

**Minimum Energy Factor in BC, effective Sept. 1, 2010**  
**for gas and propane-fired water heaters with 76 to 380 litres rated storage capacity**  
**and an input of  $\leq 75,000$  Btu/h**

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
76	20.1	0.66
77	20.3	0.66
78	20.6	0.66
79	20.9	0.66
80	21.1	0.66
81	21.4	0.66
82	21.7	0.66
83	21.9	0.66
84	22.2	0.66
85	22.5	0.66
86	22.7	0.66
87	23.0	0.66
88	23.2	0.66
89	23.5	0.66
90	23.8	0.66
91	24.0	0.65
92	24.3	0.65
93	24.6	0.65
94	24.8	0.65
95	25.1	0.65
96	25.4	0.65
97	25.6	0.65
98	25.9	0.65
99	26.2	0.65
100	26.4	0.65
101	26.7	0.65
102	26.9	0.65
103	27.2	0.65
104	27.5	0.65
105	27.7	0.65
106	28.0	0.65
107	28.3	0.65
108	28.5	0.65
109	28.8	0.65
110	29.1	0.65
111	29.3	0.64
112	29.6	0.64
113	29.9	0.64

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
114	30.1	0.64
115	30.4	0.64
116	30.6	0.64
117	30.9	0.64
118	31.2	0.64
119	31.4	0.64
120	31.7	0.64
121	32.0	0.64
122	32.2	0.64
123	32.5	0.64
124	32.8	0.64
125	33.0	0.64
126	33.3	0.64
127	33.5	0.64
128	33.8	0.64
129	34.1	0.64
130	34.3	0.64
131	34.6	0.63
132	34.9	0.63
133	35.1	0.63
134	35.4	0.63
135	35.7	0.63
136	35.9	0.63
137	36.2	0.63
138	36.5	0.63
139	36.7	0.63
140	37.0	0.63
141	37.2	0.63
142	37.5	0.63
143	37.8	0.63
144	38.0	0.63
145	38.3	0.63
146	38.6	0.63
147	38.8	0.63
148	39.1	0.63
149	39.4	0.63
150	39.6	0.63
151	39.9	0.62
152	40.2	0.62
153	40.4	0.62
154	40.7	0.62
155	40.9	0.62
156	41.2	0.62
157	41.5	0.62

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
158	41.7	0.62
159	42.0	0.62
160	42.3	0.62
161	42.5	0.62
162	42.8	0.62
163	43.1	0.62
164	43.3	0.62
165	43.6	0.62
166	43.9	0.62
167	44.1	0.62
168	44.4	0.62
169	44.6	0.62
170	44.9	0.62
171	45.2	0.61
172	45.4	0.61
173	45.7	0.61
174	46.0	0.61
175	46.2	0.61
176	46.5	0.61
177	46.8	0.61
178	47.0	0.61
179	47.3	0.61
180	47.6	0.61
181	47.8	0.61
182	48.1	0.61
183	48.3	0.61
184	48.6	0.61
185	48.9	0.61
186	49.1	0.61
187	49.4	0.61
188	49.7	0.61
189	49.9	0.61
190	50.2	0.61
191	50.5	0.60
192	50.7	0.60
193	51.0	0.60
194	51.2	0.60
195	51.5	0.60
196	51.8	0.60
197	52.0	0.60
198	52.3	0.60
199	52.6	0.60
200	52.8	0.60
201	53.1	0.60

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
202	53.4	0.60
203	53.6	0.60
204	53.9	0.60
205	54.2	0.60
206	54.4	0.60
207	54.7	0.60
208	54.9	0.60
209	55.2	0.60
210	55.5	0.60
211	55.7	0.59
212	56.0	0.59
213	56.3	0.59
214	56.5	0.59
215	56.8	0.59
216	57.1	0.59
217	57.3	0.59
218	57.6	0.59
219	57.9	0.59
220	58.1	0.59
221	58.4	0.59
222	58.6	0.59
223	58.9	0.59
224	59.2	0.59
225	59.4	0.59
226	59.7	0.59
227	60.0	0.59
228	60.2	0.59
229	60.5	0.59
230	60.8	0.59
231	61.0	0.58
232	61.3	0.58
233	61.6	0.58
234	61.8	0.58
235	62.1	0.58
236	62.3	0.58
237	62.6	0.58
238	62.9	0.58
239	63.1	0.58
240	63.4	0.58
241	63.7	0.58
242	63.9	0.58
243	64.2	0.58
244	64.5	0.58
245	64.7	0.58

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
246	65.0	0.58
247	65.3	0.58
248	65.5	0.58
249	65.8	0.58
250	66.0	0.58
251	66.3	0.57
252	66.6	0.57
253	66.8	0.57
254	67.1	0.57
255	67.4	0.57
256	67.6	0.57
257	67.9	0.57
258	68.2	0.57
259	68.4	0.57
260	68.7	0.57
261	68.9	0.57
262	69.2	0.57
263	69.5	0.57
264	69.7	0.57
265	70.0	0.57
266	70.3	0.57
267	70.5	0.57
268	70.8	0.57
269	71.1	0.57
270	71.3	0.57
271	71.6	0.56
272	71.9	0.56
273	72.1	0.56
274	72.4	0.56
275	72.6	0.56
276	72.9	0.56
277	73.2	0.56
278	73.4	0.56
279	73.7	0.56
280	74.0	0.56
281	74.2	0.56
282	74.5	0.56
283	74.8	0.56
284	75.0	0.56
285	75.3	0.56
286	75.6	0.56
287	75.8	0.56
288	76.1	0.56
289	76.3	0.56

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
290	76.6	0.56
291	76.9	0.55
292	77.1	0.55
293	77.4	0.55
294	77.7	0.55
295	77.9	0.55
296	78.2	0.55
297	78.5	0.55
298	78.7	0.55
299	79.0	0.55
300	79.3	0.55
301	79.5	0.55
302	79.8	0.55
303	80.0	0.55
304	80.3	0.55
305	80.6	0.55
306	80.8	0.55
307	81.1	0.55
308	81.4	0.55
309	81.6	0.55
310	81.9	0.55
311	82.2	0.54
312	82.4	0.54
313	82.7	0.54
314	83.0	0.54
315	83.2	0.54
316	83.5	0.54
317	83.7	0.54
318	84.0	0.54
319	84.3	0.54
320	84.5	0.54
321	84.8	0.54
322	85.1	0.54
323	85.3	0.54
324	85.6	0.54
325	85.9	0.54
326	86.1	0.54
327	86.4	0.54
328	86.6	0.54
329	86.9	0.54
330	87.2	0.54
331	87.4	0.53
332	87.7	0.53
333	88.0	0.53

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
334	88.2	0.53
335	88.5	0.53
336	88.8	0.53
337	89.0	0.53
338	89.3	0.53
339	89.6	0.53
340	89.8	0.53
341	90.1	0.53
342	90.3	0.53
343	90.6	0.53
344	90.9	0.53
345	91.1	0.53
346	91.4	0.53
347	91.7	0.53
348	91.9	0.53
349	92.2	0.53
350	92.5	0.53
351	92.7	0.52
352	93.0	0.52
353	93.3	0.52
354	93.5	0.52
355	93.8	0.52
356	94.0	0.52
357	94.3	0.52
358	94.6	0.52
359	94.8	0.52
360	95.1	0.52
361	95.4	0.52
362	95.6	0.52
363	95.9	0.52
364	96.2	0.52
365	96.4	0.52
366	96.7	0.52
367	97.0	0.52
368	97.2	0.52
369	97.5	0.52
370	97.7	0.52
371	98.0	0.51
372	98.3	0.51
373	98.5	0.51
374	98.8	0.51
375	99.1	0.51
376	99.3	0.51
377	99.6	0.51

Rated Storage Capacity		Minimum EF
(litres)	(US gal)	
378	99.9	0.51
379	100.1	0.51
380	100.4	0.51

For a listing of the EF for water heater models,  
see NRCan's water heater database at

<http://www.oeenrcan.gc.ca/residential/business/manufacturers/search/gas-water-heaters-search.cfm?attr=4>.