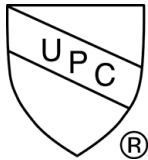


IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



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:

HYDRO SYSTEMS CO.

3798 ROUND BOTTOM RD CINCINNATI, OH 45244 , United States

Product:

Performance Requirements for Chemical Dispensing Systems with Integral Backflow Protection

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
International Plumbing Code (IPC®)

Products are in compliance with the following standard(s)

ASSE 1055-2016

File Number: 3530

Effective Date: January 2019

Void After: January 2024*


Chairman, Product Certification Committee



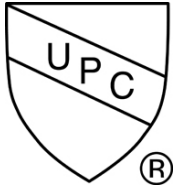

Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

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.

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: HYDRO SYSTEMS CO.

Effective Date: January 2019

File Number: 3530

Product: Performance Requirements for Chemical Dispensing Systems with Integral Backflow Protection

Void After: January 2024

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Identification:

Each device shall be permanently marked with the manufacturer's name or trademark, model number, date of manufacture or serial number or other marking consistent with the manufacturer's standard practice, rated working pressure range, and water temperature range. A device whose outlet uses an NHT hose thread per ASME B1.20.1 shall be marked with the direction of flow. A device that has an atmospheric vacuum breaker (AVB) conforming to ASSE 1001 as its method of backflow protection shall indicate the critical level of the AVB at least 1in (25.4mm) below the actual critical level. Text near the critical level mark shall read "Outlet shall be no higher than critical level." Both markings and text shall be visible after installation on the outside of the device. The product shall also bear the UPC® certification mark.

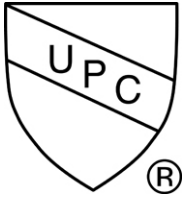
Characteristics:

Chemical dispensing systems having integral backflow protection shall be designed to withstand a supply pressure of at least 125.0 psi (861.9 kPa). Cold water devices shall withstand temperatures up to 120 °F (48.9 °C) and hot water devices shall withstand temperatures up to 180 °F (82.2 °C). These devices shall operate within the full pressure and temperature ranges as indicated by the manufacturer. To be installed with other listed fittings, in accordance with the manufacturer's instructions, and the requirements of the latest edition of the Uniform Plumbing Code.

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

Note: The following models shall bear the cUPC® certification mark.

Multiflex Chemical Dispensing Systems

Model Number	Description
881200	1 Valve units
881400	1 Valve units
881800	1 Valve units
885200	1 Valve units
885300	1 Valve units
881215	2 valve units
881216	2 valve units
881217	2 valve units
881218	2 valve units
881415	2 valve units
881416	2 valve units
881417	2 valve units
8814185	2 valve units

Sinkmaster

Air Gap Educator

Model Number
883AG-2
886AG

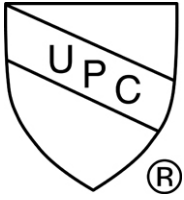
Sinkmaster

E-Gap Educator

Model Number

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Model Number

8831

886

AccuDose

Air Gap Eductors

Model Number

3830AG—2

3833AG—2

3841AG—2

3844AG—2

3846AG—2

3850AG—2

3853AG—2

3856AG—2

3858AG—2

3871AG—2

3872AG—2

3874AG—2

3875AG—2

3876AG—2

AccuDose

E-Gap Eductors

Model Number

38301

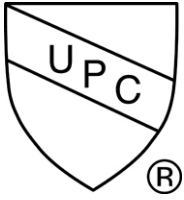
38331

38411

38441

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Model Number

38461

38501

38531

38561

38581

38711

38721

38741

38751

38761

AccuPro

Model Number

39XXAG

39xx1

Specials

Air Gap Eductors

Model Number

J100

CC4

Specials

E-Gap Eductors

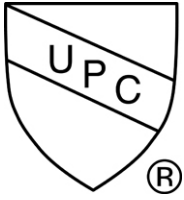
Model Number

J100

CC4

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Multi Product

Air Gap Eductors

Model Number
SMP-AG-2

Multi Product

E-Gap Eductors

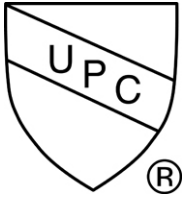
Model Number
SMP

QDV

Model Number
8420
8422
8423
8424
8425
8428
8430
8432
8433
8434
8435
8438
8440
8441
8442
8443

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HydroChems

Model Number	Description
918PVB	
919PVB	Chemical Dispenser

Streamline

Air Gap Educator

Model Number
832AG—2
835AG—2
842AG—2
845AG—2
847AG—2
852AG—2
855AG—2
857AG—2
859AG—2
861AG—2
862AG—2
863AG—2
868AG—2
869AG—2

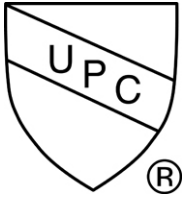
Streamline

E-Gap Educator

Model Number
8321
8351
8421

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Model Number

8451

8471

8521

8551

8571

8591

8611

8621

8631

8681

8691

AccuMax

Model Number

35XXAG

35XX1

Note: The following models shall bear the UPC® certification mark.

Maximizers

Air Gap Educator

Model Number

1832AG—2

1835AG—2

1847AG—2

1868AG—2

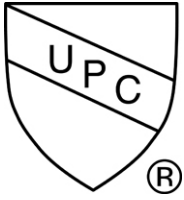
1876AG—2

2830AG—2

2833AG—2

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Model Number

2841AG—2

2844AG—2

2846AG—2

2848AG—2

2850AG—2

2853AG—2

2856AG—2

2858AG—2

2860AG—2

2864AG—2

2865AG—2

2866AG—2

2867AG—2

2871AG—2

2872AG—2

2874AG—2

2875AG—2

2876AG—2

Maximizers

E-Gap Educator

Model Number

18321

18351

18471

18681

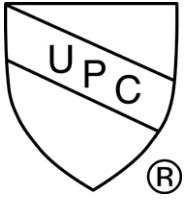
18761

28301

28331

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Model Number

28411

28441

28461

28481

28501

28531

28561

28581

28601

28641

28651

28661

28671

28711

28721

28741

28751

28761

TaskMizer

Air Gap Eductors

Model Number

48753

48773

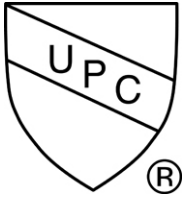
48793

TaskMizer

E-Gap Eductors

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Model Number

48331

48751

48761

48771

48781

48791

Specials

E-Gap Eductors

Model Number

Spartan 9050

Specials

Bleeding Valve

Model Number

1951