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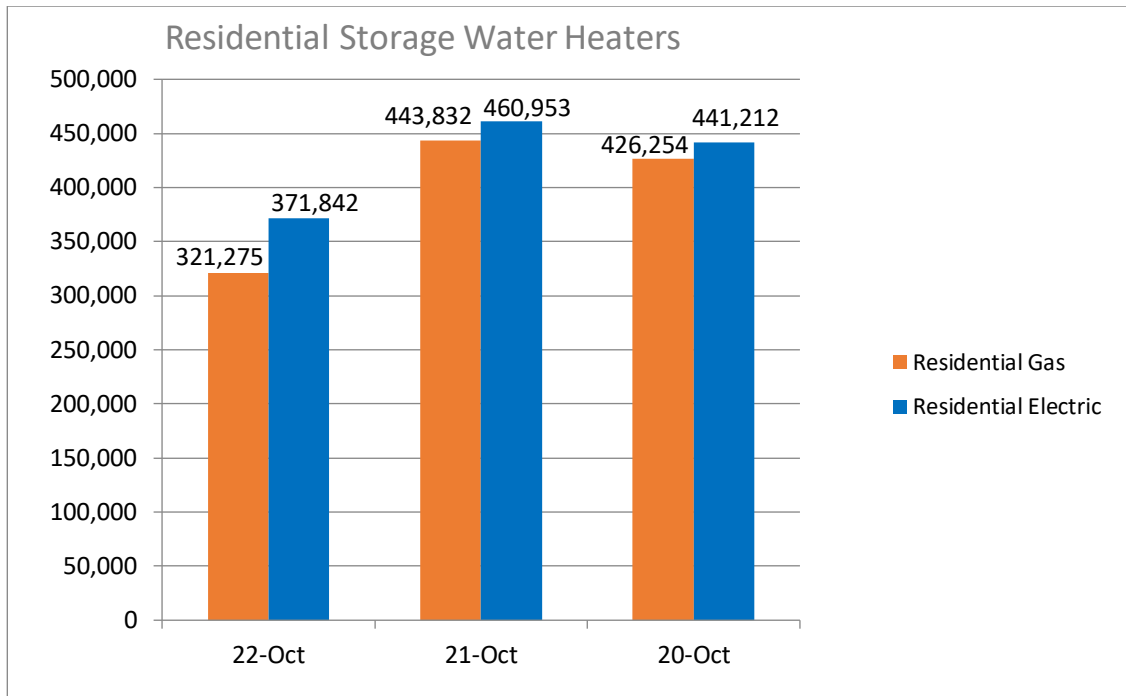
December 09, 2022
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*Public data is available in Excel format [here](#).
 Please see our FAQs [here](#).*

AHRI Releases October 2022 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for October 2022 decreased 27.6 percent, to 321,275 units, down from 443,832 units shipped in October 2021. Residential electric storage water heater shipments decreased 19.3 percent in October 2022 to 371,842 units, down from 460,953 units shipped in October 2021.

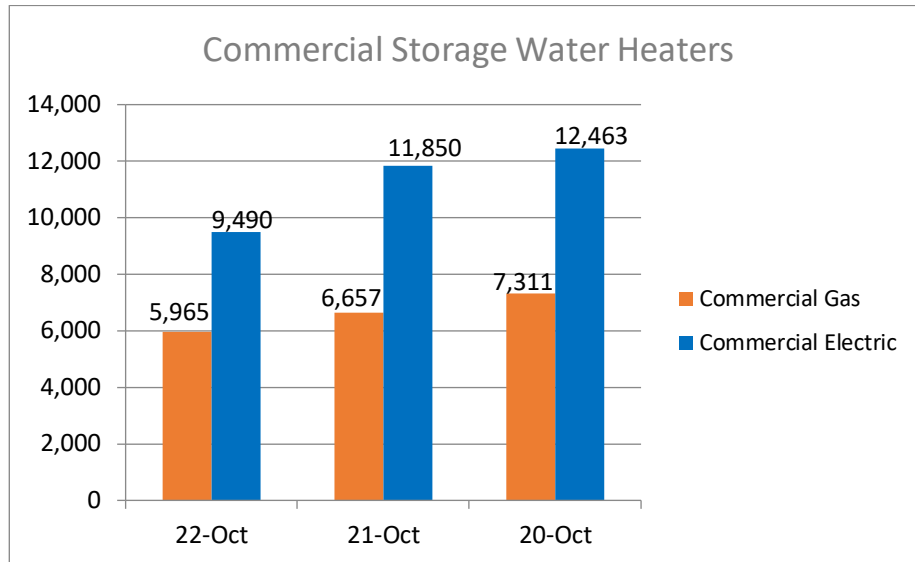


Year-to-date U.S. shipments of residential gas storage water heaters decreased 16.9 percent, to 3,432,944 compared to 4,130,982 shipped during that same period in 2021. Residential electric storage water heater shipments decreased 6.4 percent year-to-date, to 3,814,996 units, compared to 4,077,568 shipped during the same period in 2021.

<i>Year-to-Date</i>	Oct 22 YTD	Oct 21 YTD	%CHG. (From 2021-2022)	Oct 20 YTD
Residential Storage Gas	3,432,944	4,130,982	-16.9	3,803,921
Residential Storage Electric	3,814,996	4,077,568	-6.4	3,843,669

Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 10.4 percent in October 2022, to 5,965 units, down from 6,657 units shipped in October 2021. Commercial electric storage water heater shipments decreased 19.9 percent in October 2022, to 9,490 units, down from 11,850 units shipped in October 2021.

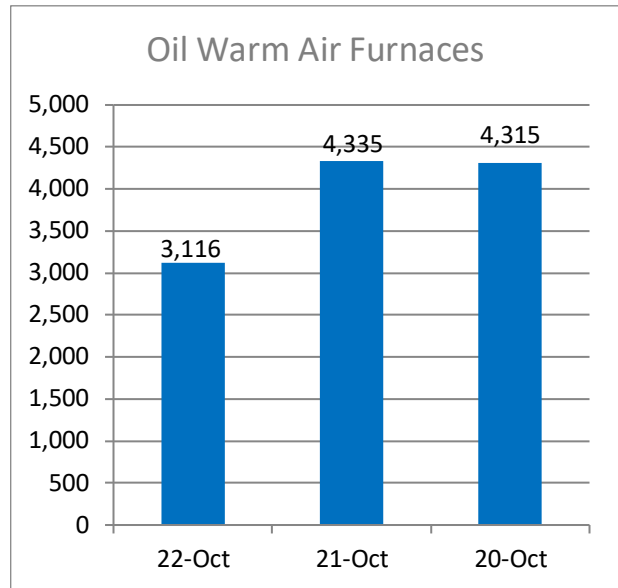
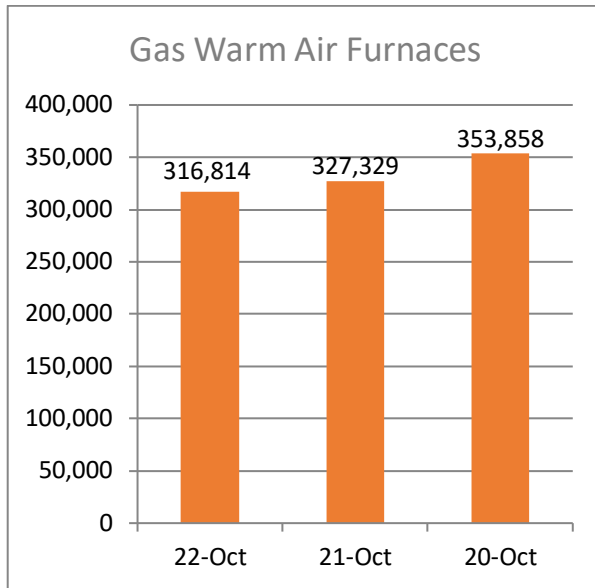


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 6.5 percent, to 70,913 units, compared with 75,851 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 22.5 percent, to 99,334 units, down from 128,225 units shipped during the same period in 2021.

<i>Year-to-Date</i>	Oct 22 YTD	Oct 21 YTD	%CHG. (From 2021-2022)	Oct 20 YTD
Commercial Storage Gas	70,913	75,851	-6.5	65,896
Commercial Storage Electric	99,334	128,225	-22.5	117,183

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for October 2022 decreased 3.2 percent, to 316,814 units, down from 327,329 units shipped in October 2021. Oil warm air furnace shipments decreased 28.1 percent, to 3,116 units in October 2022, down from 4,335 units shipped in October 2021.

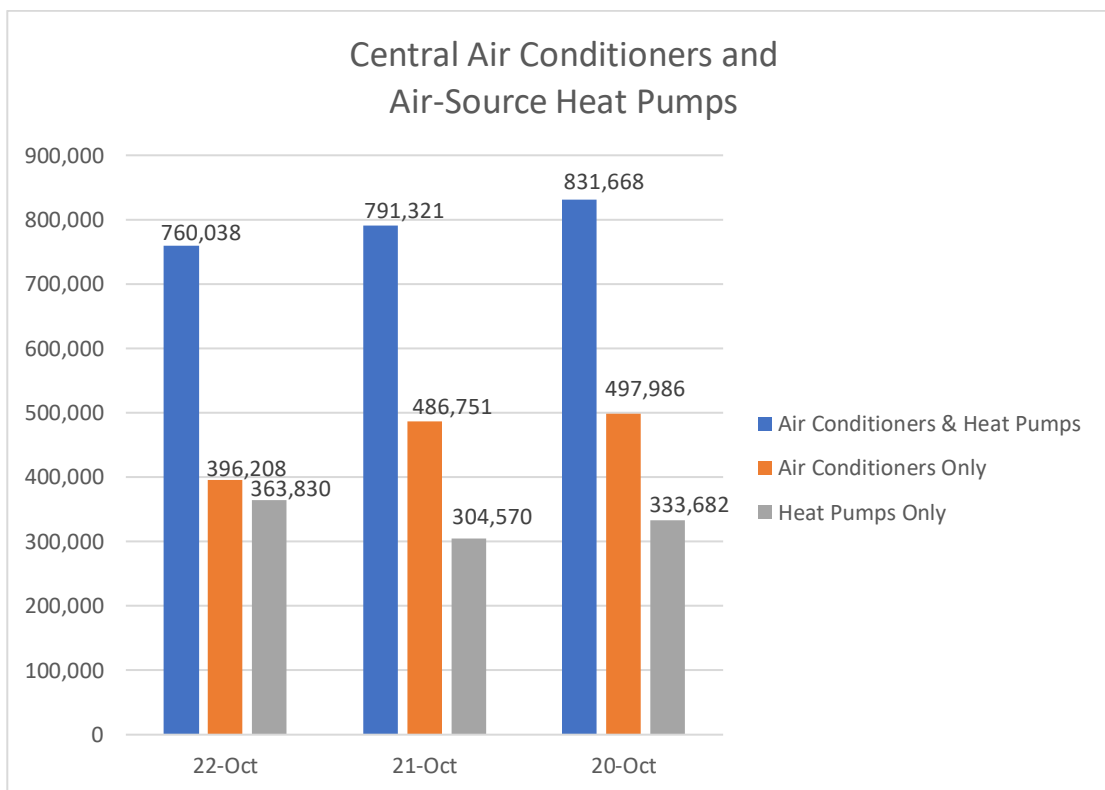


Year-to-date U.S. shipments of gas warm air furnaces decreased 0.7 percent, to 3,337,600 units, compared with 3,360,248 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 25.0 percent, to 23,668 units, compared with 31,541 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	Oct 22 YTD	Oct 21 YTD	%CHG. (From 2021-2022)	Oct 20 YTD
Gas Warm Air Furnaces	3,337,600	3,360,248	-0.7	2,683,667
Oil Warm Air Furnaces	23,668	31,541	-25.0	27,083

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 760,038 units in October 2022, down 4.0 percent from 791,321 units shipped in October 2021. U.S. shipments of air conditioners decreased 18.6 percent, to 396,208 units, down from 486,751 units shipped in October 2021. U.S. shipments of air-source heat pumps increased 19.5 percent, to 363,830 units, up from 304,570 units shipped in October 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 1.9 percent, to 9,074,709 units, up from 8,903,175 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners decreased 3.8 percent, to 5,335,871 units, down from 5,546,135 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 11.4 percent, to 3,738,838, up from 3,357,040 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	Oct 22 YTD	Oct 21 YTD	%CHG. (From 2021-2022)	Oct 20 YTD
Air Conditioners & Heat Pumps Combined Total	9,074,709	8,903,175	+1.9	8,170,621
Air Conditioners Only	5,335,871	5,546,135	-3.8	5,242,370
Heat Pumps Only	3,738,838	3,357,040	+11.4	2,928,251

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

Month			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	33,825	-8.3	40,991
16.5-21.9	101,047	+49.1	77,634
22-26.9	150,062	+4.6	151,315
27-32.9	101,545	-13.2	121,607
33-38.9	153,163	-10.9	178,033
39-43.9	54,904	-9.3	64,473
44-53.9	80,689	-12.7	97,729
54-64.9	61,399	-21.5	76,651
65-96.9	8,175	+3.7	7,937
97-134.9	6,071	-13.0	6,409
135-184.9	4,322	+13.6	3,998
185-249.9	2,042	+10.0	1,887
250-319.9	1,557	-0.1	1,794
320-379.9	324	+0.9	262
380-539.9	352	+3.8	380
540-639.9	270	+42.9	230
640-799.9	89	-18.3	104
800.0-899.9	31	-22.5	55
900.0-999.9	62	+19.2	53
1,000.0-1,199.9	33	-23.3	52
1,200.0 & Over	76	+46.2	74
TOTAL	760,038	-4.0	831,668

YTD			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	379,162	-6.0	307,215
16.5-21.9	917,130	+15.8	740,765
22-26.9	1,809,243	+1.8	1,611,489
27-32.9	1,390,149	-1.7	1,318,476
33-38.9	1,921,682	+0.2	1,754,359
39-43.9	670,471	+0.5	628,123
44-53.9	986,302	+2.8	908,458
54-64.9	765,368	+4.5	678,600
65-96.9	83,552	-2.3	78,931
97-134.9	66,251	-1.3	58,745
135-184.9	40,360	-4.6	39,706
185-249.9	18,706	+2.8	17,767
250-319.9	14,459	-6.9	14,491
320-379.9	2,840	-14.6	3,337
380-539.9	3,065	-4.5	3,473
540-639.9	2,568	+18.7	2,673
640 & Over	1,004	-11.0	1,174
800.0-899.9	531	+17.2	696
900.0-999.9	674	+13.3	744
1,000.0-1,199.9	353	-1.4	519
1,200.0 & Over	839	-5.3	880
TOTAL	9,074,709	+1.9	8,170,621

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>.

1. How do my colleagues subscribe to the report?

Go to <http://www.ahrinet.org/statistics> and click on Subscribe.

2. 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.

3. Do you provide U.S. data by state?

That data is not available publicly.

4. Is historical data available in Excel?

It is available monthly reflecting exactly the data presented in the monthly public release.

5. Can I purchase additional industry data from AHRI?

No, AHRI statistical data is not for sale.

6. 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.

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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.