

# CEE Super-Efficient Home Appliances Initiative

## Clothes Washer Qualifying Product List

### June 16, 2008

The list is updated monthly. See the CEE website ([www.cee1.org](http://www.cee1.org)) for the most recent listing.

This list based on 2007 CEE Residential Clothes Washer Specifications

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#### Key

- Asterisks(\*) or a plus sign (+) indicate that a coding variable may be used in place of the asterisks to indicate a color or feature that does not affect washer efficiency
- *Red italics* indicate that a product is inactive.
- *Blue italics* indicate a US-only model.
- *Green italics* indicate a Canada-only model.
- Models shaded in GREY use Silver Ion Technology.
- ***Bold italics*** indicate the model is a combination washer and ventless dryer. CEE does not require test data for dryer performance and does not certify the efficiency of the dryer. NOTE: A "ventless" combination clothes washer/dryer is one that does not have a hose attached to an outside source to vent air in the drying process. "Ventless" models instead have a condensing dryer system. The condenser dryer system replaces the traditional dryer vent allowing the combo unit to be used in space-constrained locations, such as old apartments where venting is not available. In this system, as clothes are dried, the air warms and becomes moist. The warm saturated air is then run through a condenser unit, which is surrounded by cold water. The cold water lowers the temperature of the moist air, causing the water to condense into a tray. Estimates of cold water use over the condenser unit range from 2 to 12 gallons per load.
- MEF=Modified Energy Factor, a combination of Energy Factor and Remaining Moisture Content. MEF measures energy consumption of the total laundry cycle (washing and drying). It indicates how many cubic feet of laundry can be washed and dried with one kWh of electricity; the higher the number, the greater the efficiency.
- WF=Water Factor (number of gallons needed for each cubic foot of laundry). A lower number indicates lower consumption and more efficient use of water.
- Although all models on the CEE list are very efficient, the tiers are structured so the most efficient products are listed in the higher tiers. For example, Tier 3 would contain the most efficient models.

**CEE does not administer rebate programs. Consumers who have questions about filling out rebate forms should contact their local efficiency program administrator (often the local utility).**

# Tier 1

Modified Energy Factor (MEF) = 1.80, Water Factor (WF) = 7.5

BRAND	MODEL	MEF	WF	Tier	BRAND	MODEL	MEF	WF	Tier
Amana	NAH6800	1.90	7.20	1	Kenmore	4482*30	1.81	4.27	1
Amana	NFW7200TW	1.81	4.68	1	Kenmore	4483*20	1.81	4.27	1
Ariston	AW 120	1.92	5.00	1	Kenmore	4483*30	1.81	4.27	1
Ariston	AWD 120	1.90	5.00	1	Kenmore	4493*20	1.96	4.10	1
Asko	W6461	2.50	6.86	1	Kenmore	4493*30	1.96	4.10	1
Asko	W6661	1.84	7.48	1	Kenmore	4580****	1.99	4.34	1
Asko	W6761	1.84	7.48	1	Kenmore	4710*	1.83	7.26	1
Asko	<b>WCAM1812</b>	<b>2.50</b>	<b>7.48</b>	1	Kenmore	C4701*	1.81	7.13	1
<b>Bosch</b>	<b>WFL2060UC</b>	<b>2.03</b>	<b>6.23</b>	1	Kenmore	C4702*	1.81	7.13	1
Bosch	WFL2090UC	2.03	6.56	1	Kenmore	C4710*	1.83	7.26	1
<b>Brada</b>	<b>BFW36*</b>	<b>1.92</b>	<b>4.29</b>	1	Kenmore	C4711*	1.83	7.26	1
Crosley	CAH4205	1.90	7.20	1	Kenmore	C4712*	1.87	5.66	1
Crosley	CFW2000F	1.97	7.00	1	Kenmore	4492*30	1.96	4.10	1
Danby Designer	DWM5500W-1	1.80	6.63	1	KitchenAid	KHWS02R*+	1.84	4.27	1
Equator	EW 620	1.89	7.10	1	LG Electronics	<b>WD-327*RHD</b>	1.86	6.35	1
Equator	EZ 1720 V	1.89	7.10	1	LG Electronics	WM133#H*	1.96	5.46	1
Equator	EZ 3720 CEE	1.89	7.10	1	LG Electronics	WM1812C*	1.89	4.45	1
Equator	<b>EZ2512CEE</b>	<b>1.83</b>	<b>6.00</b>	1	LG Electronics	WM1814C*	1.89	4.45	1
Eurotech	<b>EWC177</b>	<b>2.50</b>	<b>7.48</b>	1	LG Electronics	WM1815C*	1.89	4.45	1
Eurotech	EW272EL	2.66	7.30	1	LG Electronics	WM2011H*	1.83	4.00	1
Fagor	FA-5812	2.07	6.73	1	LG Electronics	WM2411H*	1.87	3.99	1
Fagor	FA-5812X	2.07	6.73	1	LG Electronics	WM3431H*	1.96	5.15	1
<b>Fisher Paykel</b>	<b>GWL15</b>	<b>2.00</b>	<b>7.20</b>	1	LG Electronics	WM3611H*	1.87	3.99	1
Fisher Paykel	IWL 16	2.00	6.90	1	LG Electronics	WM3677H*	1.96	4.20	1
Fisher Paykel	WA37TG1	2.00	7.20	1	Maytag	MAH5500B**	1.90	7.20	1
Frigidaire	FTF2140E	1.82	5.64	1	Maytag	MAH55FLB	1.90	7.20	1
Frigidaire	FTF530F	1.97	7.00	1	Maytag	MAH6500**	1.90	7.20	1
Frigidaire	FTFB4000F	1.82	5.64	1	Maytag	MAH6700	1.81	4.68	1
Frigidaire	GLTF2940E	1.98	5.13	1	Maytag	MAH8700	1.83	4.07	1
Frigidaire	LTF2140E	1.82	5.64	1	Maytag	MAH9700	1.84	3.97	1
Frigidaire	LTF2940E	1.98	5.13	1	Maytag	MFW9600S#**	1.95	4.5	1
<b>Frigidaire</b>	<b>LTF530F</b>	<b>1.97</b>	<b>7.00</b>	1	Maytag	MTW6500T*+	1.98	6.91	1
<b>General Electric</b>	<b>GBVH6260FWW</b>	<b>1.82</b>	<b>4.22</b>	1	Maytag	MTW6600T*+	1.98	6.91	1
<b>General Electric</b>	<b>GCVH6260FWW</b>	<b>1.82</b>	<b>4.22</b>	1	Samsung	WF203***	1.92	4.29	1
<b>General Electric</b>	<b>WBVH6240F</b>	<b>1.82</b>	<b>4.22</b>	1	Samsung	WF-J1254	1.81	6.30	1
<b>General Electric</b>	<b>WCVH6260F</b>	<b>1.82</b>	<b>4.22</b>	1	Softline	<b>XQG 65-11</b>	1.85	5.70	1
<b>General Electric</b>	<b>WHDVH626F</b>	<b>1.82</b>	<b>4.22</b>	1	Speed Queen	ATSA5***	1.96	4.90	1
General Electric	WPGT9150H***	1.83	7.14	1	Splendide	WD 2000S	1.83	6.00	1
General Electric	WPGT9360E***	1.98	7.08	1	Splendide	<b>WDC 5200</b>	1.83	6.00	1
<b>General Electric</b>	<b>WSSH300G</b>	<b>1.82</b>	<b>5.64</b>	1	Splendide	<b>WDC 6200CEE</b>	1.92	5.00	1
<b>General Electric</b>	<b>WSXH208H</b>	<b>1.85</b>	<b>7.20</b>	1	Staber	HXW2304W03	1.85	6.75	1
<b>General Electric</b>	<b>WCXH208H</b>	<b>1.86</b>	<b>7.23</b>	1	Staber	HXW2404W03	1.85	6.75	1
Kenmore	2706*60+	2.00	6.77	1	Staber	HXW2504W03	1.85	6.75	1
Kenmore	2707*60+	2.00	6.77	1	Thor	<b>XQG 65-11</b>	1.85	5.70	1
Kenmore	2708*60+	2.00	6.77	1	Whirlpool	GHW9160P*	1.99	4.34	1
Kenmore	2709*60+	2.00	6.77	1	Whirlpool	GHW9250M*	1.92	4.30	1
Kenmore	4041*	1.83	7.26	1	Whirlpool	GHW9300P*+	1.95	4.38	1
Kenmore	4282*20	1.81	4.27	1	Whirlpool	WTW6400S*+	1.98	6.91	1
Kenmore	4292*20	1.96	4.10	1	Whirlpool	WTW6600S*+	1.98	6.87	1
Kenmore	4390*20+	1.96	4.10	1	<b>White Westinghouse</b>	<b>WTR430F</b>	<b>1.90</b>	<b>7.14</b>	<b>1</b>
Kenmore	4425*	1.99	4.90	1					

# Tier 2

**Modified Energy Factor (MEF) = 2.00, Water Factor (WF) = 6.0**

BRAND	MODEL	MEF	WF	Tier	BRAND	MODEL	MEF	WF	Tier
Ariston	AW129	2.25	5.96	2	Kenmore	4599*	2.19	4.02	2
Ariston	AW149	2.25	5.96	2	Kenmore	4646*50+	2.10	4.79	2
Asko	WL6511	2.04	4.00	2	Kenmore	4647*50+	2.10	4.79	2
Beaumarck	BTF1240F	2.00	5.38	2	Kenmore	4650*+	2.05	5.29	2
Beaumarck	BTF2140F	2.01	4.12	2	Kenmore	4650*70+	2.22	4.69	2
Bosch	WAS20160UC	2.14	4.53	2	Kenmore	4651*+	2.05	5.29	2
Bosch	WFMC2100UC	2.13	4.74	2	Kenmore	4754*60+	2.11	4.76	2
Bosch	WFMC4300UC	2.31	4.59	2	Kenmore	4810*	2.01	4.12	2
Bosch	WFR2460UC	2.08	5.73	2	Kenmore	4811*	2.01	4.12	2
Crosley	CFW4000F	2.01	4.12	2	Kenmore	C4706*	2.02	5.03	2
Crosley	CLCE900F	2.09	5.21	2	Kenmore	C4707*	2.01	4.12	2
Crosley	CLCG900F	2.09	5.21	2	Kenmore	C4717*	2.01	4.12	2
Equator	EZ1612VCEE	2.04	4.85	2	KitchenAid	KHWV01R*+	2.09	4.24	2
Equator	EZ3612CEE	2.04	4.85	2	LG Electronics	CW2079CW*	2.21	5.54	2
Fisher & Paykel	WL26CW1	2.05	5.96	2	LG Electronics	W0532H*	2.04	4.15	2
Fisher & Paykel	WL26CW2	2.15	5.79	2	LG Electronics	WD-1274FHB	2.02	5.21	2
Fisher & Paykel	WL37T26*	2.15	5.79	2	LG Electronics	WD-324*RHD	2.10	5.04	2
Frigidaire	ATF6000E	2.04	5.25	2	LG Electronics	WM0532H*	2.01	4.20	2
Frigidaire	ATF6500F	2.04	5.25	2	LG Electronics	WM1832C*	2.09	4.02	2
Frigidaire	ATF7000E	2.01	5.10	2	LG Electronics	WM2032H*	2.04	4.02	2
Frigidaire	ATFB6000E	2.04	5.25	2	LG Electronics	WM2432H*	2.08	4.13	2
Frigidaire	ATFB7000E	2.01	5.10	2	LG Electronics	WM3632H*	2.08	4.13	2
Frigidaire	FTF2140F	2.01	4.12	2	Maytag	MFW9700S*+	2.15	4.28	2
Frigidaire	FTFB4000G	2.01	4.12	2	Maytag	MFW9700T*+	2.15	4.28	2
Frigidaire	GLEH1642F	2.09	5.21	2	Maytag	MFW9800T*+	2.15	4.28	2
Frigidaire	GLGH1642F	2.09	5.21	2	Maytag	MTW6700T**	2.11	5.55	2
Frigidaire	GLTF1570F	2.00	5.38	2	Miele	W1113	2.11	4.49	2
Frigidaire	GLTR1670F	2.00	5.38	2	Miele	W1119	2.11	4.49	2
Frigidaire	LTF2140F	2.01	4.12	2	Miele	W1203	2.04	4.35	2
Frigidaire	LTF6000E	2.04	5.25	2	Miele	W1213	2.04	4.35	2
Frigidaire	LTF7000E	2.01	5.10	2	Miele	W1215	2.04	4.35	2
GE Camco	GCRH410H	2.01	4.12	2	Samsung	WF206***	2.01	3.89	2
General Electric	WBVH5100H	2.09	4.31	2	Samsung	WF306*A*	2.01	3.89	2
General Electric	GBVH5140	2.09	4.30	2	Samsung	WF306BHW	2.01	3.90	2
General Electric	GCVH6260HWW	2.09	4.20	2	Samsung	WF306LAW	2.01	3.89	2
General Electric	GCVH6600HWW	2.07	4.10	2	Samsung	WF316***	2.01	3.89	2
General Electric	GHDVH626	2.09	4.20	2	Samsung	WF317	2.01	3.89	2
General Electric	GHDVH670	2.07	4.10	2	Samsung	WF326LAS	2.01	3.86	2
General Electric	WBVH6240H	2.09	4.19	2	Samsung	WF326LAW	2.06	3.86	2
General Electric	WCVH6260H	2.09	4.19	2	Siemens	WM10S160UC	2.14	4.53	2
General Electric	WCVH6600H	2.07	4.11	2	Siemens	WFXD5200UC	2.10	5.30	2
General Electric	WCXH214H	2.00	5.38	2	Speed Queen	ATSA0***	2.04	4.90	2
General Electric	WHDVH626H	2.09	4.19	2	Speed Queen	CTSA0***	2.04	4.90	2
General Electric	WHDVH660H	2.07	4.11	2	Speed Queen	CTSA7***	2.04	4.90	2
Gibson	GTF1040F	2.00	5.38	2	Speed Queen	CTSA9***	2.04	4.90	2
Kenmore	2808*70+	2.19	5.36	2	Splendide	WD2100	2.04	4.85	2
Kenmore	2809*70+	2.19	5.36	2	Whirlpool	GHW9150P*	2.03	4.14	2
Kenmore	4407*	2.07	5.87	2	Whirlpool	GHW9400P*	2.04	4.15	2
Kenmore	4409*	2.00	4.74	2	Whirlpool	GHW9400S*+	2.04	4.26	2
Kenmore	4508*40+	2.19	4.02	2	Whirlpool	GHW9460P*	2.03	4.14	2
Kenmore	4509*40+	2.19	4.02	2	Whirlpool	LHW0050PQ**	2.79	6.00	2
Kenmore	4586*	2.03	4.31	2	Whirlpool	WFC7500V*+	2.05	5.77	2
Kenmore	4587*	2.03	4.31	2	Whirlpool	WFW8200T*+	2.24	4.48	2
Kenmore	4596*	2.03	4.32	2	Whirlpool	WFW8410S*+	2.37	4.51	2
Kenmore	4597*	2.03	4.32	2	Whirlpool	WTW6700T*+	2.11	5.55	2
Kenmore	4598*	2.19	4.02	2					

# Tier 3

**Modified Energy Factor (MEF) = 2.20, Water Factor (WF) = 4.5**

BRAND	MODEL	MEF	WF	Tier	BRAND	MODEL	MEF	WF	Tier
Asko	W6022	2.30	3.40	3	Kenmore	4779*70+	2.59	3.86	3
Asko	W6222	2.30	3.40	3	Kenmore	4785*60+	2.22	4.18	3
Asko	W6903FI	2.40	4.16	3	Kenmore	4788*60+	2.22	4.18	3
Bosch	WAS24460UC	2.22	4.53	3	Kenmore	4789*60+	2.22	4.18	3
<i>Bosch</i>	<i>WFMC1001UC</i>	<i>2.24</i>	<i>4.31</i>	3	Kenmore	4996#60**	2.22	4.18	3
Bosch	WFMC220*UC	2.43	4.34	3	Kenmore	4997#60**	2.22	4.18	3
<i>Bosch</i>	<i>WFMC330*UC</i>	<i>2.40</i>	<i>4.24</i>	3	<i>Kenmore</i>	<i>C4709*</i>	<i>2.20</i>	<i>4.47</i>	3
Bosch	WFMC4301UC	2.40	4.24	3	<i>Kenmore</i>	<i>C4719*</i>	<i>2.20</i>	<i>4.47</i>	3
Bosch	WFMC530*UC	2.47	4.47	3	<i>Kenmore</i>	<i>C4899*</i>	<i>2.29</i>	<i>4.37</i>	3
Bosch	WFMC544*UC	2.52	4.46	3	LG Electronics	WM0001H***	2.65	3.39	3
<i>Bosch</i>	<i>WFMC640*UC</i>	<i>2.43</i>	<i>4.06</i>	3	LG Electronics	WM064#H*	2.42	3.51	3
Bosch	WFMC840*UC	2.55	4.13	3	LG Electronics	WM0742H**	2.61	3.38	3
Bosch	WFMC8440UC	2.52	4.46	3	LG Electronics	WM2000C*	2.21	3.16	3
<i>Brault</i>	<i>BLTF2940F</i>	<i>2.22</i>	<i>4.21</i>	3	LG Electronics	WM2016C*	2.20	3.88	3
<i>Brault</i>	<i>BLTF6100F</i>	<i>2.29</i>	<i>4.37</i>	3	LG Electronics	WM204#C**	2.47	3.70	3
Crosley	CFW5000F	2.29	4.37	3	LG Electronics	WM207#C*	2.35	3.78	3
Frigidaire	ATF6000F	2.29	4.37	3	LG Electronics	WM2233H*	2.33	3.28	3
Frigidaire	ATF6500G	2.29	4.37	3	LG Electronics	WM2277H*	2.42	3.60	3
Frigidaire	ATF6700F	2.29	4.37	3	LG Electronics	WM2355C*	2.38	3.24	3
Frigidaire	ATF7000F	2.22	4.37	3	LG Electronics	WM244#H*	2.38	3.80	3
Frigidaire	ATF8000F	2.22	4.37	3	LG Electronics	WM2455H*	2.44	3.35	3
<i>Frigidaire</i>	<i>ATFB6000F</i>	<i>2.29</i>	<i>4.37</i>	3	LG Electronics	WM248#H*	2.44	3.35	3
Frigidaire	ATFB6700F	2.92	4.37	3	LG Electronics	WM248#H***	2.65	3.56	3
Frigidaire	ATFB7000F	2.22	4.37	3	LG Electronics	WM249#H**	2.38	3.31	3
Frigidaire	FTF5000H	2.22	4.21	3	LG Electronics	WM2496H**	2.44	3.35	3
<i>Frigidaire</i>	<i>FTFB2940F</i>	<i>2.22</i>	<i>4.21</i>	3	LG Electronics	WM2677H*	2.34	3.64	3
Frigidaire	GLTF2940F	2.22	4.21	3	LG Electronics	WM268#H***	2.65	3.29	3
Frigidaire	LTF2940F	2.22	4.21	3	LG Electronics	WM398#H***	2.54	3.43	3
<i>Frigidaire</i>	<i>LTF6000F</i>	<i>2.29</i>	<i>4.37</i>	3	Maytag	MHWZ400T*+	2.31	4.26	3
Frigidaire	LTF6700F	2.29	4.37	3	Maytag	MHWZ600T*+	2.48	3.92	3
Frigidaire	LTF7000F	2.22	4.37	3	<i>Miele</i>	<i>W3033</i>	<i>2.31</i>	<i>4.41</i>	3
Frigidaire	LTF8000F	2.22	4.37	3	<i>Miele</i>	<i>W3035</i>	<i>2.31</i>	<i>4.41</i>	3
<i>General Electric</i>	<i>GBVH5200J</i>	<i>2.22</i>	<i>4.00</i>	3	<i>Miele</i>	<i>W3039</i>	<i>2.24</i>	<i>4.41</i>	3
<i>General Electric</i>	<i>GCVH6400J</i>	<i>2.20</i>	<i>4.00</i>	3	<i>Miele</i>	<i>W4800</i>	<i>2.44</i>	<i>4.23</i>	3
<i>General Electric</i>	<i>GCVH6800J</i>	<i>2.20</i>	<i>4.00</i>	3	<i>Miele</i>	<i>W4840</i>	<i>2.44</i>	<i>4.23</i>	3
<i>General Electric</i>	<i>WBVH5200J</i>	<i>2.22</i>	<i>4.00</i>	3	Samsung	WF218***	2.55	3.55	3
<i>General Electric</i>	<i>WCVH6400J</i>	<i>2.20</i>	<i>4.00</i>	3	Samsung	WF328***	2.30	3.69	3
<i>General Electric</i>	<i>WCVH6800J</i>	<i>2.20</i>	<i>4.00</i>	3	Samsung	WF337***	2.40	3.62	3
Kenmore	4597****	2.26	4.35	3	Samsung	WF338***	2.59	3.56	3
Kenmore	4674*70+	2.38	3.77	3	Samsung	WF438***	2.70	3.39	3
Kenmore	4675*70+	2.38	3.77	3	Samsung	WF448***	2.70	3.39	3
Kenmore	4708*60+	2.36	3.98	3	Siemens	WFXD5201UC	2.57	4.25	3
Kenmore	4709*60+	2.36	3.98	3	Siemens	WFXD5202UC	2.57	4.25	3
Kenmore	4751****	2.58	4.02	3	Siemens	WFXD840 AUC	2.20	4.50	3
Kenmore	4753****	2.58	4.02	3	<i>Siemens</i>	<i>WFXD8400UC</i>	<i>2.20</i>	<i>4.50</i>	3
Kenmore	4754****	2.58	4.02	3	Whirlpool	WFW8300S*+	2.24	4.48	3
Kenmore	4756*60+	2.28	4.37	3	Whirlpool	WFW8400T*+	2.44	3.96	3
Kenmore	4756*70+	2.60	3.67	3	Whirlpool	WFW8500S*+	2.26	4.35	3
Kenmore	4757*60+	2.28	4.37	3	Whirlpool	WFW9200S*+	2.29	3.87	3
Kenmore	4757*70+	2.60	3.67	3	Whirlpool	WFW9400S*+	2.29	3.87	3
Kenmore	4758****	2.60	3.67	3	Whirlpool	WFW9500T*+	2.24	3.83	3
Kenmore	4758*60+	2.28	4.37	3	Whirlpool	WFW9600T*+	2.47	3.82	3
Kenmore	4778*70+	2.59	3.86	3	Whirlpool	WFW9600S*+	2.29	3.87	3