



Criteria for Washing Machines

Below are the product criteria for ENERGY STAR qualified washing machines.

A product must meet all of the identified programme requirements if it is to be registered for the New Zealand ENERGY STAR programme and labelled ENERGY STAR.

1 Definitions:

a Star rating index SRI: The current energy efficiency measure for all clothes washers. The SRI is normalised for wash mass and takes account of the energy used per cycle, the standby energy and the energy required to evaporate the water remaining in the clothes at the end of the wash cycle. The units of SRI are dimensionless.

b Water Star rating index WSRI: The current water efficiency measure that allows the comparison of washing machine water consumption independent of washing machine capacity. The term is expressed as litres per cycle per kg. The units of WSRI are dimensionless.

2 Qualifying Products: All washing machines that have been tested to AS/NZS 2040.1:2005.

3 ENERGY STAR Criteria: Only those products listed in Appendix 2 that meet the criteria below may qualify as ENERGY STAR.

	ENERGY STAR criteria
Energy consumption	SRI \geq 3.5
Water consumption	WSRI \geq 4.0

4 Test Criteria: Washing machines manufacturers must self-test their equipment according to the test procedure defined in AS/NZS 2040.1:2005.

5 Effective Date: The proposed effective date of these criteria is 1 April 2007. A manufacturer has one year after signing the Partnership Agreement to ensure that the ENERGY STAR label appears directly on at least one ENERGY STAR qualified washing machine model.

6 Countries Valid In: This specification applies to products listed in section 2 that are sold in New Zealand only.

7 Future Criteria Revisions: EECA reserves the right to change the criterion should technological and/or market changes affect its usefulness to consumers, industry, or the environment. Keeping with current policy, industry/ stakeholder discussions determine revisions to the criteria.