

IAPMO IGC 115-2013

Automatic Water Leak Detection Devices



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Automatic Water Leak Detection Devices

1 Scope

- 1.1** This Standard covers automatic water leak detection and control devices and automatic water leak detection and shut-off devices in sizes NPS-1/4 to NPS-10 and specifies requirements for materials, physical characteristics, performance testing, and markings.
- 1.2** The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.
- 1.3** Proposals for amendments to this Standard will be processed in accordance with the standards writing procedures of IAPMO.
- 1.4** The user's attention is called to the possibility that compliance with this Standard may require use of an invention covered by patent rights. By publication of this Standard, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details can be obtained from 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.

ASME B1.20.1	Pipe Threads, General Purpose (Inch)
ASME B16.18	Cast Copper Alloy Solder Joint Pressure Fittings
ASME B16.22	Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings
ASSE 1002	Performance Requirements for Anti-Siphon Fill Valves for Water Closet Tanks
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers—Tension
ASTM D572	Standard Test Method for Rubber Deterioration by Heat and Oxygen
ASTM D1414	Standard Test Methods for Rubber O Rings
ASTM D2000	Standard Classification System for Rubber Products in Automotive Applications
ASTM D2672	Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement