

Electric Water Heater

REGULATORY PROPOSAL

PREPARED BY:
ENERGY EFFICIENCY BRANCH,
B.C. MINISTRY OF ENERGY, MINES AND LOW CARBON INNOVATION¹
SEPTEMBER 2022

COMMENTS MUST BE RECEIVED BY [OCTOBER 5], 2022

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¹ For more information on the role of the Energy Efficiency Branch, see <https://www2.gov.bc.ca/gov/content/industry/electricity-alternative-energy/energy-efficiency-conservation>

PROPOSED CHANGES TO THE ELECTRIC STORAGE-TYPE WATER HEATER

TYPE OF DEVICE (PROPOSED CHANGE)	<p>The proposed change is to define the product type as a household water heater, to align with the federal regulation. The proposed change will limit household water heaters to products that have an input rate of 12 kw or less, excluding commercial products from the standard. The proposed product definition is:</p> <p>"household electric storage-type water heater" means a water heater that has</p> <ul style="list-style-type: none"> a) a hot water storage tank that uses electricity to heat the water, b) a top inlet or bottom inlet, c) a rated storage capacity of 50 to 454 litres, and d) has an input rate of less than or equal to 12 kW (40,982 Btu/h).
ENERGY PERFORMANCE	No changes are proposed.
TEST STANDARD	No changes are proposed.
LABELLING AND CERTIFICATION	No changes are proposed.
EFFECTIVE DATE	The proposed effective date is January 1, 2023.
HARMONIZATION	<p>The Ministry of Energy, Mines and Low Carbon Innovation (Ministry) attempts, where appropriate, to harmonize with other regulatory agencies which represent larger markets than B.C.</p> <p>The proposed change is harmonized with Federal energy efficiency regulations.</p>
NEED FOR REGULATION	The Ministry reviews existing standards and proposes changes to reduce regulatory burden when applicable. The proposed change will reduce regulatory burden.
TRANSPARENT REGULATION DEVELOPMENT	Public review and stakeholder consultation will be open for [21-days] after the publication of this document. Stakeholder consultation will be followed by regulatory drafting and submission of amendments to Cabinet for approval.
IMPACT ON MANUFACTURERS AND RETAILERS	The proposed changes will reduce regulatory burden and ease of trade for manufacturers and distributors.

CONTACT INFORMATION

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DATE	September 14, 2022