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2111 Wilson Boulevard Suite 500 Arlington VA 22201-3001 USA  
 Phone 703 524 8800 | Fax 703 562 1942  
 www.ahrinet.org

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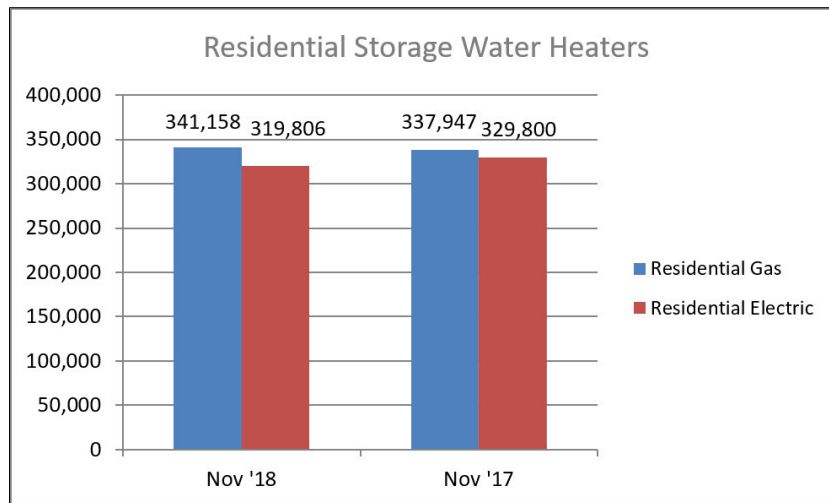
**Contact:** [Adam Carey](#), Communications Coordinator

**Phone:** 703.600.0310

## AHRI Releases November 2018 U.S. Heating and Cooling Equipment Shipment Data

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for November 2018 increased 1 percent, to 341,158 units, up from 337,947 units shipped in November 2017. Residential electric storage water heater shipments decreased 3 percent in November 2018 to 319,806 units, down from 329,800 units shipped in November 2017.

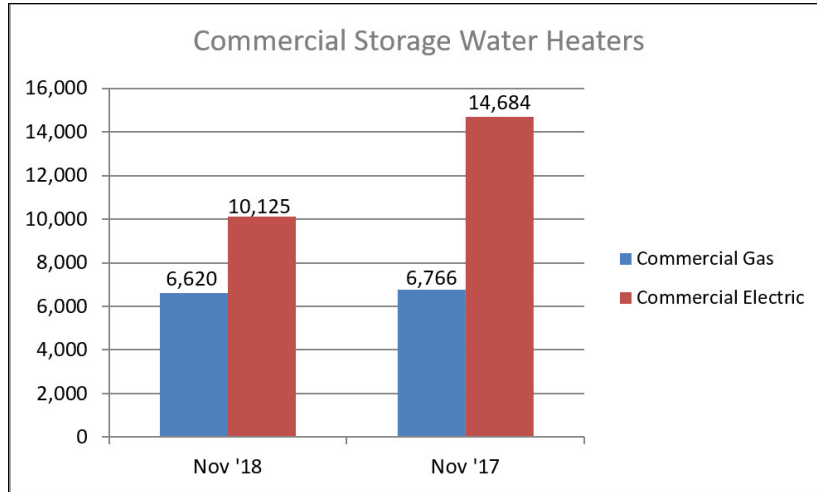


Year-to-date U.S. shipments of residential gas storage water heaters increased 3.5 percent, to 4,109,944, compared to 3,971,350 shipped during that same period in 2017. Residential electric storage water heater shipments increased 2.3 percent year-to-date, to 3,860,324 units, compared to 3,772,893 shipped during the same period in 2017.

<i>Year-to-Date</i>			
<b>Storage Water Heaters</b>	<b>Nov '18 YTD</b>	<b>Nov '17 YTD</b>	<b>%CHG.</b>
<b>Residential Storage Gas</b>	4,109,944	3,971,350	+3.5
<b>Residential Storage Electric</b>	3,860,324	3,772,893	+2.3

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 2.2 percent in November 2018, to 6,620 units, down from 6,766 units shipped in November 2017. Commercial electric storage water heater shipments decreased 31 percent in November 2018, to 10,125 units, down from 14,684 units shipped in November 2017.

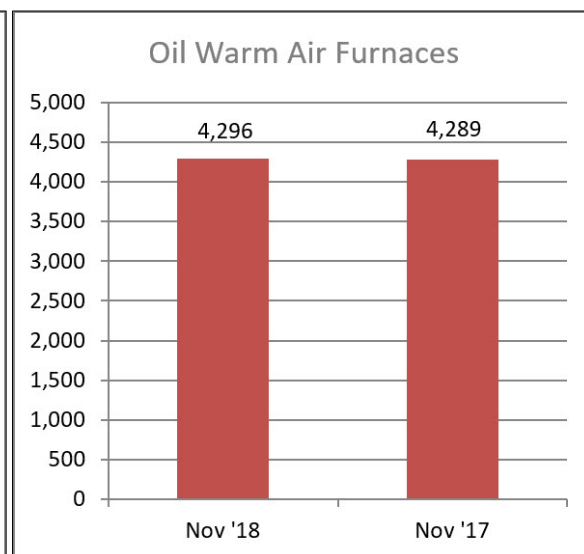
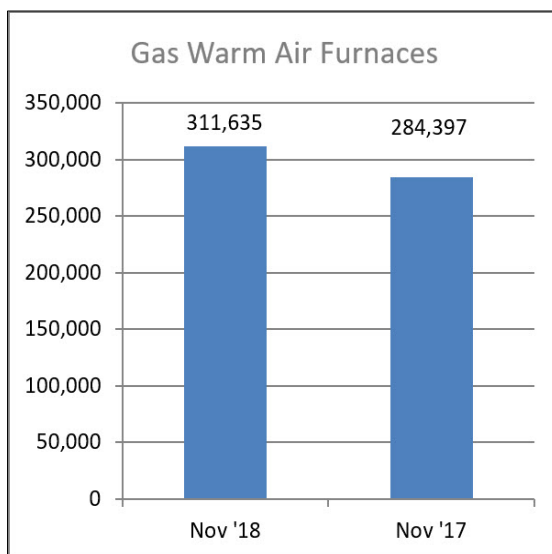


Year-to-date U.S. shipments of commercial gas storage water heaters increased 1.4 percent, to 86,294 units, compared with 85,121 units shipped during the same period in 2017. Year-to-date commercial electric storage water heater shipments decreased 10.3 percent, to 124,578 units, down from 138,914 units shipped during the same period in 2017.

<i>Year-to-Date</i>	Nov '18 YTD	Nov '17 YTD	%Chg.
<b>Commercial Storage Gas</b>	86,294	85,121	+1.4
<b>Commercial Storage Electric</b>	124,578	138,914	-10.3

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for November 2018 increased 9.6 percent, to 311,635 units, up from 284,397 units shipped in November 2017. Oil warm air furnace shipments increased 0.2 percent, to 4,296 units in November 2018, up from 4,289 units shipped in November 2017.

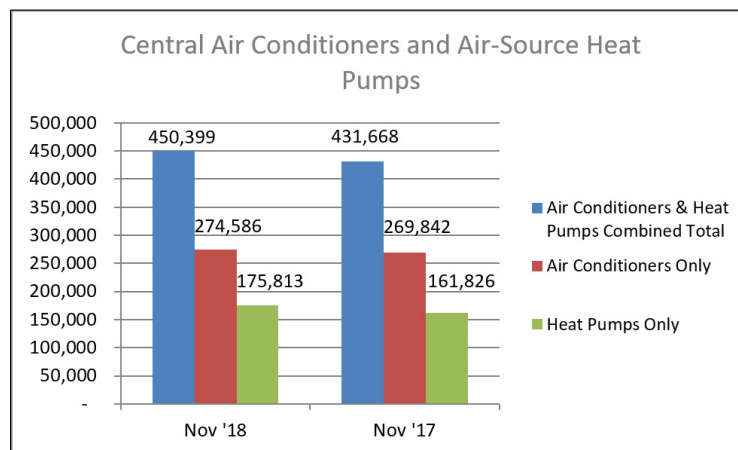


Year-to-date U.S. shipments of gas warm air furnaces increased 10.4 percent, to 3,116,118 units, compared with 2,823,080 units shipped during the same period in 2017. Year-to-date U.S. shipments of oil warm air furnaces increased 2.5 percent, to 33,342 units, compared with 32,538 units shipped during the same period in 2017.

<i>Year-to-Date</i>			
	<b>Nov '18 YTD</b>	<b>Nov '17 YTD</b>	<b>% Chg.</b>
<b>Gas Warm Air Furnaces</b>	3,116,118	2,823,080	+10.4
<b>Oil Warm Air Furnaces</b>	33,342	32,538	+2.5

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

U.S. shipments of central air conditioners and air-source heat pumps totaled 450,399 units in November 2018, up 4.3 percent from 431,668 units shipped in November 2017. U.S. shipments of air conditioners increased 1.8 percent, to 274,586 units, up from 269,842 units shipped in November 2017. U.S. shipments of air-source heat pumps increased 8.6 percent, to 175,813 units, up from 161,826 units shipped in November 2017.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 7 percent, to 7,848,276, up from 7,332,033 units shipped in November 2017. Year-to-date shipments of central air conditioners increased 4.4 percent, to 5,107,440 units, up from 4,891,764 units shipped during the same period in 2017. The year-to-date total for heat pump shipments increased 12.3 percent, to 2,740,836, up from 2,440,269 units shipped during the same period in 2017.

<i>Year-to-Date</i>			
	<b>Nov '18 YTD</b>	<b>Nov '17 YTD</b>	<b>% Chg.</b>
<b>Air Conditioners &amp; Heat Pumps</b>	7,848,276	7,332,033	+7.0
<b>Air Conditioners Only</b>	5,107,440	4,891,764	+4.4
<b>Heat Pumps Only</b>	2,740,836	2,440,269	+12.3

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

Month			YTD		
Size Description (000) BTUH	Total	% Change from 2017	Size Description (000) BTUH	Total	% Change from 2017
Under 16.5	14,637	17.1	Under 16.5	258,928	+22.9
16.5-21.9	41,250	-19.9	16.5-21.9	631,863	-29.0
22-26.9	85,250	10.5	22-26.9	1,491,364	+11.3
27-32.9	70,098	8.8	27-32.9	1,233,338	+12.4
33-38.9	93,783	8.9	33-38.9	1,678,619	+13.7
39-43.9	35,078	10.2	39-43.9	624,520	+13.4
44-53.9	49,458	7.0	44-53.9	912,103	+12.9
54-64.9	40,402	3.7	54-64.9	729,331	-9.7
65-96.9	7,255	-11.4	65-96.9	102,227	-0.8
97-134.9	4,952	-18.0	97-134.9	78,277	-1.8
135-184.9	4,052	-8.5	135-184.9	53,743	+0.1
185-249.9	1,578	-9.0	185-249.9	23,130	+0.2
250-319.9	1,185	0.3	250-319.9	15,524	+3.5
320-379.9	344	0.3	320-379.9	3,870	-1.6
380-539.9	346	6.5	380-539.9	3,949	-8.8
540-639.9	320	11.9	540-639.9	3,161	+3.9
640-799.9	141	12.8	640 & Over	1,350	-1.3
800.0-899.9	71	-20.2	800.0-899.9	755	+11.9
900.0-999.9	61	-3.2	900.0-999.9	817	+23.4
1,000.0-1,199.9	39	-37.1	1,000.0-1,199.9	475	+3.3
1,200.0 & Over	99	-3.9	1,200.0 & Over	932	+6.0
<b>TOTAL</b>	<b>450,399</b>	<b>4.3</b>	<b>TOTAL</b>	<b>7,848,276</b>	<b>+7.0</b>

BTUHs of 64.9 and below are for residential units; 65.0 and above for commercial.

NOTE: 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 general public other than that published. AHRI does not conduct any market forecasting and is not qualified to discuss market trends. For previous monthly shipment releases and historical data, please see <http://www.ahrinet.org/statistics>.

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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.