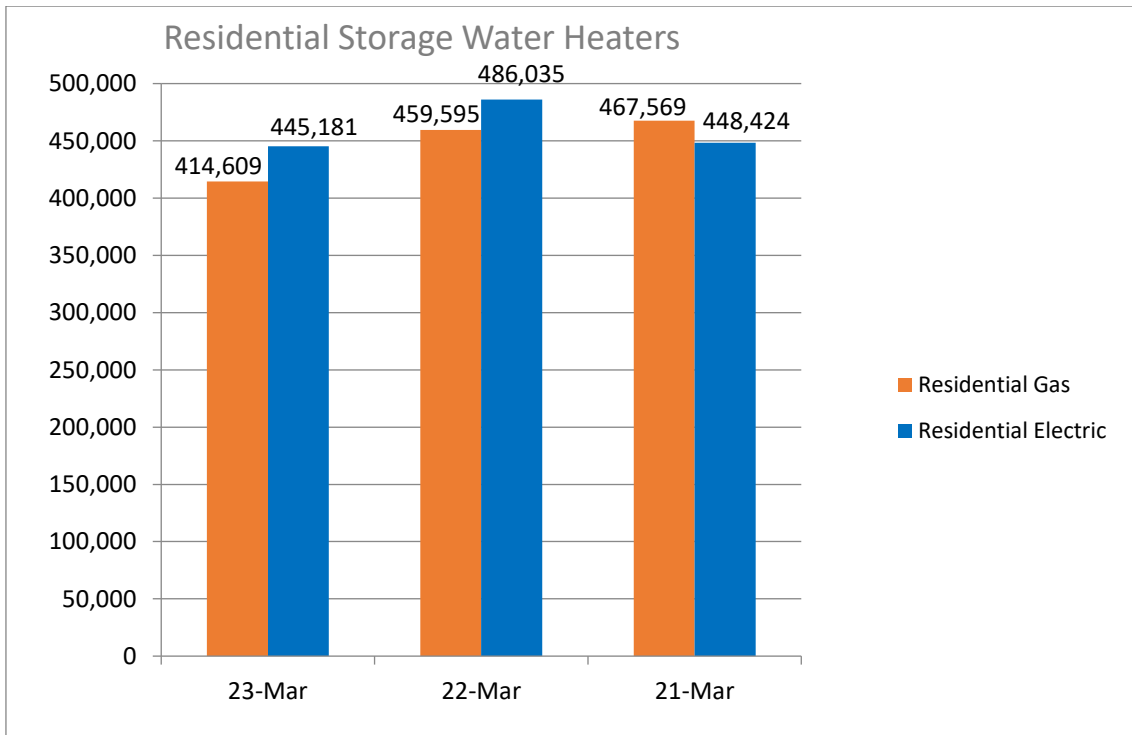
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

AHRI Releases March 2023 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for March 2023 decreased 9.8 percent, to 414,609 units, down from 459,595 units shipped in March 2022. Residential electric storage water heater shipments decreased 8.4 percent in March 2023 to 445,181 units, down from 486,035 units shipped in March 2022.

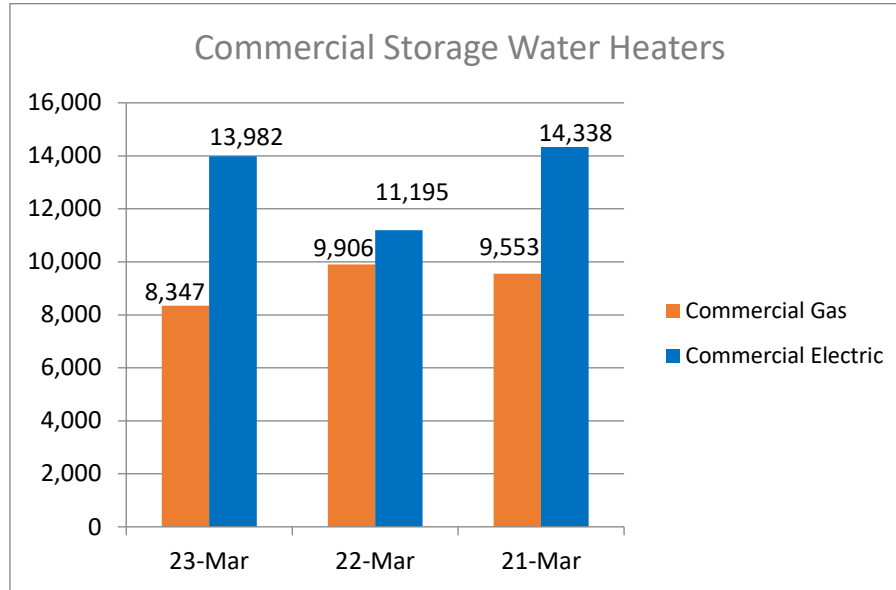


Year-to-date U.S. shipments of residential gas storage water heaters decreased 4.5 percent, to 1,144,989 compared to 1,198,888 shipped during that same period in 2022. Residential electric storage water heater shipments decreased 1.9 percent year-to-date, to 1,264,410 units, compared to 1,289,452 shipped during the same period in 2022.

Year-to-Date	Mar 23 YTD	Mar 22 YTD	%CHG. (From 2022-2023)	Mar 21 YTD
Residential Storage Gas	1,144,989	1,198,888	-4.5	1,229,414
Residential Storage Electric	1,264,410	1,289,452	-1.9	1,201,540

Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 15.7 percent in March 2023, to 8,347 units, down from 9,906 units shipped in March 2022. Commercial electric storage water heater shipments increased 24.9 percent in March 2023, to 13,982 units, up from 11,195 units shipped in March 2022.

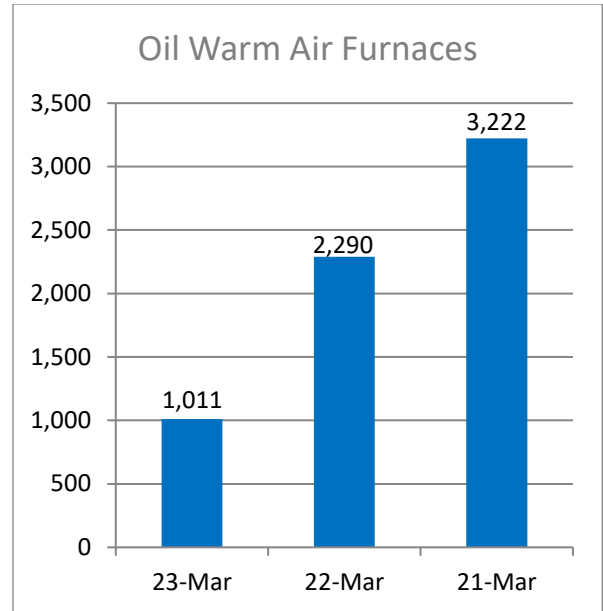
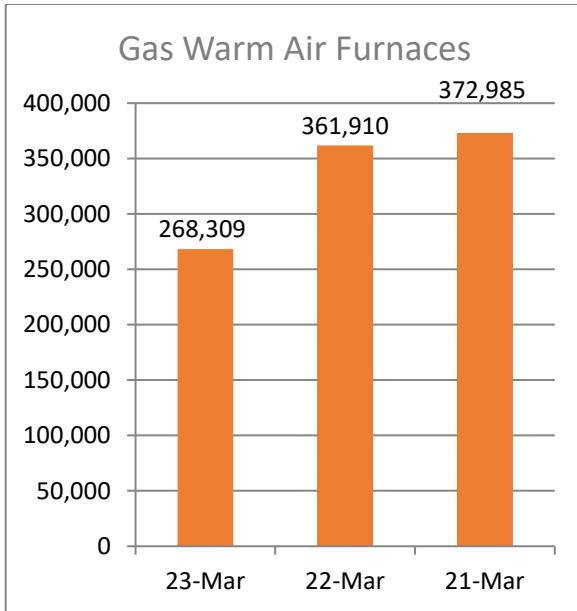


Year-to-date U.S. shipments of commercial gas storage water heaters increased 6.8 percent, to 22,794 units, compared with 21,351 units shipped during the same period in 2022. Year-to-date commercial electric storage water heater shipments increased 51.2 percent, to 37,773 units, up from 24,983 units shipped during the same period in 2022.

<i>Year-to-Date</i>	Mar 23 YTD	Mar 22 YTD	%CHG. (From 2022-2023)	Mar 21 YTD
Commercial Storage Gas	22,794	21,351	+6.8	23,380
Commercial Storage Electric	37,773	24,983	+51.2	36,859

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for March 2023 decreased 25.9 percent, to 268,309 units, down from 361,910 units shipped in March 2022. Oil warm air furnace shipments decreased 55.9 percent, to 1,011 units in March 2023, down from 2,290 units shipped in March 2022.

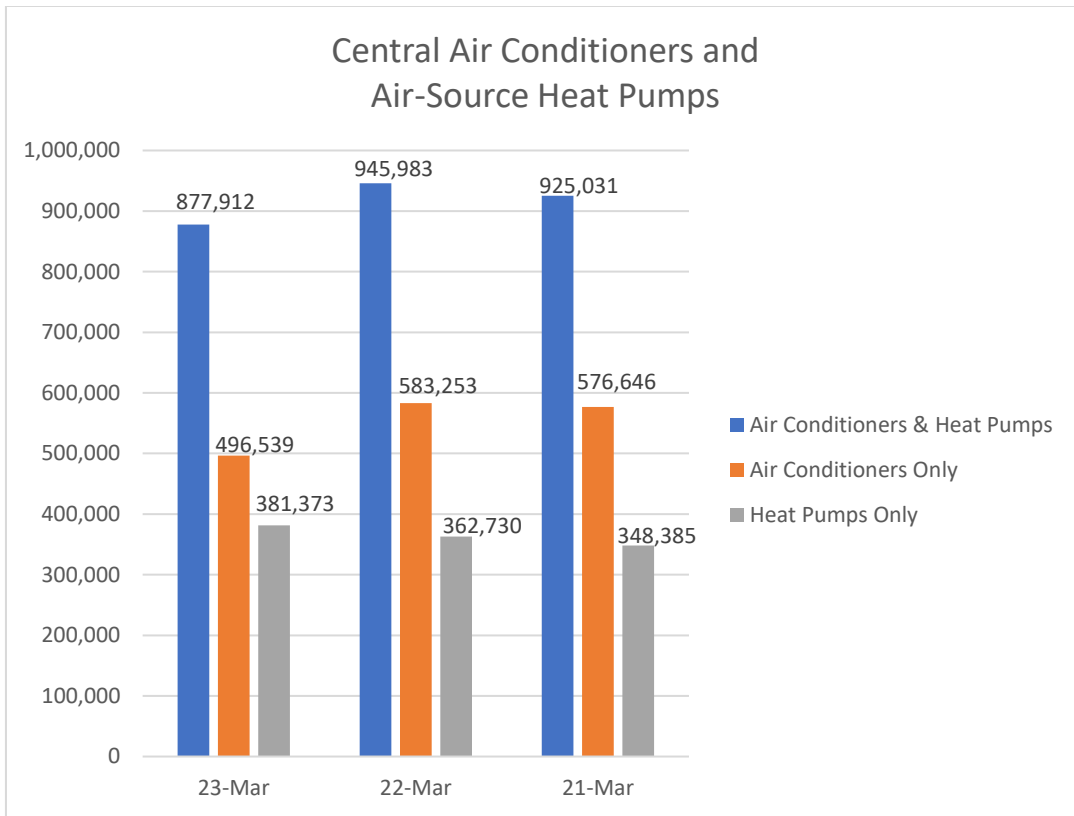


Year-to-date U.S. shipments of gas warm air furnaces decreased 21.6 percent, to 756,609 units, compared with 964,540 units shipped during the same period in 2022. Year-to-date U.S. shipments of oil warm air furnaces decreased 36.2 percent, to 5,124 units, compared with 8,029 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Mar 23 YTD	Mar 22 YTD	%CHG. (From 2022-2023)	Mar 21 YTD
Gas Warm Air Furnaces	756,609	964,540	-21.6	1,031,736
Oil Warm Air Furnaces	5,124	8,029	-36.2	9,382

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 877,912 units in March 2023, down 7.2 percent from 945,983 units shipped in March 2022. U.S. shipments of air conditioners decreased 14.9 percent, to 496,539 units, down from 583,253 units shipped in March 2022. U.S. shipments of air-source heat pumps increased 5.1 percent, to 381,373 units, up from 362,730 units shipped in March 2022.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 12.2 percent, to 2,136,924 units, down from 2,434,073 units shipped during the same period in 2022. Year-to-date shipments of central air conditioners decreased 18.9 percent, to 1,166,808 units, down from 1,439,381 units shipped during the same period in 2022. The year-to-date total for heat pump shipments decreased 2.5 percent, to 970,116, down from 994,692 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Mar 23 YTD	Mar 22 YTD	%CHG. (From 2022-2023)	Mar 21 YTD
Air Conditioners & Heat Pumps Combined Total	2,136,924	2,434,073	-12.2	2,248,729
Air Conditioners Only	1,166,808	1,439,381	-18.9	1,348,522
Heat Pumps Only	970,116	994,692	-2.5	900,207

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

Month			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	36,269	-15.2	38,824
16.5-21.9	113,961	+26.6	82,559
22-26.9	170,701	-10.1	184,332
27-32.9	137,152	-6.9	145,651
33-38.9	171,203	-14.8	199,034
39-43.9	54,872	-23.3	71,687
44-53.9	93,252	-8.1	102,667
54-64.9	76,139	-2.8	75,990
65-96.9	9,507	+19.6	8,707
97-134.9	6,668	+1.0	6,401
135-184.9	4,447	+7.2	3,850
185-249.9	1,491	-21.4	1,945
250-319.9	1,029	-40.0	1,972
320-379.9	253	-17.6	372
380-539.9	314	+4.0	397
540-639.9	292	-4.9	206
640-799.9	105	-18.0	132
800.0-899.9	49	-22.2	55
900.0-999.9	59	-21.3	81
1,000.0-1,199.9	43	-21.8	30
1,200.0 & Over	106	-12.4	139
TOTAL	877,912	-7.2	925,031

YTD			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	83,905	-24.1	103,106
16.5-21.9	270,580	+12.9	221,531
22-26.9	417,352	-11.3	455,665
27-32.9	331,501	-12.5	346,480
33-38.9	423,395	-18.0	466,045
39-43.9	135,615	-26.6	168,384
44-53.9	224,175	-15.6	246,359
54-64.9	190,346	-6.9	182,775
65-96.9	22,891	+3.9	21,434
97-134.9	16,302	-7.6	15,652
135-184.9	11,173	-1.5	9,458
185-249.9	3,737	-25.5	4,384
250-319.9	2,841	-35.3	4,233
320-379.9	666	-10.4	834
380-539.9	799	-0.4	846
540-639.9	703	-4.9	556
640 & Over	255	-15.8	335
800.0-899.9	152	-7.3	118
900.0-999.9	164	-10.9	189
1,000.0-1,199.9	109	+2.8	76
1,200.0 & Over	263	-15.2	269
TOTAL	2,136,924	-12.2	2,248,729

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.
- 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.
- 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.

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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.