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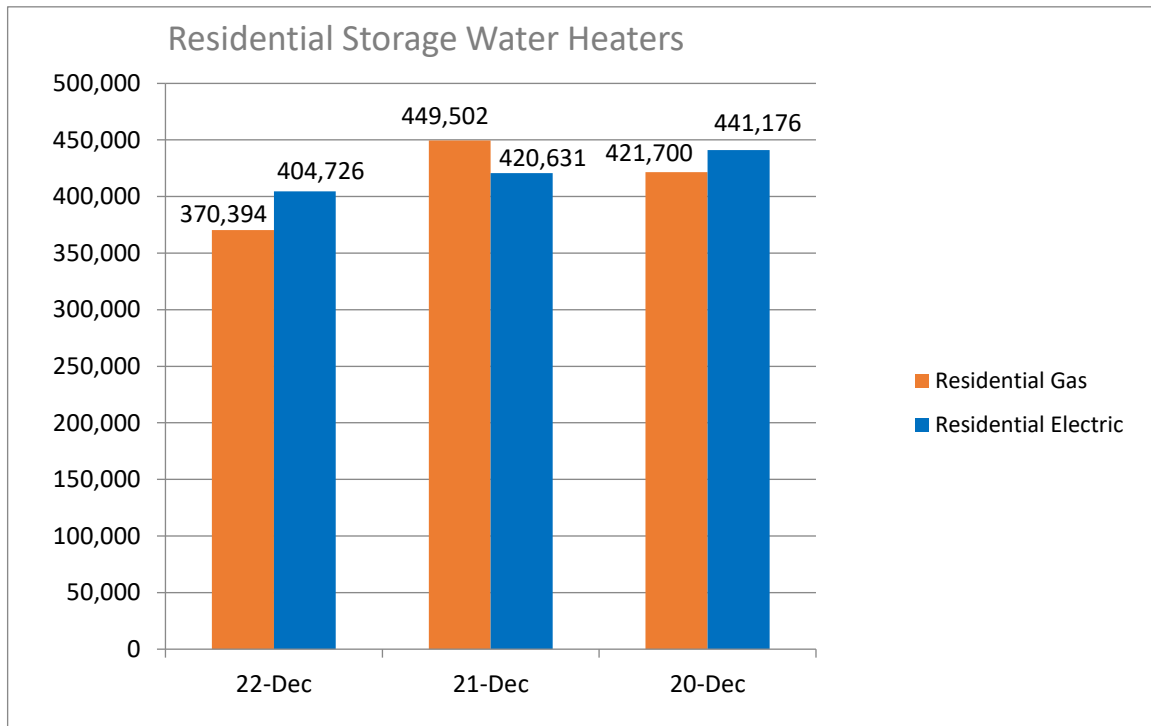
February 10, 2023  
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*Public data is available in Excel format [here](#).  
 Please see our FAQs [here](#).*

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

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for December 2022 decreased 17.6 percent, to 370,394 units, down from 449,502 units shipped in December 2021. Residential electric storage water heater shipments decreased 3.8 percent in December 2022 to 404,726 units, down from 420,631 units shipped in December 2021.

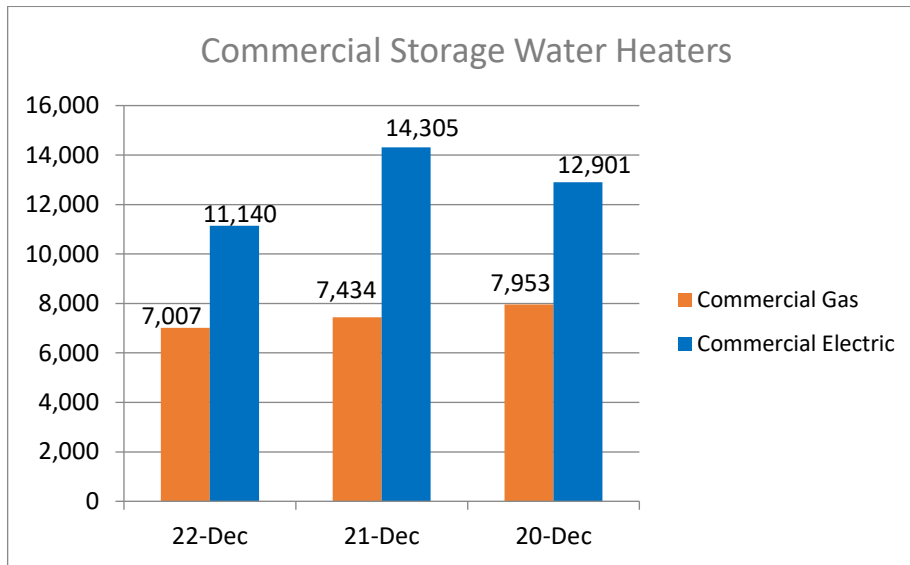


Year-to-date U.S. shipments of residential gas storage water heaters decreased 16.8 percent, to 4,131,205 compared to 4,967,079 shipped during that same period in 2021. Residential electric storage water heater shipments decreased 6.4 percent year-to-date, to 4,567,484 units, compared to 4,880,746 shipped during the same period in 2021.

<i>Year-to-Date</i>	Dec 22 YTD	Dec 21 YTD	%CHG. (From 2021-2022)	Dec 20 YTD
<b>Residential Storage Gas</b>	4,131,205	4,967,079	-16.8	4,584,367
<b>Residential Storage Electric</b>	4,567,484	4,880,746	-6.4	4,653,688

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 5.7 percent in December 2022, to 7,007 units, down from 7,434 units shipped in December 2021. Commercial electric storage water heater shipments decreased 22.1 percent in December 2022, to 11,140 units, down from 14,305 units shipped in December 2021.

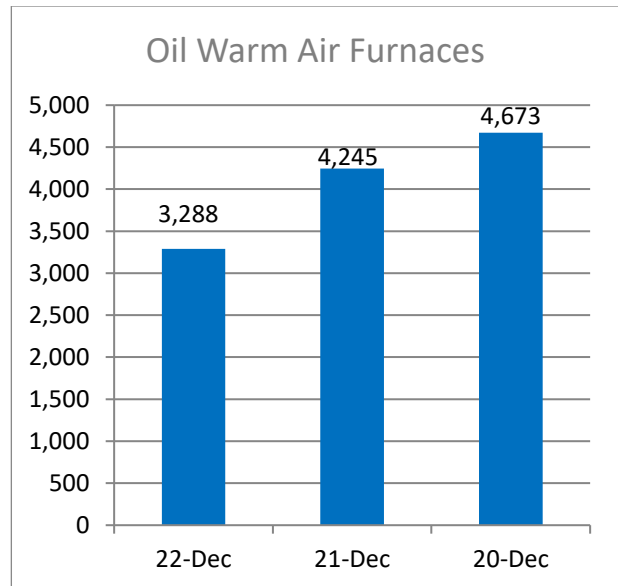
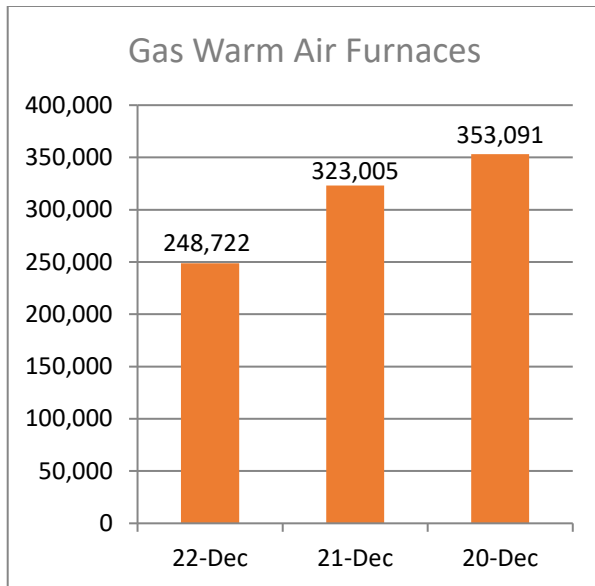


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 7.4 percent, to 83,487 units, compared with 90,192 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 22.1 percent, to 120,152 units, down from 154,330 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	<b>Dec 22 YTD</b>	<b>Dec 21 YTD</b>	<b>%CHG. (From 2021-2022)</b>	<b>Dec 20 YTD</b>
<b>Commercial Storage Gas</b>	83,487	90,192	-7.4	80,070
<b>Commercial Storage Electric</b>	120,152	154,330	-22.1	140,666

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for December 2022 decreased 23.0 percent, to 248,722 units, down from 323,005 units shipped in December 2021. Oil warm air furnace shipments decreased 22.5 percent, to 3,288 units in December 2022, down from 4,245 units shipped in December 2021.

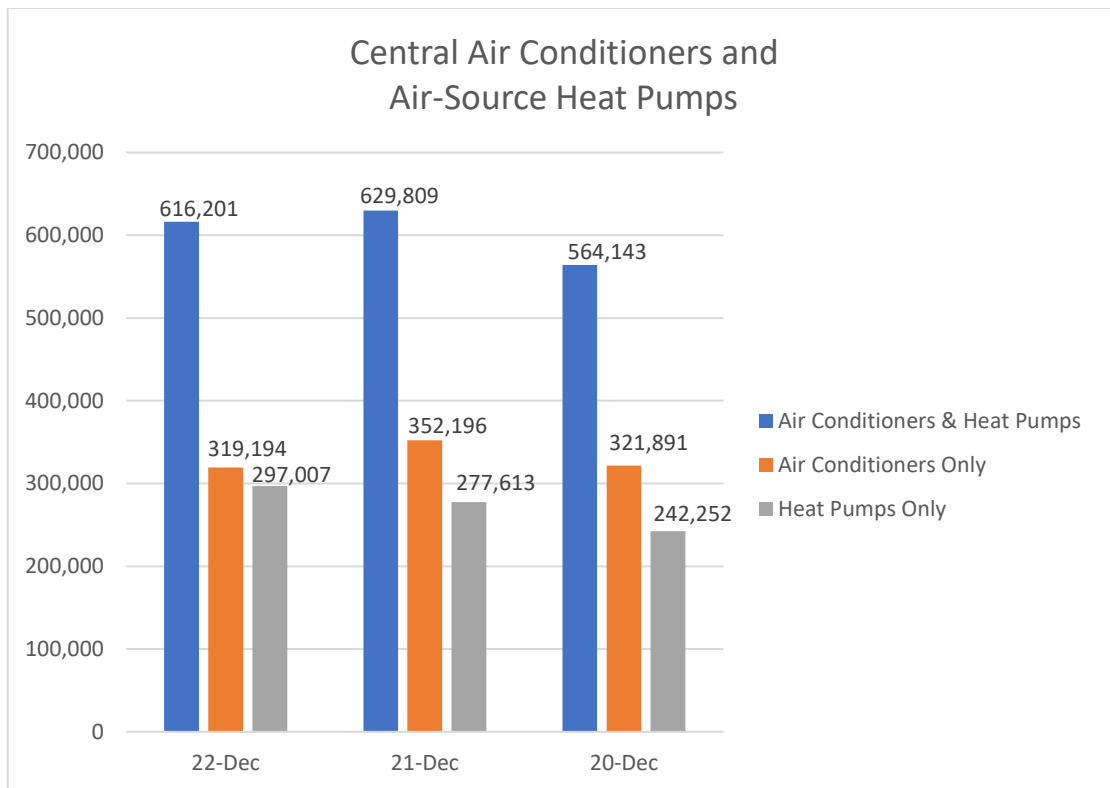


Year-to-date U.S. shipments of gas warm air furnaces decreased 3.4 percent, to 3,872,368 units, compared with 4,008,894 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 25.5 percent, to 29,470 units, compared with 39,548 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	<b>Dec 22 YTD</b>	<b>Dec 21 YTD</b>	<b>%CHG. (From 2021-2022)</b>	<b>Dec 20 YTD</b>
<b>Gas Warm Air Furnaces</b>	3,872,368	4,008,894	-3.4	3,351,176
<b>Oil Warm Air Furnaces</b>	29,470	39,548	-25.5	36,505

### Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 616,201 units in December 2022, down 2.2 percent from 629,809 units shipped in December 2021. U.S. shipments of air conditioners decreased 9.4 percent, to 319,194 units, down from 352,196 units shipped in December 2021. U.S. shipments of air-source heat pumps increased 7.0 percent, to 297,007 units, up from 277,613 units shipped in December 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 1.9 percent, to 10,388,054 units, up from 10,199,051 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners decreased 3.6 percent, to 6,053,575 units, down from 6,282,285 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 10.7 percent, to 4,334,479, up from 3,916,766 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	<b>Dec 22 YTD</b>	<b>Dec 21 YTD</b>	<b>%CHG. (From 2021-2022)</b>	<b>Dec 20 YTD</b>
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	10,388,054	10,199,051	+1.9	9,328,762
<b>Air Conditioners Only</b>	6,053,575	6,282,285	-3.6	5,910,284
<b>Heat Pumps Only</b>	4,334,479	3,916,766	+10.7	3,418,478

# 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	23,650	-25.4	24,970
16.5-21.9	84,216	+28.8	64,245
22-26.9	121,505	+5.6	108,574
27-32.9	90,890	+6.0	82,351
33-38.9	117,446	-7.7	108,752
39-43.9	41,052	-21.7	43,880
44-53.9	62,119	-14.8	60,321
54-64.9	51,543	-9.3	51,005
65-96.9	8,184	+0.1	7,197
97-134.9	6,184	+3.7	5,152
135-184.9	4,046	+8.1	3,699
185-249.9	2,277	+33.9	1,491
250-319.9	1,809	+14.0	1,323
320-379.9	301	-8.5	265
380-539.9	329	+4.1	336
540-639.9	323	+30.8	223
640-799.9	135	+14.4	122
800.0-899.9	55	+10.0	38
900.0-999.9	51	-16.4	56
1,000.0-1,199.9	37	-24.5	46
1,200.0 & Over	49	-53.3	97
<b>TOTAL</b>	<b>616,201</b>	<b>-2.2</b>	<b>564,143</b>

YTD			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	431,298	-8.5	357,759
16.5-21.9	1,087,140	+17.7	864,142
22-26.9	2,081,058	+3.5	1,830,740
27-32.9	1,579,556	-0.9	1,483,746
33-38.9	2,164,957	-0.5	1,984,554
39-43.9	756,074	-2.4	717,084
44-53.9	1,123,720	+1.3	1,040,749
54-64.9	881,728	+3.2	787,593
65-96.9	99,476	-1.7	92,770
97-134.9	78,446	-0.9	69,076
135-184.9	49,396	-1.1	46,644
185-249.9	23,190	+8.1	20,780
250-319.9	17,704	-4.2	17,257
320-379.9	3,415	-14.2	3,892
380-539.9	3,763	-3.3	4,141
540-639.9	3,093	+16.8	3,112
640 & Over	1,252	-6.3	1,408
800.0-899.9	619	+14.0	772
900.0-999.9	781	+8.0	867
1,000.0-1,199.9	417	-3.2	605
1,200.0 & Over	971	-9.1	1,071
<b>TOTAL</b>	<b>10,388,054</b>	<b>+1.9</b>	<b>9,328,762</b>

## 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.