

IAPMO TS 36-2022



Industry Standard for

**Prefabricated Quick Connect Fittings
with Reinforced Hoses for Recreational-
Vehicle Pressurized Water Systems**



IAPMO Standard

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Preface

This is the first edition of IAPMO TS 36, Prefabricated Quick Connect Fittings with Reinforced Hoses for Recreational-Vehicle Pressurized Water Systems.

This Standard was developed by the IAPMO Standards Review Committee (SRC) in accordance with the policies and procedures regulating IAPMO industry standards development, Policy S-001, Standards Development Process. This Standard was approved as an IAPMO Industry Standard on July 11, 2022.

Notes:

- (1) *The use of the singular does not exclude the plural (and vice versa) when the sense allows.*
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- (3) *This standard was developed using an open process and in accordance with IAPMO Standards Policy S-001, Standards Development Process, which is available on the IAPMO Standards website (www.IAPMOstandards.org).*
- (4) *During its development, this Standard was made available for public review, thus providing an opportunity for additional input from stakeholders from industry, academia, regulatory agencies, and the public at large. Upon closing of public review, all comments received were duly considered and resolved by the IAPMO Standards Review Committee.*
- (5) *This Standard was developed in accordance with the principles of consensus, which is defined as substantial agreement; consensus implies much more than a simple majority, but not necessarily unanimity. It is consistent with this definition that a member of the IAPMO Standards Review Committee might not be in full agreement with all sections of this Standard.*
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- (7) *IAPMO Standards are subject to periodic review and suggestions for their improvement will be referred to the IAPMO Standards Review Committee. To submit a proposal for change to this Standard, you may send the following information to the International Association of Plumbing and Mechanical Officials, Attention Standards Department, at standards@IAPMOstandards.org or, alternatively, at 4755 East Philadelphia Street, Ontario, California, 91761, and include "Proposal for change" in the subject line:*
 - (a) *standard designation (number);*
 - (b) *relevant section, table, or figure number, as applicable;*
 - (c) *wording of the proposed change, tracking the changes between the original and the proposed wording; and*
 - (d) *rationale for the change.*
- (8) *Requests for interpretation should be clear and unambiguous. To submit a request for interpretation of this Standard, you may send the following information to the International Association of Plumbing and Mechanical Officials, Attention Standards Department, at standards@IAPMOstandards.org or, alternatively, at 4755 East Philadelphia Street, Ontario, California, 91761, and include "Request for interpretation" in the subject line:*
 - (a) *the edition of the standard for which the interpretation is being requested;*
 - (b) *the definition of the problem, making reference to the specific section and, when appropriate, an illustrative sketch explaining the question;*
 - (c) *an explanation of circumstances surrounding the actual field conditions; and*
 - (d) *the request for interpretation phrased in such a way that a "yes" or "no" answer will address the issue.*
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IAPMO TS 36-2022

Prefabricated Quick Connect Fittings with Reinforced Hoses for Recreational-Vehicle Pressurized Water Systems

1 Scope

1.1 Scope

This Standard covers quick connect fittings for use with flexible reinforced hoses compliant with IAPMO TS 25 intended for use in pressurized hot- and cold-water systems in recreational vehicles and specifies requirements for materials, physical characteristics, performance testing, and markings.

1.1.2 Quick connect fittings covered by this standard may include but are not limited to the following:

- (a) Valves;
- (b) Couplings;
- (c) Adaptors;
- (d) Plugs;
- (e) Manifolds;
- (f) Backflow preventers;
- (g) Kitchen, sink, and lavatory supply fittings;
- (h) Bath and shower supply fittings; and
- (i) Pressure regulators.

1.2 Alternative Materials

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 Terminology

In this Standard,

“shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;

“should” is used to express a recommendation, but not a requirement;

“may” is used to express an option or something permissible within the scope of the Standard; and

“can” is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.