

IAPMO IGC 283-2011a

# Electro-Pneumatic Backwater Prevention Systems



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## Electro-Pneumatic Backwater Prevention Systems

### 1 Scope and Purpose

- 1.1** This Standard covers electro-pneumatic backwater prevention systems and specifies minimum 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 electro-pneumatic backwater prevention systems;
  - (b) serving as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; and
  - (c) promoting understanding regarding materials and manufacturing of electro-pneumatic backwater prevention systems.
- 1.3** The requirements of this Standard are not intended to prevent the use of alternate materials or methods of construction provided any such alternates meet the intent of this Standard.
- 1.4** Amendments to this Standard will be made after processing according to the standards writing procedures of IAPMO.
- 1.5** 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 amendment published thereto.

ASTM A74	Standard Specification for Cast Iron Soil Pipe and Fittings
ASTM A888	Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications
ASTM C564	Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings
ASTM C1440	Standard Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems
ASTM D395	Standard Test Methods for Rubber Property—Compression Set
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension
ASTM D471	Standard Test Method for Rubber Property—Effect of Liquids