

**WAC 194-24-180 Electric storage water heaters.** (1) **Scope.** This rule applies to new electric storage water heaters manufactured on or after January 1, 2023.

(2) **Standard.** Electric storage water heaters must have a modular demand response communications port compliant with:

(a) The March 2018 version of the ANSI/CTA-2045-A communication interface standard, or a standard determined by the department to be equivalent; and

(b) The March 2018 version of the ANSI/CTA-2045-A application layer requirements.

The interface standard and application layer requirements required in this subsection are the versions established in March 2018.

(3) Upon written request by a manufacturer, the department will determine whether an alternative communications port and communication interface standard are equivalent for the purposes of subsection (2) of this section.

(a) Any requested alternative must use a standard that is open and widely available and must provide the demand response functions provided using the standards identified in subsection (2) of this section.

(b) A request for designation of a standard must provide technical documentation demonstrating that the standard satisfies the requirements in (a) of this subsection and must describe any industry or stakeholder process used in developing the standard. The department will provide reasonable opportunity for input by utilities, manufacturers, technical experts and other interested stakeholders prior to determining whether the proposed standard is equivalent. The department will make available on a publicly accessible website any standard that it determines to be equivalent.

(4) **Testing.** There is no test method required for this product.

(5) **Listing.** There is no listing requirement for this product.

(6) **Marking.** Every unit of every electric storage water heater must have a label or marking indicating compliance with the standard in this section. The format and content of the label or marking must be approved in advance by the department.

[Statutory Authority: RCW 19.260.070, 19.260.040, and 19.260.080. WSR 22-20-025, § 194-24-180, filed 9/23/22, effective 10/24/22. Statutory Authority: RCW 19.260.070. WSR 20-03-013, § 194-24-180, filed 1/6/20, effective 2/6/20.]