

FEDERAL TRADE COMMISSION

AHRI  
2111 Wilson Blvd, Suite 500  
Arlington VA 22201

RANGES OF COMPARABILITY:  
ACTIVE MODELS

2012 ANNUAL REPORT

ELECTRIC WATER HEATERS

PRODUCT TYPE	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
1ST HR RATING LESS THAN 21	559	559
1ST HR RATING BETWEEN 21 AND 24	-	-
1ST HR RATING BETWEEN 25 AND 29	559	559
1ST HR RATING BETWEEN 30 AND 34	559	565
1ST HR RATING BETWEEN 35 AND 40	553	565
1ST HR RATING BETWEEN 41 AND 47	547	591
1ST HR RATING BETWEEN 48 AND 55	547	591
1ST HR RATING BETWEEN 56 AND 64	547	578
1ST HR RATING BETWEEN 65 AND 74	547	591
1ST HR RATING BETWEEN 75 AND 86	547	605
1ST HR RATING BETWEEN 87 AND 99	559	612
1ST HR RATING BETWEEN 100 AND 114	571	642
1ST HR RATING BETWEEN 115 AND 131	605	626

4721 4721  
- -  
4721 4721  
4721 4772  
4671 4772  
4620 4992  
4620 4992  
4620 4882  
4620 4992  
4620 5110  
4721 5169  
4823 5422  
5110 5287

ELECTRIC INSTANTANEOUS WATER HEATERS

PRODUCT TYPE	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
MAX FLOW RATE LESS THAN 1.0 GPM	520	531
MAX FLOW RATE BETWEEN 1.0 AND 2.0 GPM	520	525

4392 4485  
4392 4434

GAS WATER HEATERS

PRODUCT TYPE	NATURAL GAS		PROPANE GAS	
	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
1ST HR RATING LESS THAN 21	-	-	-	-
1ST HR RATING BETWEEN 21 AND 24	-	-	-	-
1ST HR RATING BETWEEN 25 AND 29	-	-	-	-
1ST HR RATING BETWEEN 30 AND 34	-	-	-	-
1ST HR RATING BETWEEN 35 AND 40	-	-	-	-
1ST HR RATING BETWEEN 41 AND 47	-	-	-	-
1ST HR RATING BETWEEN 48 AND 55	246	263	667	715
1ST HR RATING BETWEEN 56 AND 64	250	263	677	712
1ST HR RATING BETWEEN 65 AND 74	222	267	600	739
1ST HR RATING BETWEEN 75 AND 86	222	267	600	739
1ST HR RATING BETWEEN 87 AND 99	222	267	600	724
1ST HR RATING BETWEEN 100 AND 114	222	293	600	792
1ST HR RATING BETWEEN 115 AND 131	231	323	627	875
1ST HR RATING GREATER THAN 131	228	323	618	875

NATURAL GAS	PROPANE GAS
232	248 261 279
236	248 264 278
210	252 234 289
210	252 234 289
210	252 234 283
210	277 234 309
218	305 245 342
215	305 241 342

GAS INSTANTANEOUS WATER HEATERS

PRODUCT TYPE	NATURAL GAS		PROPANE GAS	
	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
MAX FLOW RATE LESS THAN 1.0 GPM	-	-	-	-
MAX FLOW RATE BETWEEN 1.01 AND 2.0 GPM	-	-	-	-
MAX FLOW RATE BETWEEN 2.01 AND 3.0 GPM	187	230	494	609
MAX FLOW RATE GREATER THAN 3.0 GPM	165	198	432	525

NATURAL GAS	PROPANE GAS
176	217 193 238
156	187 169 205

OIL WATER HEATERS

PRODUCT TYPE	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
1ST HR RATING LESS THAN 64	-	-
1ST HR RATING BETWEEN 65 AND 74	-	-
1ST HR RATING BETWEEN 75 AND 86	-	-
1ST HR RATING BETWEEN 87 AND 99	-	-
1ST HR RATING BETWEEN 100 AND 114	727	808
1ST HR RATING BETWEEN 115 AND 131	808	855
1ST HR RATING GREATER THAN 131	642	793

180 200  
200 212  
159 196

HEAT PUMP TYPE WATER HEATERS

PRODUCT TYPE	Minimum Estimated Annual Operating Cost	Maximum Estimated Annual Operating Cost
1ST HR RATING BETWEEN 41 AND 47	264	264
1ST HR RATING BETWEEN 48 AND 55	-	-
1ST HR RATING BETWEEN 56 AND 64	221	271
1ST HR RATING BETWEEN 65 AND 74	217	260
1ST HR RATING BETWEEN 75 AND 86	223	223

2230 2230  
1867 2289  
1833 2196  
1883 1883