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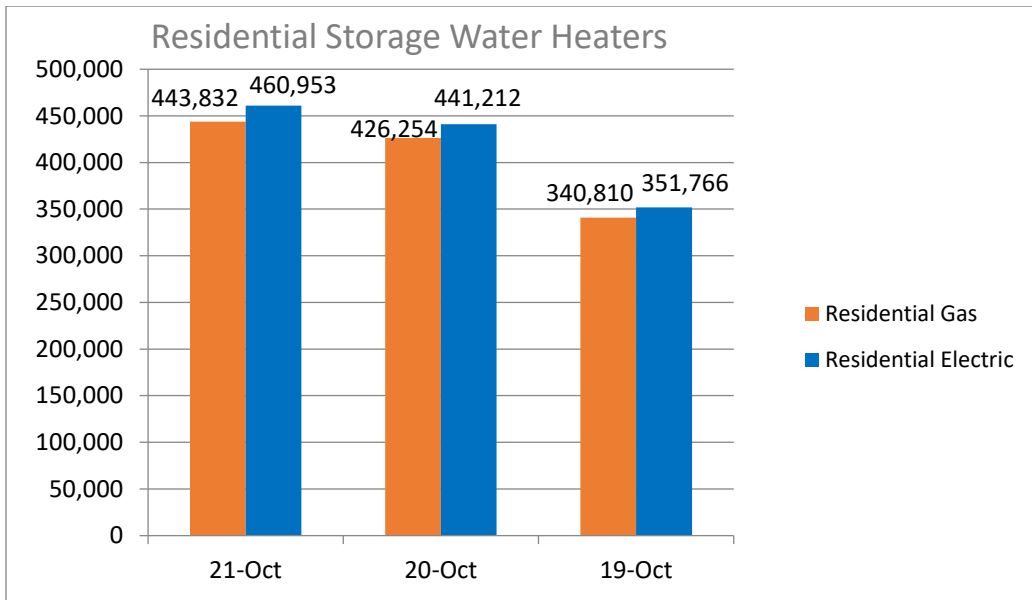
December 10, 2021  
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*Public data is available in Excel format [here](#).  
 Please see our FAQs [here](#).*

### AHRI Releases October 2021 U.S. Heating and Cooling Equipment Shipment Data

#### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for October 2021 increased 4.1 percent, to 443,832 units, up from 426,254 units shipped in October 2020. Residential electric storage water heater shipments increased 4.5 percent in October 2021 to 460,953 units, up from 441,212 units shipped in October 2020.

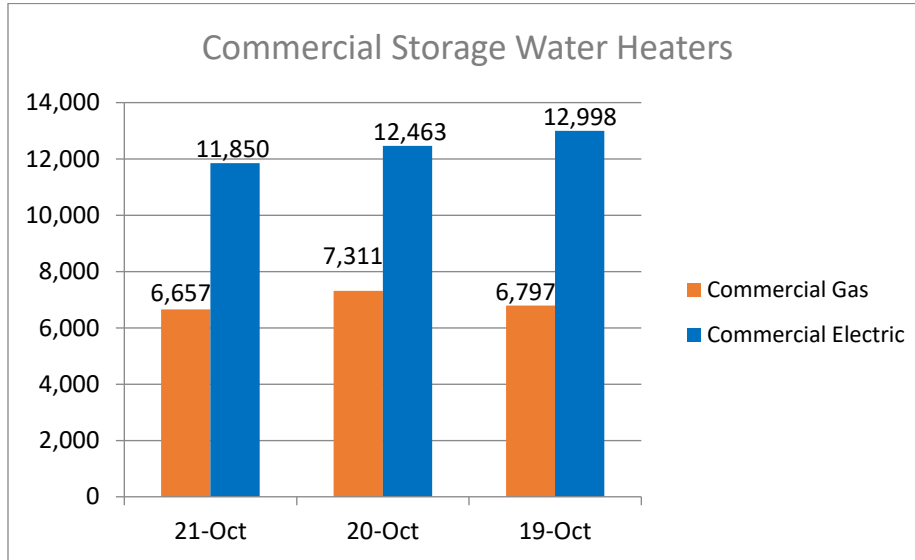


Year-to-date U.S. shipments of residential gas storage water heaters increased 8.6 percent, to 4,130,982 compared to 3,803,921 shipped during that same period in 2020. Residential electric storage water heater shipments increased 6.1 percent year-to-date, to 4,077,568 units, compared to 3,843,669 shipped during the same period in 2020.

Year-to-Date	Oct 21 YTD	Oct 20 YTD	%CHG. (From 2020-2021)	Oct 19 YTD
<b>Residential Storage Gas</b>	4,130,982	3,803,921	+8.6	3,628,973
<b>Residential Storage Electric</b>	4,077,568	3,843,669	+6.1	3,476,367

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 8.9 percent in October 2021, to 6,657 units, down from 7,311 units shipped in October 2020. Commercial electric storage water heater shipments decreased 4.9 percent in October 2021, to 11,850 units, down from 12,463 units shipped in October 2020.

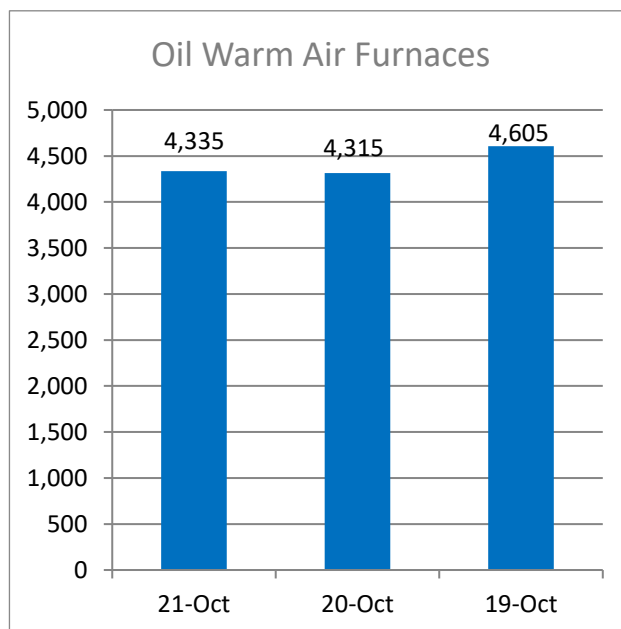
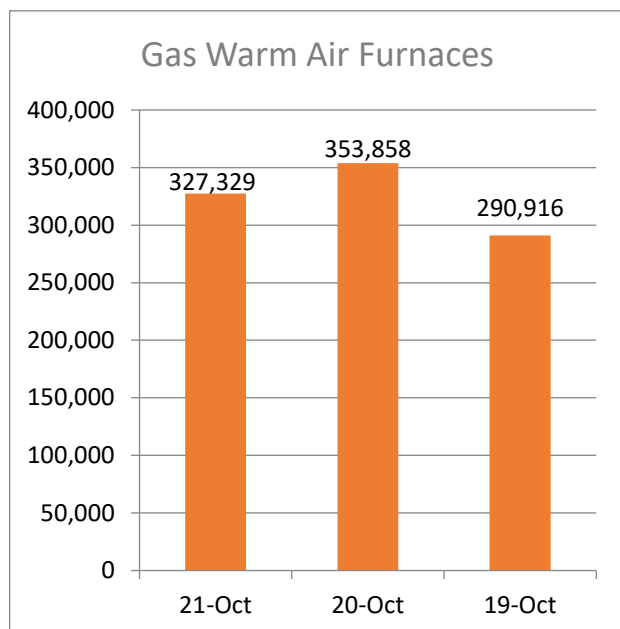


Year-to-date U.S. shipments of commercial gas storage water heaters increased 15.1 percent, to 75,851 units, compared with 65,896 units shipped during the same period in 2020. Year-to-date commercial electric storage water heater shipments increased 9.4 percent, to 128,225 units, up from 117,183 units shipped during the same period in 2020.

Year-to-Date	Oct 21 YTD	Oct 20 YTD	%CHG. (From 2020-2021)	Oct 19 YTD
<b>Commercial Storage Gas</b>	75,851	65,896	+15.1	75,156
<b>Commercial Storage Electric</b>	128,225	117,183	+9.4	127,588

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for October 2021 decreased 7.5 percent, to 327,329 units, down from 353,858 units shipped in October 2020. Oil warm air furnace shipments increased 0.5 percent, to 4,335 units in October 2021, up from 4,315 units shipped in October 2020.

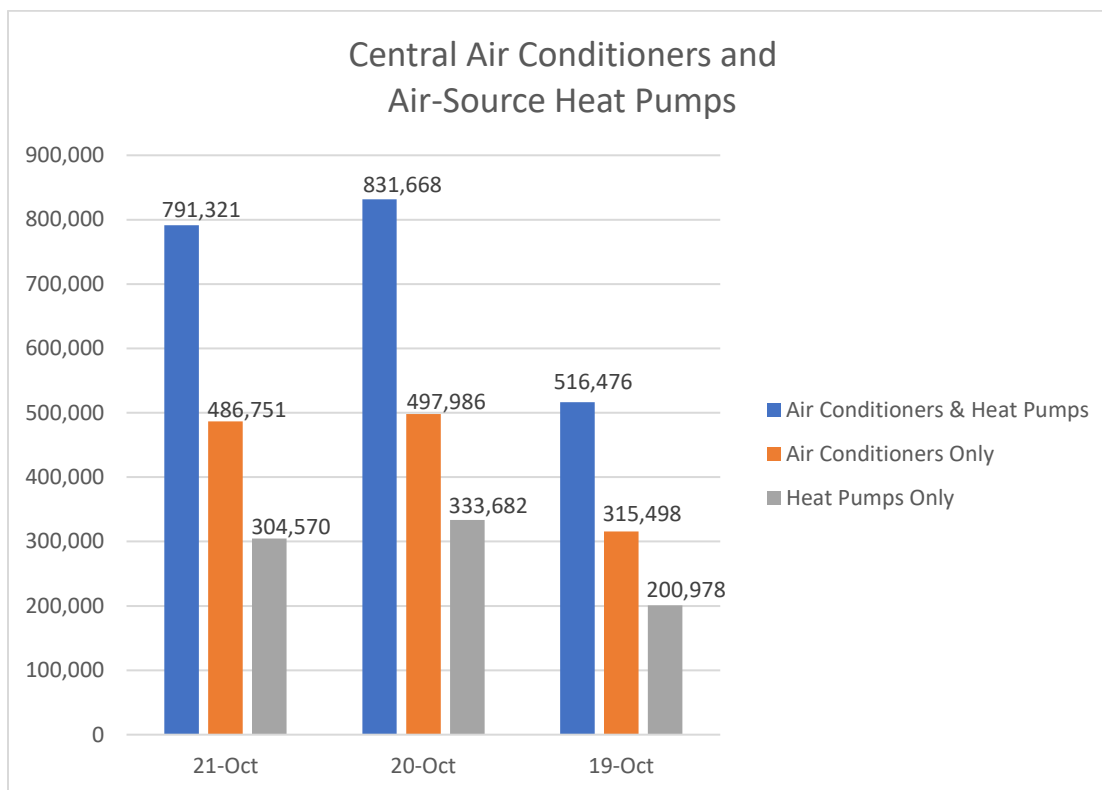


Year-to-date U.S. shipments of gas warm air furnaces increased 25.2 percent, to 3,360,248 units, compared with 2,683,667 units shipped during the same period in 2020. Year-to-date U.S. shipments of oil warm air furnaces increased 16.5 percent, to 31,541 units, compared with 27,083 units shipped during the same period in 2020.

Year-to-Date	Oct 21 YTD	Oct 20 YTD	%CHG. (From 2020-2021)	Oct 19 YTD
<b>Gas Warm Air Furnaces</b>	3,360,248	2,683,667	+25.2	2,869,603
<b>Oil Warm Air Furnaces</b>	31,541	27,083	+16.5	31,541

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

U.S. shipments of central air conditioners and air-source heat pumps totaled 791,321 units in October 2021, down 4.9 percent from 831,668 units shipped in October 2020. U.S. shipments of air conditioners decreased 2.3 percent, to 486,751 units, down from 497,986 units shipped in October 2020. U.S. shipments of air-source heat pumps decreased 8.7 percent, to 304,570 units, down from 333,682 units shipped in October 2020.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 9.0 percent, to 8,903,175 units, up from 8,170,621 units shipped during the same period in 2020. Year-to-date shipments of central air conditioners increased 5.8 percent, to 5,546,135 units, up from 5,242,370 units shipped during the same period in 2020. The year-to-date total for heat pump shipments increased 14.6 percent, to 3,357,040, up from 2,928,251 units shipped during the same period in 2020.

Year-to-Date	Oct 21 YTD	Oct 20 YTD	%CHG. (From 2020-2021)	Oct 19 YTD
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	8,903,175	8,170,621	+9.0	7,500,825
<b>Air Conditioners Only</b>	5,546,135	5,242,370	+5.8	4,788,093
<b>Heat Pumps Only</b>	3,357,040	2,928,251	+14.6	2,712,732

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

Month			
Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	36,888	-10.0	21,474
16.5-21.9	67,766	-12.7	49,843
22-26.9	143,399	-5.2	95,831
27-32.9	116,979	-3.8	74,173
33-38.9	171,849	-3.5	103,721
39-43.9	60,541	-6.1	39,040
44-53.9	92,414	-5.4	58,391
54-64.9	78,258	+2.1	49,785
65-96.9	7,887	-0.6	8,312
97-134.9	6,975	+8.8	6,394
135-184.9	3,804	-4.9	4,624
185-249.9	1,857	-1.6	2,145
250-319.9	1,559	-13.1	1,312
320-379.9	321	+22.5	357
380-539.9	339	-10.8	375
540-639.9	189	-17.8	263
640-799.9	109	+4.8	143
800.0-899.9	40	-27.3	75
900.0-999.9	52	-1.9	59
1,000.0-1,199.9	43	-17.3	42
1,200.0 & Over	52	-29.7	117
<b>TOTAL</b>	<b>791,321</b>	<b>-4.9</b>	<b>516,476</b>

YTD			
Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	403,210	+31.2	263,455
16.5-21.9	792,168	+6.9	645,437
22-26.9	1,776,551	+10.2	1,450,112
27-32.9	1,413,700	+7.2	1,183,060
33-38.9	1,917,685	+9.3	1,593,800
39-43.9	667,128	+6.2	579,918
44-53.9	959,643	+5.6	845,436
54-64.9	732,248	+7.9	674,217
65-96.9	85,560	+8.4	94,396
97-134.9	67,102	+14.2	72,379
135-184.9	42,326	+6.6	48,637
185-249.9	18,199	+2.4	21,844
250-319.9	15,537	+7.2	13,902
320-379.9	3,326	-0.3	3,468
380-539.9	3,209	-7.6	3,768
540-639.9	2,163	-19.1	2,677
640 & Over	1,128	-3.9	1,342
800.0-899.9	453	-34.9	691
900.0-999.9	595	-20.0	658
1,000.0-1,199.9	358	-31.0	446
1,200.0 & Over	886	+0.7	1,182
<b>TOTAL</b>	<b>8,903,175</b>	<b>+9.0</b>	<b>7,500,825</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 Statistics data are 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.