

## FORECASTS

### MAJOR HOME APPLIANCES – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	19,231.2	17,392.1	17,461.7
2	22,743.6	20,994.6	21,246.5
3	16,797.2	15,798.6	16,162.0
4	16,104.0	15,952.7	16,399.4

For 2008, a 6.3% decrease to 70.138 million units

For 2009, a 1.6% increase to 71.270 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### FLAT-PANEL (LCD and Plasma) TELEVISIONS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	2,849.4	3,547.5	4,469.9
2	4,509.4	6,002.0	7,022.4
3	5,395.1	6,447.1	7,014.5
4	7,255.1	8,931.0	9,940.2

For 2008, a 24.6% increase to 24.928 million units

For 2009, a 14.1% increase to 28.447 million units

Data Source: CEA Forecast Source: Delano Data Insights

### MICROWAVE OVENS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	2,934.2	2,547.5	2,550.0
2	2,906.1	2,844.8	2,870.4
3	2,809.3	2,720.0	2,785.2
4	3,201.7	3,172.9	3,268.1

For 2008, a 4.8% decrease to 11.285 million units

For 2009, a 1.7% increase to 11.474 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### RESIDENTIAL ELECTRIC WATER HEATERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	1,186.3	1,080.4	1,085.8
2	1,104.9	1,034.2	1,045.6
3	1,097.7	1,057.1	1,075.1
4	1,081.3	1,071.6	1,096.2

For 2008, a 5.1% decline to 4.243 million units

For 2009, a 1.4% increase to 4.303 million units

Data Source: AHRI Forecast Source: Delano Data Insights

### DISHWASHERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	1,689.6	1,505.0	1,488.4
2	1,813.3	1,563.6	1,566.7
3	1,795.8	1,641.4	1,659.4
4	1,678.1	1,631.1	1,667.0

For 2008, a 9.1% decline to 6.341 million units

For 2009, a 0.6% increase to 6.382 million units

Data Source: AHAM Forecast Source: Delano Data Insights

### ROOM AIR CONDITIONERS – Shipments (Thousands of Units)

Qtr:	2007	2008	2009
1	3,603.6	3,211.9	3,568.4
2	5,346.0	5,268.3	5,737.2
3	344.2	375.9	404.8
4	165.9	173.2	198.1

For 2008, a 4.6% decrease to 9.029 million units

For 2009, a 9.7% increase to 9.909 million units

Data Source: AHAM Forecast Source: Delano Data Insights

Note: All forecasts begin in Q3/2008

## SHIPMENTS

Product	June '08	June '07	% Chg.	6 Mos. '08	6 Mos. '07	% Chg.
<b>MAJOR APPLIANCES</b> (Thousands of Units)						
<b>TOTAL</b>	<b>8,221.5</b>	<b>7,975.6</b>	<b>3.1%</b>	<b>38,386.7</b>	<b>41,974.8</b>	<b>-8.5%</b>
<b>Cooking - Total</b>	<b>1,844.0</b>	<b>2,072.9</b>	<b>-11.0%</b>	<b>9,312.5</b>	<b>10,381.3</b>	<b>-10.3%</b>
Electric Cooking - Total	480.4	601.9	-20.2%	2,526.2	2,917.8	-13.4%
Surface Cooking Units	40.0	49.0	-18.3%	224.7	256.0	-12.2%
Gas Cooking - Total	265.7	318.1	-16.5%	1,394.0	1,623.2	-14.1%
Surface Cooking Units	39.4	50.4	-21.8%	204.2	249.4	-18.1%
Microwave Ovens	1,097.9	1,152.9	-4.8%	5,392.3	5,840.3	-7.7%
<b>Home Laundry - Total</b>	<b>1,561.1</b>	<b>1,642.4</b>	<b>-4.9%</b>	<b>7,923.1</b>	<b>8,416.1</b>	<b>-5.9%</b>
Automatic Washers	854.9	885.6	-3.5%	4,290.8	4,499.2	-4.6%
Dryers - Total	706.2	756.8	-6.7%	3,632.4	3,916.9	-7.3%
Electric	572.1	598.1	-4.3%	2,939.1	3,143.2	-6.5%
Gas	134.1	158.7	-15.5%	693.2	773.7	-10.4%
<b>Kitchen Clean Up - Total</b>	<b>1,185.6</b>	<b>1,317.7</b>	<b>-10.0%</b>	<b>5,952.3</b>	<b>6,705.1</b>	<b>-11.2%</b>
Disposers	589.5	605.4	-2.6%	2,843.0	3,149.7	-9.7%
Dishwashers - Total	588.2	701.7	-16.2%	3,068.6	3,502.9	-12.4%
Built-In	580.0	691.3	-16.1%	3,018.8	3,448.8	-12.5%
Portable	8.2	10.4	-21.6%	49.8	54.1	-7.9%
Compactors	7.9	10.6	-25.4%	40.7	52.5	-22.3%
<b>Food Preservation - Total</b>	<b>1,341.8</b>	<b>1,430.2</b>	<b>-6.2%</b>	<b>5,546.0</b>	<b>5,998.3</b>	<b>-7.5%</b>
Refrigerators	1,113.5	1,228.4	-9.3%	4,639.4	5,097.0	-9.0%
Freezers - Total	228.3	201.9	13.1%	906.6	901.3	0.6%
Chest	138.6	119.4	16.1%	549.7	559.5	-1.8%
Upright	89.7	82.5	8.8%	356.9	341.8	4.4%
<b>Home Comfort - Total</b>	<b>2,289.0</b>	<b>1,512.5</b>	<b>51.3%</b>	<b>9,652.7</b>	<b>10,474.0</b>	<b>-7.8%</b>
Room Air Conditioners	2,036.6	1,063.0	91.6%	8,480.2	8,949.6	-5.2%
Dehumidifiers	252.3	449.5	-43.9%	1,172.5	1,524.4	-23.1%

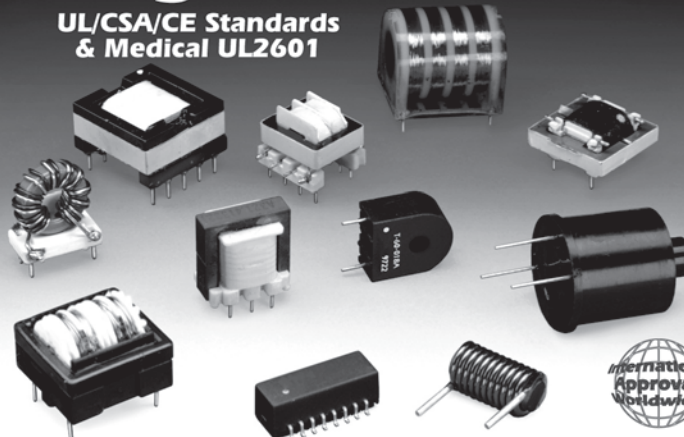
Note: Figures (in units) include shipments for the U.S. market whether imported or domestically produced. Export shipments are not included. Source: Association of Home Appliance Manufacturers (AHAM).

### HVAC

Shipment figures for unitary air conditioners, heat pumps, furnaces, and water heaters can be found at [www.ahrinet.org](http://www.ahrinet.org).

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