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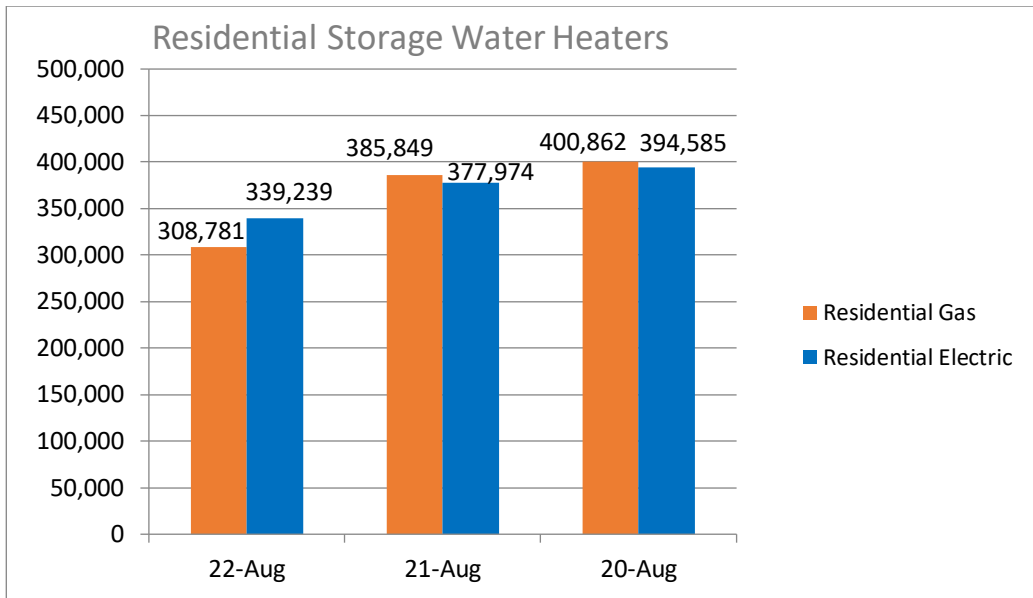
October 14, 2022
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*Public data is available in Excel format [here](#).
 Please see our FAQs [here](#).*

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for August 2022 decreased 20.0 percent, to 308,781 units, down from 385,849 units shipped in August 2021. Residential electric storage water heater shipments decreased 10.2 percent in August 2022 to 339,239 units, down from 377,974 units shipped in August 2021.

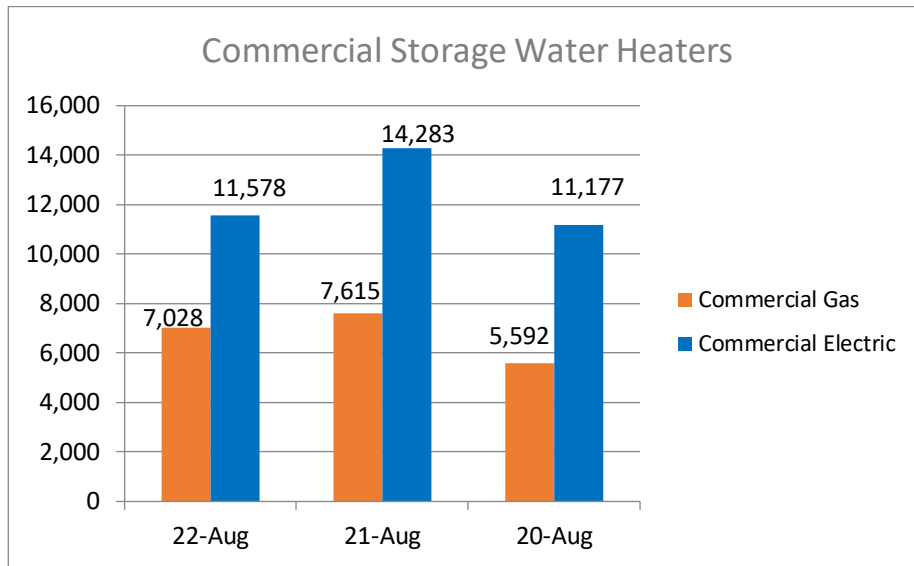


Year-to-date U.S. shipments of residential gas storage water heaters decreased 14.0 percent, to 2,805,911 compared to 3,261,502 shipped during that same period in 2021. Residential electric storage water heater shipments decreased 4.4 percent year-to-date, to 3,092,956 units, compared to 3,236,210 shipped during the same period in 2021.

Year-to-Date	Aug 22 YTD	Aug 21 YTD	%CHG. (From 2021-2022)	Aug 20 YTD
Residential Storage Gas	2,805,911	3,261,502	-14.0	3,011,506
Residential Storage Electric	3,092,956	3,236,210	-4.4	3,019,279

Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 7.7 percent in August 2022, to 7,028 units, down from 7,615 units shipped in August 2021. Commercial electric storage water heater shipments decreased 18.9 percent in August 2022, to 11,578 units, down from 14,283 units shipped in August 2021.

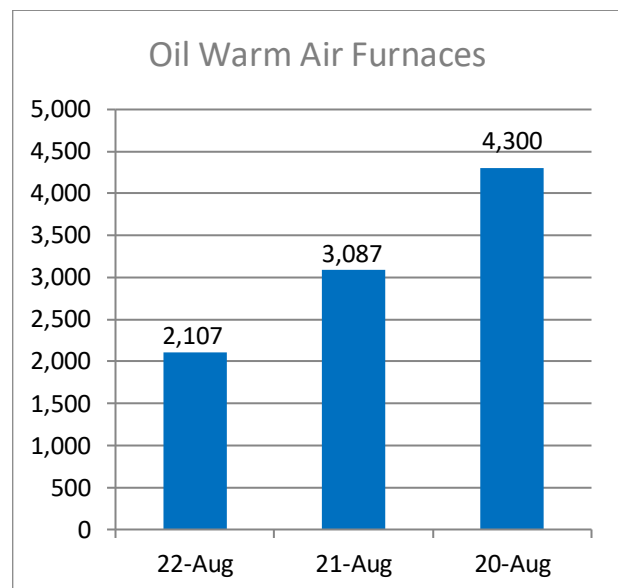
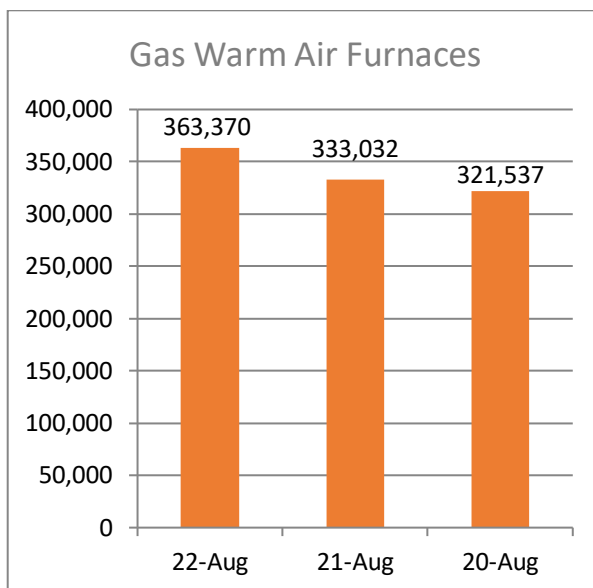


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 6.6 percent, to 57,395 units, compared with 61,473 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 22.4 percent, to 78,937 units, down from 101,756 units shipped during the same period in 2021.

<i>Year-to-Date</i>	Aug 22 YTD	Aug 21 YTD	%CHG. (From 2021-2022)	Aug 20 YTD
Commercial Storage Gas	57,395	61,473	-6.6	52,130
Commercial Storage Electric	78,937	101,756	-22.4	93,395

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for August 2022 increased 9.1 percent, to 363,370 units, up from 333,032 units shipped in August 2021. Oil warm air furnace shipments decreased 31.7 percent, to 2,107 units in August 2022, down from 3,087 units shipped in August 2021.

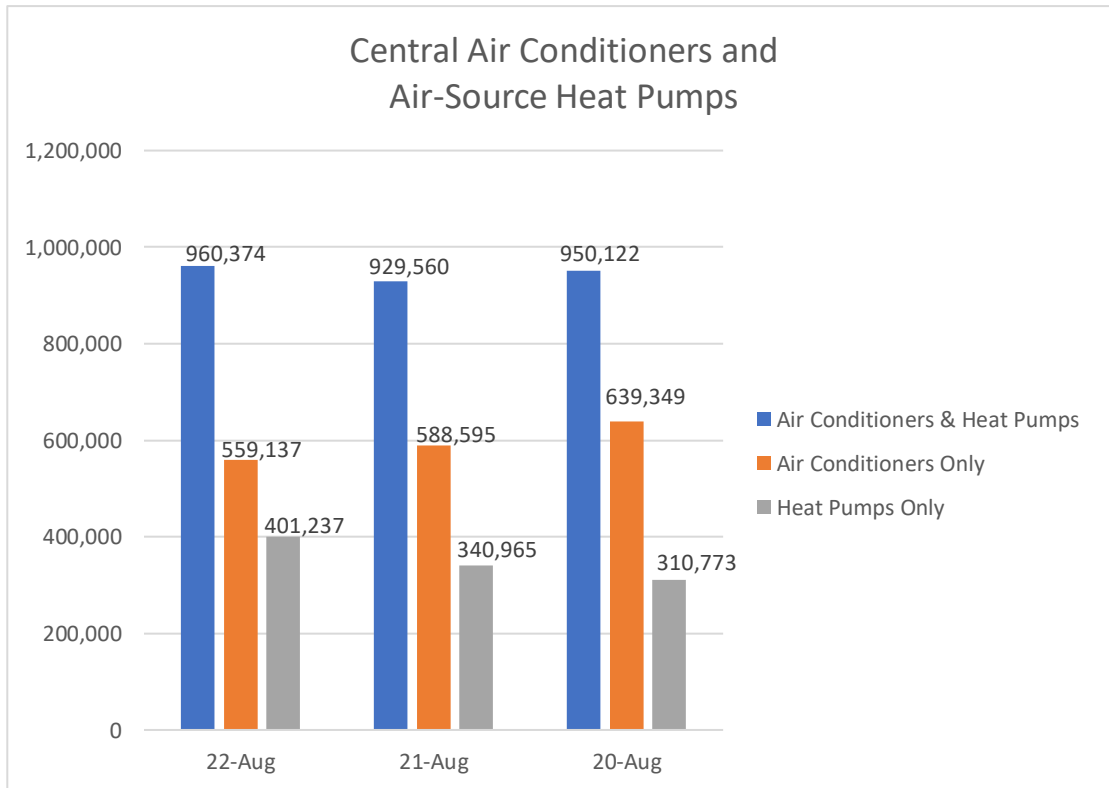


Year-to-date U.S. shipments of gas warm air furnaces decreased 0.4 percent, to 2,668,151 units, compared with 2,679,872 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 22.6 percent, to 17,416 units, compared with 22,511 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	Aug 22 YTD	Aug 21 YTD	%CHG. (From 2021-2022)	Aug 20 YTD
Gas Warm Air Furnaces	2,668,151	2,679,872	-0.4	1,978,722
Oil Warm Air Furnaces	17,416	22,511	-22.6	17,380

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 960,374 units in August 2022, up 3.3 percent from 929,560 units shipped in August 2021. U.S. shipments of air conditioners decreased 5.0 percent, to 559,137 units, down from 588,595 units shipped in August 2021. U.S. shipments of air-source heat pumps increased 17.7 percent, to 401,237 units, up from 340,965 units shipped in August 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 2.6 percent, to 7,403,143 units, up from 7,212,309 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners decreased 1.0 percent, to 4,435,599 units, down from 4,480,831 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 8.6 percent, to 2,967,544, up from 2,731,478 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	Aug 22 YTD	Aug 21 YTD	%CHG. (From 2021-2022)	Aug 20 YTD
Air Conditioners & Heat Pumps Combined Total	7,403,143	7,212,309	+2.6	6,436,407
Air Conditioners Only	4,435,599	4,480,831	-1.0	4,170,819
Heat Pumps Only	2,967,544	2,731,478	+8.6	2,265,588

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	40,144	+1.8	34,970
16.5-21.9	98,225	+19.2	75,450
22-26.9	200,566	+3.7	190,377
27-32.9	144,460	-3.1	159,559
33-38.9	198,773	+2.0	207,596
39-43.9	68,738	-2.6	73,835
44-53.9	99,893	+2.4	105,970
54-64.9	82,349	+10.1	76,557
65-96.9	10,131	+7.1	9,410
97-134.9	8,010	+0.9	7,030
135-184.9	4,476	-15.1	4,386
185-249.9	1,850	-6.1	1,978
250-319.9	1,414	-3.0	1,611
320-379.9	330	-9.8	332
380-539.9	348	+6.4	361
540-639.9	252	+27.3	295
640-799.9	103	-9.6	133
800.0-899.9	77	+54.0	53
900.0-999.9	103	+102.0	88
1,000.0-1,199.9	35	-16.7	54
1,200.0 & Over	97	-1.0	77
TOTAL	960,374	+3.3	950,122

YTD			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	305,015	-8.8	232,613
16.5-21.9	704,859	+7.7	576,189
22-26.9	1,485,065	+2.1	1,283,266
27-32.9	1,147,541	-0.6	1,050,439
33-38.9	1,580,530	+2.8	1,391,582
39-43.9	550,797	+2.1	492,065
44-53.9	812,539	+5.4	710,157
54-64.9	631,047	+10.1	523,679
65-96.9	66,662	-3.7	62,630
97-134.9	52,470	-2.0	46,149
135-184.9	31,601	-6.2	31,340
185-249.9	14,118	-1.7	14,054
250-319.9	11,458	-8.7	11,252
320-379.9	2,213	-15.0	2,740
380-539.9	2,403	-4.8	2,751
540-639.9	2,045	+19.3	2,192
640 & Over	818	-8.3	954
800.0-899.9	449	+32.4	580
900.0-999.9	541	+12.0	621
1,000.0-1,199.9	285	+0.7	414
1,200.0 & Over	687	-10.2	740
TOTAL	7,403,143	+2.6	6,436,407

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.