

# IAPMO RESEARCH AND TESTING, INC.

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## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

*Issued To:*

### Flow Dynamics LLC.

PO BOX 231021 ENCINITAS, CA 92023 , United States

*Product:*

### Lead Free Plumbing Products

*Products are in compliance with the following standard(s)*  
**Section 1417(d) of the Federal Safe Drinking Water Act, and  
The lead content requirements of Section 116875 of the  
California Health & Safety Code  
NSF/ANSI 372-2016**

File Number: 8905

Revised Date: April 13, 2021

Effective Date: November 2019

Void After: November 2024\*

  
Chairman, Product Certification Committee



  
Chief Technical Service Officer

\*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at [pld.iapmo.org](http://pld.iapmo.org)

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

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Product: Lead Free Plumbing Products

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### Identification:

Each product shall bear permanent and legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall bear the appropriate IAPMO R&T certification mark. The product may also bear either "Lead Free" or "Low Lead" above or in close proximity to the IAPMO R&T certification mark.

### Characteristics:

Products may include any pipe, pipe fitting, solder, flux, or other plumbing products providing water for human consumption. Products listed below are to be installed in accordance with the manufacturer's instruction. These products have been verified with weighted average lead content  $\leq 0.25\%$ ; Solder and flux lead content  $\leq 0.2\%$ .

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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### Models

Model Number	Description
SM-75-00	3/4" Smart Valve, Single End
SM-75-00D	3/4" Smart Valve, Double End
AFC-1-55-50015D	1" Smart Valve, Double End
AFC-1.5-55-50014	1-1/2" Smart Valve, Single End
AFC-1.5 55-50014D	1-1/2" Smart Valve, Double End
AFC-2-55-50013	2" Smart Valve, Single End
AFC-2-55-50013D	2" Smart Valve, Double End
AFC-3-55-50012	3" Smart Valve
AFC-4-55-50010	4" Smart Valve
AFC-6-55-5008	6" Smart Valve
AFC-8-55-5006	8" Smart Valve
AFC-10-55-5004	10" Smart Valve
AFC-12-55-5002	12" Smart Valve

### Gen 2

Model Number	Description
11550	0.75" Smart Valve, G2
11540	1.0" Smart Valve, G2
10395	1.5" Smart Valve, G2
10227	2.0" Smart Valve, G2
11525	3.0" Smart Valve, G2
11530	4.0" Smart Valve, G2
11155	6.0" Smart Valve, G2
11150	8.0" Smart Valve, G2
11120	10" Smart Valve, G2
11160	12" Smart Valve, G2

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