



we make life better®

2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA  
 Phone 703 524 8800 | Fax 703 562 1942  
 www.ahrinet.org

September 09, 2022

Contact: [Adanna Le Gendre](#)

Phone: 703.600.0363

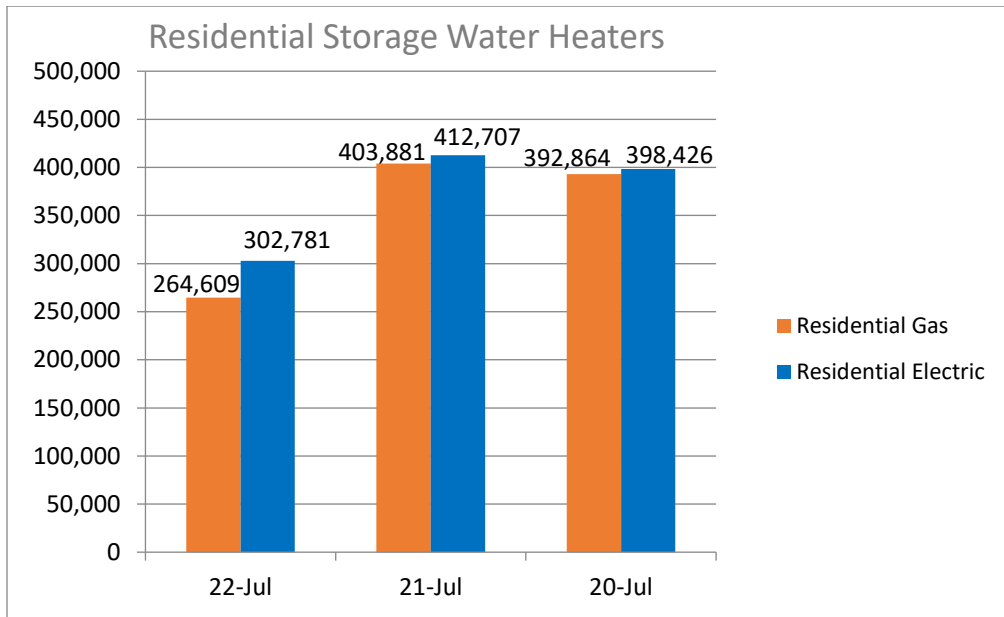
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for July 2022 decreased 34.5 percent, to 264,609 units, down from 403,881 units shipped in July 2021. Residential electric storage water heater shipments decreased 26.6 percent in July 2022 to 302,781 units, down from 412,707 units shipped in July 2021.

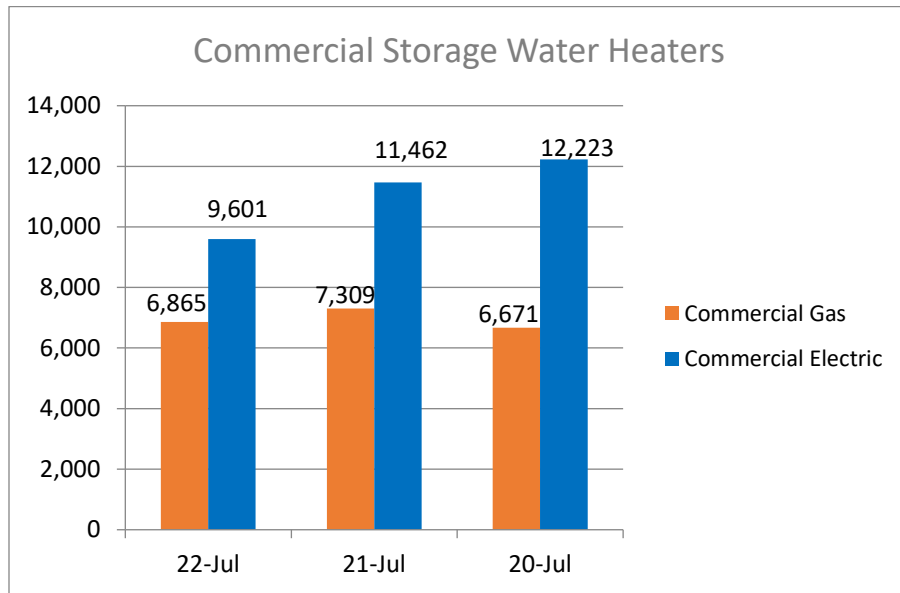


Year-to-date U.S. shipments of residential gas storage water heaters decreased 13.2 percent, to 2,497,130 compared to 2,875,653 shipped during that same period in 2021. Residential electric storage water heater shipments decreased 3.7 percent year-to-date, to 2,753,717 units, compared to 2,858,236 shipped during the same period in 2021.

Year-to-Date	Jul 22 YTD	Jul 21 YTD	%CHG. (From 2021-2022)	Jul 20 YTD
Residential Storage Gas	2,497,130	2,875,653	-13.2	2,610,644
Residential Storage Electric	2,753,717	2,858,236	-3.7	2,624,694

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 6.1 percent in July 2022, to 6,865 units, down from 7,309 units shipped in July 2021. Commercial electric storage water heater shipments decreased 16.2 percent in July 2022, to 9,601 units, down from 11,462 units shipped in July 2021.

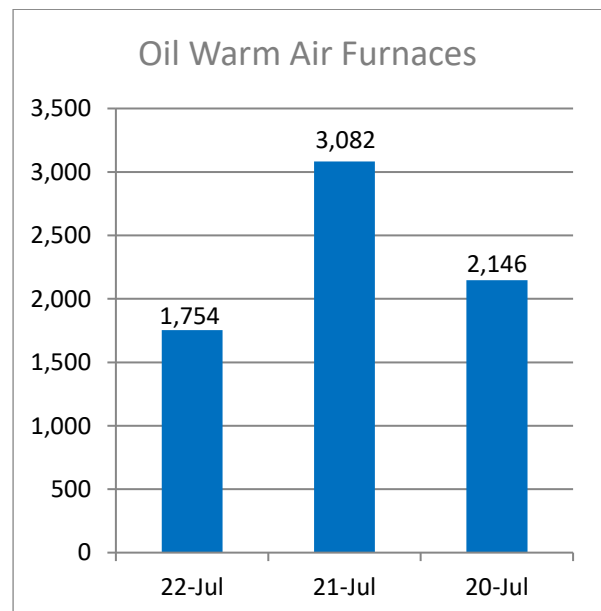
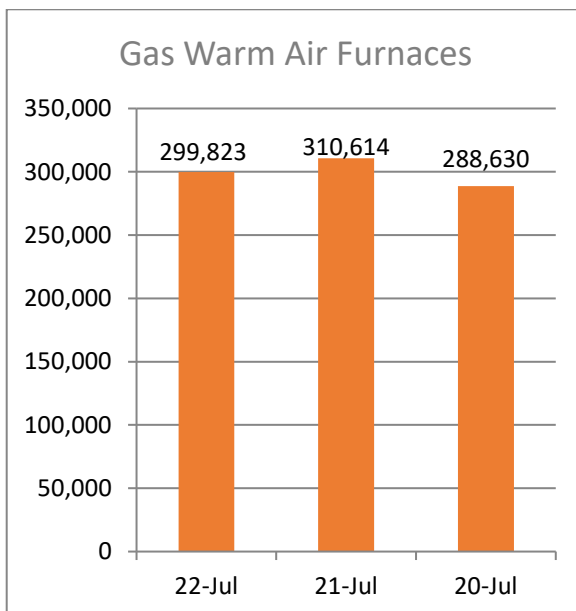


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 6.5 percent, to 50,367 units, compared with 53,858 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 23.0 percent, to 67,359 units, down from 87,473 units shipped during the same period in 2021.

<i>Year-to-Date</i>	Jul 22 YTD	Jul 21 YTD	%CHG. (From 2021-2022)	Jul 20 YTD
<b>Commercial Storage Gas</b>	50,367	53,858	-6.5	46,538
<b>Commercial Storage Electric</b>	67,359	87,473	-23.0	82,218

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for July 2022 decreased 3.5 percent, to 299,823 units, down from 310,614 units shipped in July 2021. Oil warm air furnace shipments decreased 43.1 percent, to 1,754 units in July 2022, down from 3,082 units shipped in July 2021.

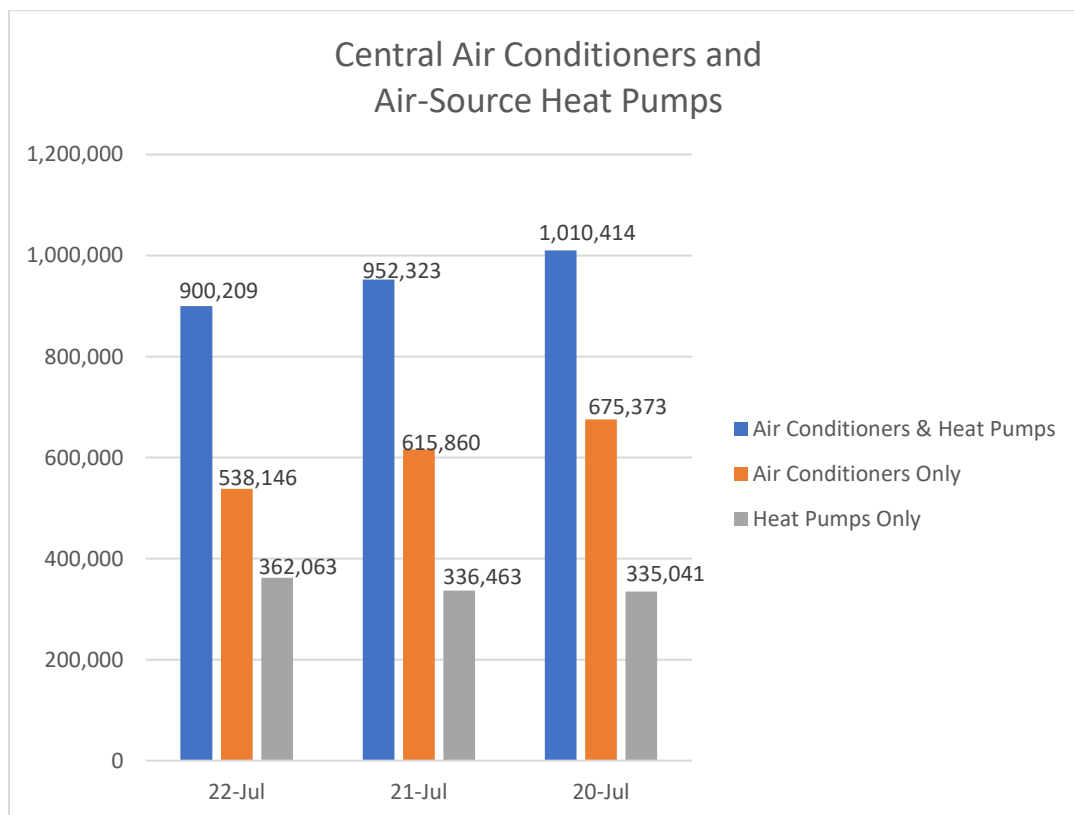


Year-to-date U.S. shipments of gas warm air furnaces decreased 1.8 percent, to 2,304,781 units, compared with 2,346,840 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 21.2 percent, to 15,309 units, compared with 19,424 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	<b>Jul 22 YTD</b>	<b>Jul 21 YTD</b>	<b>%CHG. (From 2021-2022)</b>	<b>Jul 20 YTD</b>
<b>Gas Warm Air Furnaces</b>	2,304,781	2,346,840	-1.8	1,657,185
<b>Oil Warm Air Furnaces</b>	15,309	19,424	-21.2	13,080

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

U.S. shipments of central air conditioners and air-source heat pumps totaled 900,209 units in July 2022, down 5.5 percent from 952,323 units shipped in July 2021. U.S. shipments of air conditioners decreased 12.6 percent, to 538,146 units, down from 615,860 units shipped in July 2021. U.S. shipments of air-source heat pumps increased 7.6 percent, to 362,063 units, up from 336,463 units shipped in July 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 2.5 percent, to 6,442,769 units, up from 6,282,749 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners decreased 0.4 percent, to 3,876,462 units, down from 3,892,236 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 7.4 percent, to 2,566,307, up from 2,390,513 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	<b>Jul 22 YTD</b>	<b>Jul 21 YTD</b>	<b>%CHG. (From 2021-2022)</b>	<b>Jul 20 YTD</b>
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	6,442,769	6,282,749	+2.5	5,486,285
<b>Air Conditioners Only</b>	3,876,462	3,892,236	-0.4	3,531,470
<b>Heat Pumps Only</b>	2,566,307	2,390,513	+7.4	1,954,815

## 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	36,412	-19.8	32,906
16.5-21.9	81,451	-1.0	81,543
22-26.9	183,179	-1.9	200,720
27-32.9	131,322	-14.4	168,543
33-38.9	193,918	-6.9	225,227
39-43.9	63,135	-12.0	79,726
44-53.9	102,020	+1.3	108,867
54-64.9	84,551	+8.2	84,482
65-96.9	9,009	+0.4	10,319
97-134.9	6,877	-4.6	7,496
135-184.9	4,141	-11.7	5,081
185-249.9	1,737	-10.2	2,118
250-319.9	1,257	-19.8	1,722
320-379.9	247	-30.0	468
380-539.9	366	-1.1	428
540-639.9	264	-1.1	290
640-799.9	107	-7.0	153
800.0-899.9	40	-2.4	82
900.0-999.9	69	+21.1	77
1,000.0-1,199.9	47	-13.0	42
1,200.0 & Over	60	-53.5	124
<b>TOTAL</b>	<b>900,209</b>	<b>-5.5</b>	<b>1,010,414</b>

### YTD

Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	264,871	-10.2	197,643
16.5-21.9	606,634	+6.0	500,739
22-26.9	1,284,499	+1.8	1,092,889
27-32.9	1,003,081	-0.2	890,880
33-38.9	1,381,757	+2.9	1,183,986
39-43.9	482,059	+2.8	418,230
44-53.9	712,646	+5.9	604,187
54-64.9	548,698	+10.1	447,122
65-96.9	56,531	-5.4	53,220
97-134.9	44,460	-2.5	39,119
135-184.9	27,125	-4.5	26,954
185-249.9	12,268	-1.0	12,076
250-319.9	10,044	-9.4	9,641
320-379.9	1,883	-15.8	2,408
380-539.9	2,055	-6.5	2,390
540-639.9	1,793	+18.3	1,897
640 & Over	715	-8.1	821
800.0-899.9	372	+28.7	527
900.0-999.9	438	+1.4	533
1,000.0-1,199.9	250	+3.7	360
1,200.0 & Over	590	-11.5	663
<b>TOTAL</b>	<b>6,442,769</b>	<b>+2.5</b>	<b>5,486,285</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.

###

### [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.