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INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

IAPMO GUIDE CRITERIA

FOR

PIPELESS WHIRLPOOL BATHTUB APPLIANCES

IGC 155-2008

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for pipeless whirlpool bathtubs. It is intended to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture, installation, and performance; and to identify pipeless whirlpool bathtubs complying with this standard.

The provisions of this standard are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent and requirement of this document and changes are amended to this standard.

2. SCOPE

- 2.1** This standard applies to pipeless whirlpool bathtubs and covers general requirements, strength and performance tests for such products, in addition to method of markings and identification.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition of those standards.

ASME A112.19.7	Whirlpool Bathtub Appliances
UL 1795	Hydromassage Bathtubs

4. DEFINITION

- 4.1** Pipeless whirlpool bathtub - shall mean a plumbing appliance consisting of a bathtub fixture that is equipped with one or more unitized jet/suction fittings to circulate water without piping and discharge bathtub water after each use.

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- 4.2** Unitized jet/suction fitting - shall mean a sanitary, cleanable, whirlpool jet apparatus having means for circulating water within a whirlpool without routing the whirlpool water through circulation piping.

5. GENERAL REQUIREMENTS

- 5.1** Whirlpool bathtubs shall comply with the applicable requirements of ASME A112.19.7.
- 5.2** Unitized jet/suction fittings shall comply with the applicable requirements of Section 3 in ASME A112.19.7.
- 5.3** Unitized jet/suction fittings and pumps shall be removable from the inside of the bathtub.
- 5.4** Electrical components shall meet the applicable requirements of UL 1795.
- 5.5** **Operation, Use, and Care Instructions** – Operation, use and care instructions shall contain the following minimum information:
- a). Operation and use of the pipeless whirlpool bathtub: Instructions and precautionary warnings on the general operation and use of the whirlpool bathtub appliance by the consumer shall be provided.
 - b). Care and maintenance of the bathtub, unitized jet/suction fitting: To ensure complete safety from contamination, the bathtub shell and each unitized/jet suction fitting should be thoroughly cleaned after every use of the whirlpool bathtub. At a minimum, both the bathtub shell and each unitized/jet suction fitting should be cleaned with soap and water.
 - c). Method for cleaning a unitized/jet suction fitting: Remove all components contained within each unitized/jet suction fitting. Thoroughly clean each component part and the inside of each jet casing before re-assembly.

6. TESTING REQUIREMENTS

- 6.1** **Water Retention Test** - The pipeless whirlpool bathtub shall be tested according to the following procedure.
- a) The whirlpool bathtub appliance shall be positioned in a level and connected position, in accordance with the manufacturer's installation instructions. Directional jets, which are not self-adjusting, shall be positioned horizontally.

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