



Year	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							12/16/2010	1/8/2013	United States	ES_1008023_AT18 0_01150231011730 00_0012701
							1/28/2013	1/8/2013	United States	ES_1008023_AT18 0_01150231011730 00_0012702
							3/19/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_397299 7
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_158949 7
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_438457 8
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_710407 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_288343 3
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_972805 9
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_302219 4
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_592497 3
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_177936 7
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_942317 2
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_557471 2
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_975923 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_230037 5
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_590509 0
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_259116 7
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094745_727173 3
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094745_721307 9
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094745_278858 1
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094745_743291 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_405373 4
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_308880 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_534121 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_718744 2
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_165595 9
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094745_277335 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_843053 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_214761 5
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_139229 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094745_409164 0
							5/1/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_943302 9
							5/1/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_585253 9
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13104058_401376 7
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13104058_399877 0
							12/17/2012	3/22/2013	United States, Canada	ES_92897_032220 13091252_348829 9
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_755403 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_467329 4
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_211619 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_919371 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_210375 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_203045 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_272345 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_168581 4
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_230778 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_375808 8
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_180515 2
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_231271 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_756763 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_557041 9
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_060022 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_171092 4
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_103901 8
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_140623 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_928438 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_141181 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_389225 9
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_921445 4



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
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							14/2013	6/27/2013	United States	ES_92897_062720 13094745_237250 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_781128 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_711038 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_783107 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_968665 4
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_211768 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_178583 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_146504 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_959205 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_930746 8
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_584735 3
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_811737 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_353841 4
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_119718 3
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_293230 1
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160458_979979 2
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160458_447647 0
							12/17/2012	3/22/2013	United States, Canada	ES_92897_032220 13091252_719125 3
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094746_908958 5
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094746_119130 6
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_953794 5
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_583461 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_257303 4
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_362965 2
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094746_532743 2
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094746_132008 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_795733 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_525112 5
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_691965 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_979519 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_552836 6
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_185642 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_699592 2
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_633950 8
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_810730 4
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_958802 8
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							7/1/2012	6/27/2013	United States	ES_92897_062720 13094746_737350 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_708612 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094746_332503 2
							3/19/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_403623 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_776853 8
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_947855 0
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							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_753744 6
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_328420 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_403862 0
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_734694 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_159688 2
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_140478 4
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_979255 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_215127 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_463254 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_772763 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_845210 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_447472 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_299694 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_323017 8
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_313314 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_433330 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_352246 5



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_417639 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_557723 8
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_198910 0
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_130762 0
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_743687 9
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_321618 1
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_714115 9
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_780036 9
							4/9/2013	4/15/2013	United States, Canada	ES_92897_041520 13165704_835036 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_508101 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_458691 8
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_608611 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_110449 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_916693 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_020200 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_581508 4
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_689644 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_774280 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_133990 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_848039 4
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_338108 2
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_912350 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_515173 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_777969 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_430287 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_303162 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_533349 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_963539 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_558738 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_868351 2
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_325127 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_671383 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_676053 9
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_172863 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_140840 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_854733 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_773158 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_229709 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_538139 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_322789 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_611629 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_745670 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_307854 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_872316 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_658064 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_378694 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_814015 1
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094744_959373 5
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094744_496747 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_540711 0
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094744_386697 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094745_491386 9
							3/19/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_506168 9
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_813051 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_450084 4
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160459_543944 7
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_504270 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_194033 9
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160459_262168 5
							12/17/2012	3/22/2013	United States, Canada	ES_92897_032220 13091252_933644 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_162608 7
							14/2013	6/27/2013	United States	ES_92897_062720 13094746_488769 2



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_487459 2
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_734903 6
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_787489 4
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_533300 3
							3/19/2013	3/29/2013	United States, Canada	ES_92897_022020 13105332_860382 0
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_497783 9
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_620177 1
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_503379 0
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_320405 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_904338 6
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							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_779930 8
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_509662 9
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_906600 9
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_895551 4
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_750273 3
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_912416 4
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_933530 7
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_561542 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_113290 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_471894 7
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_388475 8
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_518706 1
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_390778 4
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_319825 4
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_202582 7
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							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_608755 7
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_463392 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_195788 2
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160459_746253 4
							12/19/2012	3/5/2013	United States, Canada	ES_92897_030520 13160459_846535 6
							12/17/2012	3/22/2013	United States, Canada	ES_92897_032220 13091252_969148 8
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_395345 3
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_924390 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_769398 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_660413 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_481756 0
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_791103 6
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_206203 1
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_231860 1
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_370178 7
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094748_742498 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_621595 4
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_970543 6
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_896217 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094746_960787 4
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_133962 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_388709 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_749312 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094748_682266 2
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_901189 9
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_845030 9
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_997634 1
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_976979 3
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_692114 2
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094745_969906 1
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_969134 5
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094746_146337 8
							1/4/2013	6/27/2013	United States	ES_92897_062720 13094746_420500 6





Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_430015 4
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_254088 6
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_449484 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_610246 0
							12/4/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_333118 3
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_277314 2
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_218008 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_777531 1
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_147423 5
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_183783 0
							14/2013	6/27/2013	United States	ES_92897_062720 13094749_945649 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_375311 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_480315 2
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_778221 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_328646 1
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_128773 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_258152 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_274800 4
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_218945 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_440250 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_709912 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_395352 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094749_718329 1
							3/19/2013	3/29/2013	United States, Canada	ES_92897_032920 13105332_917097 9
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_907655 2
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_950365 4
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_851433 1
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_794571 1
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094749_687318 9
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094749_252042 7
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094749_570579 5
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094749_787860 0
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_855249 6
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094749_889787 0
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_446409 8
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_938231 2
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_553795 5
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_449585 4
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_208023 2
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_964308 5
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_935280 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_310972 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_880930 1
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_387833 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_256048 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_891424 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_751812 5
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_984289 6
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_920187 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_753439 7
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_589642 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_897379 3
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_543017 2
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_435092 3
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_470157 5
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_550662 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_977732 5
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_964102 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_124485 9
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_987293 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_153318 7
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_213081 0



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_460030 0
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_330733 1
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_399997 2
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_698411 8
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_487143 3
							8/1/2012	6/27/2013	United States, Canada	ES_92897_062720 13094747_335793 5
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_247139 8
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_483783 2
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_397405 7
							5/8/2011	6/27/2013	United States	ES_92897_062720 13094745_871727 9
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_193136 3
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_512398 0
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_060298 4
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_216564 4
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_519393 6
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_368190 9
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_829500 3
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_507693 2
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_802979 1
							7/1/2012	6/27/2013	United States	ES_92897_062720 13094747_128159 2
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_247584 7
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_983595 0
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_519269 3
							8/1/2011	6/27/2013	United States	ES_92897_062720 13094747_754460 2
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_201245 3
							1/24/2011	6/27/2013	United States, Canada	ES_92897_062720 13094745_115168 8
							6/1/2011	6/27/2013	United States, Canada	ES_16809_062720 13094747_711998 6
							6/23/2011	6/27/2013	United States, Canada	ES_10809_062720 13094747_347591 9
							6/23/2011	6/27/2013	United States, Canada	ES_16809_062720 13094747_389914 5
							4/1/2012	6/27/2013	United States, Canada	ES_92896_062720 13094743_594023 0
							4/1/2012	6/27/2013	United States, Canada	ES_92896_062720 13094743_448562 7
							4/1/2012	6/27/2013	United States, Canada	ES_92896_062720 13094743_143685 3
							4/1/2012	6/27/2013	United States, Canada	ES_92896_062720 13094743_653591 0
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH45 9N_101120120357 50_999999
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH45 9P_101120120357 50_999999
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH47 9N_101120120357 50_999999
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH47 9P_101120120357 50_999999
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH49 7N_101120120357 50_999999
							12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IH49 7P_101120120357 50_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 96N032720130108 23_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 96P032720130108 23_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 78N032720130108 23_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 78P032720130108 23_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 97N032720130108 23_999999
							3/1/2013	1/18/2012	United States, Canada	ES_0327201HHC 97P032720130108 23_999999
							3/14/2012	6/27/2013	United States, Canada	ES_1032010_0627 2013094744_9413 316
							11/1/2011	6/27/2013	United States	ES_1114734_0627 2013094747_3352 468
							11/1/2011	6/27/2013	United States	ES_1114734_0627 2013094747_1436 983
							12/16/2011	12/28/2011	United States	ES_1092745_032 9201390259_7830 457
							4/15/2013	4/15/2013	United States, Canada	ES_1084851_200 X_0416201311411 1_102314
							1/24/2011	6/27/2013	United States, Canada	ES_15649_062720 13094744_599672 9
							1/24/2011	6/27/2013	United States, Canada	ES_15649_062720 13094744_696816 6
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_7992 038
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_5089 637
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_5765 405
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_7200 543
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_3674 137



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							10/1/2012	6/27/2013	United States, Canada	ES_1074959_0627 2013094744_8651 359
							9/1/2011	12/14/2012	United States	ES_1070591_India I Certification Model Meets ENERGY STAR Requirements_022 201390003_5456 735
							2/1/2013	2/12/2013	United States	ES_1070591_040 92013141347_759 7922
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_3587 392
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_7373 943
							2/1/2009	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_5015 547
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_5694 162
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_2646 174
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_3493 391
							8/1/2008	4/9/2013	United States, Canada	ES_1002520_0409 2013143316_1133 416
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_7099 863
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_2391 283
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_5691 295
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_6287 814
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_7445 100
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_8101 606
							3/1/2013	2/28/2013	United States, Canada	ES_1045829_0228 2013164315_2647 913
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_5038 565
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_1439 650
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8563 410
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_5287 508
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_7973 397
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8746 546
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8708 944
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_6793 652
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_9489 811
							3/1/2013	2/28/2013	United States, Canada	ES_1045829_0228 2013164315_9637 379
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							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_8142 776
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_7500 591
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_7439 621
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_4830 629
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_3401 862
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_9661 398
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_5058 176
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_3057 943
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_2075 746
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8969 378
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_6296 767
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8492 666
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_3573 629
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_5402 679
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_7557 508
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_7757 600
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_1424 791
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_8410 847
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_7929 642
							11/1/2011	6/27/2013	United States	ES_1045829_0627 2013094744_8819 795
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							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_4589 321
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_1665 412
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8014 572
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_8410 766
							4/20/2012	6/27/2013	United States	ES_1045829_0627 2013094744_3791 251
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_1426 816
							6/20/2011	6/27/2013	United States	ES_1045829_0627 2013094744_8677 178
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_2419 338
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_5418 296
							1/1/2013	6/27/2013	United States	ES_1045829_0627 2013094744_3108 995



Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							1/1/2013	6/27/2013	United States	ES_104829_0627 2013094744_0479 836
							3/1/2013	2/28/2013	United States, Canada	ES_104829_0228 2013164315_0668 450
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3060 818
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3398 757
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_8435 350
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_0266 811
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1454 862
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_4420 141
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_8038 275
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_7602 424
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9319 902
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1973 666
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_8425 109
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_5974 059
							3/1/2013	2/28/2013	United States, Canada	ES_104829_0228 2013164315_3515 758
							6/20/2011	6/27/2013	United States	ES_104829_0627 2013094744_2262 304
							1/1/2013	6/27/2013	United States	ES_104829_0627 2013094744_3875 525
							1/1/2013	6/27/2013	United States	ES_104829_0627 2013094744_4367 225
							1/1/2013	6/27/2013	United States	ES_104829_0627 2013094744_8506 739
							1/1/2013	6/27/2013	United States	ES_104829_0627 2013094744_3714 163
							6/20/2011	6/27/2013	United States	ES_104829_0627 2013094744_5244 947
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_9712 695
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3290 374
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3753 790
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_5504 878
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9745 639
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1759 226
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9284 875
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1188 901
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9886 639
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_2460 059
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1752 611
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_5313 440
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_7688 119
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_7791 021
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3270 254
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_5745 043
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_1881 999
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_2652 924
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_5102 530
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_7481 170
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_4585 635
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9199 948
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_9514 225
							4/20/2012	6/27/2013	United States	ES_104829_0627 2013094744_2323 755
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_3132 643
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_4364 733
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_7048 574
							11/1/2011	6/27/2013	United States	ES_104829_0627 2013094744_0028 520
							3/15/2012	5/31/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_053120 13141455_979495 2
							3/15/2012	5/31/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_053120 13141455_163109 9
							3/15/2012	5/31/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_053120 13141455_514704 5
							3/15/2012	5/31/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_053120 13141455_972241 3
							3/15/2012	5/31/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_053120 13141455_117638 6
							4/23/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_033036 8
							4/23/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_268972 7





Year	Solar Auxiliary Tank Input (Thousands BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
							4/23/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_278653 6
							4/23/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_771301 9
							5/25/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_406741 0
							5/25/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_021083 2
							3/15/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_948197 2
							4/8/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_413367 5
							3/15/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_260797 6
							4/8/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_206633 3
							3/15/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_062840 1
							3/15/2012	6/27/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_062720 13094744_941099 0

## Definitions for Water Heaters Product Listing Column Headers

Column Header	Definition
<b>ENERGY STAR Partner</b>	An organization that signed a Partnership Agreement with EPA to manufacture or private label ENERGY STAR qualified products.
<b>Brand</b>	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
<b>Model Name</b>	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
<b>Model Number</b>	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.
<b>Additional Model Information</b>	This column includes for the qualified model or family, family members, additional model names, model numbers and other identifying information associated with a product or family/series of products for sales and marketing purposes. Other identifying information includes, but is not limited to, SKUs, UPC codes, retail numbers, and/or descriptions of models included but not included in the reported Model Family.
<b>Type</b>	This field is used to indicate the type of qualified product: Gas Storage Water Heater, Gas Tankless Water Heater, Heat Pump Water Heater, or High Capacity Storage.
<b>Fuel</b>	Fuel type refers to the kind of fuel the water heater uses to heat the water, either natural gas or propane.
<b>Vent Type</b>	The type of vent used by the water heater: Atmospheric Vent, Direct Vent, or Power Vent.
<b>Storage Volume (gallons)</b>	Volume is the capacity of the tank, in gallons. Storage Volume is not applicable for gas tankless, solar with gas backup, or solar with electric backup water heaters.
<b>Tank Height (inches)</b>	Tank height is the distance from the bottom of the water heater's tank to the top of its tank.
<b>Height to Vent (inches)</b>	Height to vent is the distance from the bottom of the water heater's tank to its vent.
<b>Tank Diameter (inches)</b>	Tank diameter is the width or diameter of the water heater's tank.
<b>Vent Size (inches)</b>	Vent size is the width or diameter of the vent opening.
<b>Vent Size 2 (inches)</b>	Vent size 2 is the width or diameter of a second vent opening.
<b>Electric Input (kw)</b>	Electric Input kW refers to the input wattage of the heat pump and supplementary electric elements.



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Column Header	Definition
<b>Volts</b>	Volts refer to the potential of an outlet or circuit to provide electrical energy. The standard current in the typical U.S. home is in the range of 110 to 120 volts. However, circuits used for equipment, such as heat pump water heaters, may use voltage in the range of 220 to 240 volts. These heavy-duty circuits can be identified by their non-standard outlet plugs.
<b>kWh/year</b>	kWh/year, kilowatt hours per year, refers to the amount of electricity consumed by the water heater according to its Energy Factor determined by the DOE test procedure, Code of Federal Regulations, Title 10, Section 430.
<b>Rate (Thousand BTU per hour)</b>	Input refers to the burner size of the water heater, in thousand BTU per hour.
<b>Thermal Efficiency (TE)</b>	The ratio of the heat transferred to the water flowing through water heater to the amount of energy consumed by the water heater.
<b>Standby Loss</b>	The ratio of useful energy output from the water heater to the total amount of energy delivered to the water heater.
<b>Energy Factor (EF)</b>	Energy Factor is the ratio of useful energy output from the water heater to the total amount of energy delivered to the water heater. EF is a metric used to compare relative efficiencies of water heaters. The higher the EF is, the more efficient the water heater. EF is determined by the DOE test procedure, Code of Federal Regulations, Title 10, Section 430.
<b>Therms/year for Natural Gas</b>	Therms/year refers to the amount of natural gas consumed by the water heater according to its Energy Factor determined by the DOE test procedure, Code of Federal Regulations, Title 10, Section 430.
<b>Gallons/year for Propane</b>	Gallons/year refers to the amount of propane consumed by the water heater according to its Energy Factor determined by the DOE test procedure, Code of Federal Regulations, Title 10, Section 430.
<b>First Hour Rating</b>	First-Hour Rating is the amount of hot water (in gallons) a storage water heater can supply per hour (starting with a tank full of hot water).
<b>Gallons per Minute (gallons per hour)</b>	Gallons Per Minute is the amount of hot water in gallons a tankless water heater can supply per minute over a 77°F rise.
<b>Recovery Efficiency</b>	Recovery efficiency refers to how efficiently the heat from the burner is transferred to the water in the tank.
<b>Solar System Type</b>	Forced Circulation systems use a pump to circulate the water or other fluid from the collector where it is heated by the sun to the storage tank. Integral Collector Storage (ICS) systems, or “batch” water heaters, combine the collector and the storage tank into one. Thermosyphon systems have a separate storage tank, located above the collector. Liquid (which could be water or an antifreeze solution) warmed in the collector rises to the storage tank.



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Column Header	Definition
<b>Solar Collector Type</b>	Solar Water Heaters are available in the following collector types: batch, flat-plate, and evacuated tube. Batch collectors heat water in dark tanks or tubes within an insulated box, store the water until drawn. Flat-plate collectors consist of copper tubes fitted to flat absorber plates. Evacuated tubes contain a vacuum of space around the metal or glass tube.
<b>Solar Collector Panel Area (sq feet)</b>	Refers to the total area consumed by the solar collector.
<b>Solar Fraction (SF)</b>	Solar Fraction is the portion of the total conventional hot water heating load (delivered energy and tank standby losses) provided by solar energy. SF is determined by the rating conditions and model outlined in the OG-300 standard developed by the Solar Rating and Certification Corporation (SRCC).
<b>Solar Energy Factor (SEF)</b>	Solar Energy Factor refers to the energy delivered by the total system divided by the electrical or gas energy put into the system. The higher the SEF, the greater the solar contribution to water heating, which reduces the energy required by the backup water heater. The SEF is presented as a number similar to the Energy Factor (EF) given to conventional water heaters by the DOE test procedure.
<b>Freeze Tolerance Limit (F)</b>	The limit to the system's tolerance of freezing weather conditions.
<b>Solar Tank Volume (gallons)</b>	Capacity of the tank, in gallons.
<b>Solar Type of Backup</b>	This field is used to indicate the type of tank used in a solar system: Gas Storage Water Heater, Gas Instantaneous Water Heater, Electric Water Heater, Light Duty EPACT Covered Gas Water Heater.
<b>Solar Auxiliary Tank Volume (gallons)</b>	Volume is the capacity of the tank in a solar system, in gallons.
<b>Solar Auxiliary Tank Input (kW)</b>	Electric Input kW refers to the input wattage of the heat pump and supplementary electric elements.
<b>Solar Auxiliary Tank Input (Thousand BTU per hour)</b>	Auxiliary Input refers to the input KBTU per hour rating of the backup gas water heater in the solar system, in thousand BTU per hour.
<b>Minimum Warranty - Controls (years), Minimum Warranty - Collector (years), Minimum Warranty - Heat Exchanger (years), Minimum Warranty - Parts (years), and Minimum Warranty - Tank (years)</b>	Warranty is an assurance by the manufacturing partner that the purchased equipment (tank, controls, collector) and components (parts) are warranted for a certain required period-of-time, depending on the technology. Minimum warranty is the shortest warranty you can receive on the qualified water heater model.
<b>Date Available on Market</b>	The date that the model is available for purchase.
<b>Date Qualified</b>	The date on which the product was confirmed to meet the ENERGY STAR specification.
<b>Markets</b>	This list/dataset includes products sold in the U.S. and/or Canada and other ENERGY STAR partner countries.



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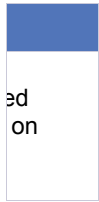
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Column Header	Definition
<b>ENERGY STAR Model Identifier</b>	A unique string of characters used to identify models with the same performance characteristics. This sequence is generated by certification bodies and is reported as a single row of data in the lists of certified products.



## Water Heaters Key Product Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 1.1 ENERGY STAR Program Requirements for Water Heaters that are effective as of January 1, 2009, or the Version 2.0 ENERGY STAR Program Requirements for Water Heaters that are effective as of July 1, 2013.

### Version 1.1 Requirements

ENERGY STAR Residential Water Heaters — Eligible Product Types	
<b>High-Efficiency Gas Storage</b>	A nominal input of 75,000 BTU/hour or less and a rated storage volume from 20 to 100 gallons.
<b>Gas Condensing</b>	
<b>Heat Pump Water Heaters</b>	A maximum current rating of 24 amperes, voltage no greater than 250 volts, and a transfer of thermal energy from one temperature to a higher temperature level for the purpose of heating water. Unit must have "integrated" or "drop-in" configuration.
<b>Whole-Home Gas Tankless</b>	A nominal input of over 50,000 BTU/hour up to 200,000 BTU/hour and a rated storage volume of 2 gallons or less.
<b>N/A</b>	<b>N/A</b>
<b>Solar Water Heaters</b>	OG-300 rating from the SRCC. Auxiliary tank must be residential-class.

### Version 2.0 Requirements

ENERGY STAR Residential Water Heaters — Eligible Product Types	
<b>High-Efficiency Gas Storage</b>	A nominal input of 75,000 BTU/hour or less and a rated storage volume from 20 to 100 gallons.
<b>Gas Condensing</b>	
<b>Heat Pump Water Heaters</b>	A maximum current rating of 24 amperes, voltage no greater than 250 volts, and a transfer of thermal energy from one temperature to a higher temperature level for the purpose of heating water. Unit must have "integrated" or "drop-in" configuration.
<b>Whole-Home Gas Tankless</b>	A nominal input of over 50,000 BTU/hour up to 200,000 BTU/hour and a rated storage volume of 2 gallons or less.
<b>Light Duty EPACT-covered Gas Water Heaters</b>	Heat and store water at a thermostatically controlled temperature, with an input rate >75,000 Btu per hour and <100,000 Btu per hour, and storage volume between 20 and 100 gallons.
<b>Solar Water Heaters</b>	OG-300 rating from the SRCC. Auxiliary tank must be residential-class.

### ENERGY STAR Criteria Version 1.1

### ENERGY STAR Criteria Version 2.0

A water heater model must meet all of the identified criteria to be labeled as ENERGY STAR.

High-Efficiency Gas Storage				
ENERGY STAR Criteria	Energy Factor	First-Hour Rating	Warranty	Safety
Gas Storage (Ending 8/31/2010)	EF >= 0.62	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10.1/CSA 4.1
Gas Storage (Beginning 9/1/2010)	EF >= 0.67	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10.1/CSA 4.1
Gas Condensing				
ENERGY STAR Criteria	Energy Factor	First-Hour Rating	Warranty	Safety
Gas Condensing	EF >= 0.8	FHR >= 67 gallons per hour	Warranty >= 8 years on sealed system	ANSI Z21.10.1/CSA 4.1
Heat Pump Water Heaters				
ENERGY STAR Criteria	Energy Factor	First-Hour Rating	Warranty	Safety
Heat Pump Water Heaters	EF >= 2.0	FHR >= 50 gallons per hour	Warranty >= 6 years on sealed system	UL 174 & UL 1995
Whole-Home Gas Tankless				
ENERGY STAR Criteria	Energy Factor	Gallons-Per-Minute	Warranty	Safety
Whole-Home Gas Tankless	EF >= 0.82	GPM >= 2.5 over a 77°F rise	Warranty >= 10 years on heat exchanger and 5 years on parts	ANSI Z21.10.3/CSA 4.3
Solar Water Heaters				
ENERGY STAR Criteria	Solar Fraction	Warranty	Safety	
Solar Water Heaters	SF >= 0.5	Warranty >= 10 years on solar collector, 6 years on storage tank, 2 years on controls and 1 year for piping and parts	OG-300 Certification from the SRCC	

Gas Storage				
ENERGY STAR Criteria	Energy Factor	First-Hour Rating	Warranty	Safety
Gas Storage	EF >= 0.67	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10.1/CSA 4.1
Electric Water Heaters				
ENERGY STAR Criteria	Energy Factor	First-Hour Rating	Warranty	Safety
Storage-Type	EF >= 2.0	FHR >= 50 gallons per hour	Warranty >= 6 years on sealed system	UL 174 & UL 1995
Gas Instantaneous				
ENERGY STAR Criteria	Energy Factor	Gallons-Per-Minute	Warranty	Safety
Whole-Home Gas Tankless	EF >= 0.82	GPM >= 2.5 over a 77°F rise	Warranty >= 10 years on heat exchanger and 5 years on parts	ANSI Z21.10.3/CSA 4.3
Light Duty EPACT Covered Gas Water Heaters				
ENERGY STAR Criteria	Thermal Efficiency	Standby Loss	Warranty	Safety
Light Duty EPACT Covered Gas Water Heaters	TE ≥ 0.90	≤ 2374 btu/hr * (TE - 0.74)	Warranty ≥ 6 years on system	
Solar Water Heaters				
ENERGY STAR Criteria	Solar Fraction	Warranty	Safety	
Solar Water Heaters	SEF ≥ 1.8 for electric backup	10 years on collector, 6 years sealed system, 2 years on controls, 1 year on parts	OG-300 Certification from the SRCC	