

IAPMO PS 92-2011

Heat Exchangers and Indirect Water Heaters



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1 Scope and Purpose

- 1.1** This Standard covers heat exchangers and indirect water heaters and specifies requirements for materials, physical characteristics, performance tests, and markings.
- 1.2** The purpose of this Standard is to enhance health and safety by:
- (a) specifying acceptable criteria for heat exchangers and indirect water heaters;
 - (b) serving as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors, and users; and
 - (c) promoting understanding regarding materials and manufacturing of heat exchangers and indirect water heaters.
- 1.3** The requirements of this Standard are not intended to prevent the use of alternate materials or methods of construction provided such alternates meet the intent of this Standard.
- 1.3** Amendments to this Standard will be made after processing according to the standards writing procedures of IAPMO.

2 Reference Publications

This Standard refers to the following publications, and where such reference is made, it shall be to the current edition of those publications, including all amendments published thereto.

ANSI Z21.10.3/CSA 4.3	Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous
ASME B1.20.1	Pipe Threads, general Purpose (Inch)
ASME A112.18.1/CSA B125.1	Plumbing supply fittings
ASME A112.18.2/CSA B125.2	Plumbing waste fittings
ASTM A240	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
ASTM B88	Standard Specification for Seamless Water Copper Tube
ASTM E84	Standard Test Method for Surface Burning Characteristics of Building Materials
CSA C309	Performance Requirements for Glass-Lined Storage Tanks for Household Hot Water Service