

ANSI/AWWA **C703-19**
(Revision of ANSI/AWWA C703-15)

AWWA Standard

Cold-Water Meters— Fire-Service Type

Effective date: May 1, 2020.

First edition approved by Board of Directors May 23, 1923.

15th edition approved Oct. 28, 2019.

Approved by American National Standards Institute Nov. 21, 2019.



American Water Works
Association



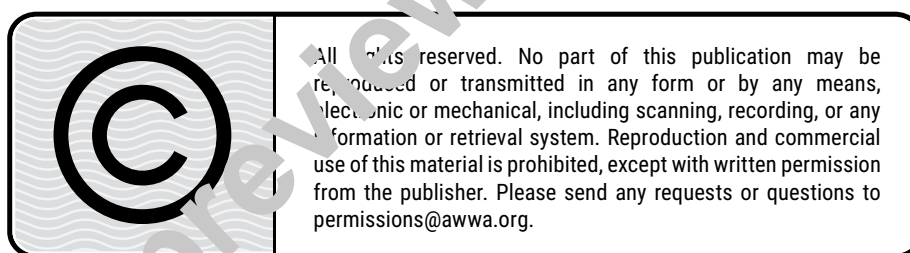
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ISBN-13, print: 978-1-64717-000-4

ISBN-13, electronic: 978-1-61300-543-9

DOI: 10.12999/AWWA.C703.19

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AWWA Standard

Cold-Water Meters—Fire-Service Type

SECTION 1: GENERAL

Sec. 1.1 Scope

This standard describes the various types and classes of cold-water fire-service-type meters in sizes 3 in. (80 mm)* through 10 in. (250 mm), and the materials and workmanship used in their fabrication. A fire-service meter shall consist of one of the following:

A. A combination of (1) a mainline meter of the turbine type (class II), either Underwriters Laboratories[†] (UL) listed or FM Global Research[‡] (FM) approved; (2) either a UL-listed or an FM-approved fire-service strainer; (3) a bypass meter of the appropriate size for measuring low flow rates; and (4) an automatic valve for diverting flow rates other than fire demand through the bypass meter.

B. A combination of (1) a mainline meter of the turbine type (class II), either UL listed or FM approved; and (2) either a UL-listed or an FM-approved fire-service strainer.

* Metric conversions given in this standard are direct conversions of US customary units and not those specified in International Organization for Standardization (ISO) standards.

[†] Underwriters Laboratories, 333 Pfingsten Road, Northbrook, IL 60062.

[‡] FM Global, 270 Central Avenue, Johnston, RI 02919.