

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.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.

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039
Issued To: Acorn Engineering Company
Po Box 3527
15125 Proctor Ave.
City Of Industry, CA 91746

IDENTIFICATION: Each fitting 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 may also bear the term "California Lead Plumbing Law" or "Complies with California Lead Plumbing Law" above or in close proximity to the appropriate IAPMO R&T certification mark and if the products meet requirements of the Uniform Plumbing Code.

CHARACTERISTICS: Plumbing products to be installed in accordance with the manufacturer's instruction.
Manufactured in compliance with Section 116875 of the California Health & Safety 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.


Chairman, Product Certification Committee


Senior Director of R&T

For the most accurate and updated information please visit <http://pld.iapmo.org/6039>

This listing is for the period indicated herein and is void after the 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. Reproduction 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.



DOC#081A



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 2

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

MODELS:

A. Acorn Aqua Fountains & Coolers

A 4 4 2 X 00 B - FPO
I II III IV V VI VII VIII

I. A = Acorn Aqua Water Fountain Products

II. Mounting type: e.g. wall mount, deck mount, floor standing, concealed or barrier free, etc.
Number can be: 1, 2, 3, 4, 5, 6, 7, 8, 9, B or I.

III. Type or style: e.g. Cooler, Short Contoured, Box, Round, etc.

1 = Cooler

2, 3, 4, 5, or 6 = Fountains

8 = Fountain or Cooler

C, D, E, F, G, I or J = Fountains

IV. Quantity of Bubbler(s):

0, 1 or 2 for Coolers

1, 2 or 3 for Fountains

V. Cosmetic Variations: e.g. colors or finishes.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H or J.

VI. Cooling Capacity:

00 Representing no refrigeration for fountains.

01. 02. 03. 04. 05. 06. 07. 08. 09. 10. 14, 16 or 20 representing the gallon per hour (GPH)
cooling capacity for coolers.

VII. Bubbler Type:

B = Brass bubbler(s)

S = Stainless Steel bubbler(s)

F = Flexible bubbler(s)

L = Brass bubbler with lever handle valve



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 3

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

P = Brass push-button bubbler

0 = No bubbler (as in concealed coolers (chillers) type 9 in II above)

VIII. Options: A 3 character alphanumeric suffix representing various options including:

-WFX = Filter and attachments: WF1 (1,500 Gal.), WF2 (1,250 Gal.), WF3 (In-line 1,250 Gal.)

-GF1 = Cold Water Glass Filler

-P = Push Button

-SO = Sensor Operated Valve

-HGF = Hot Glass Filler

-FRAX = Freeze Resistant-Above Ground

-FRUX = Freeze Resistant-Under Ground

-PF = Pet Fountain

-JF1 = Jug Filler, Basic

-JF2 = Jug Filler with Recessed Push-Button

-JFFR1 = Jug Filler with Freeze Resistant

B. Murdock-Super Secur

Contemporary Fountains:

G R C 7 5 - FRA1
I II III IV V VI

I. G= Murdock-Super Secur Water Fountain Products

II. Type or Style

R= Round Steel

S= Square Steel

U= Round concrete

V= Square Concrete

W= Basic Models

X= Coolers

III. Mounting Type and Quantity of Bubblers

A= Basic model wall mounted, with lever valve

B= Basic model wall mounted, with pushbutton valve



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 4

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

C= Wall mounted, single-level fountain
D= Wall mounted, bi-level fountain.
E= Wall mounted, single-level fountain.
F= Pedestal single-level barrier-free fountain.
J= Pedestal single-level vandal-resistant fountain.
M= Pedestal bi-level barrier-free fountain.
Q= Pedestal tri-level barrier-free fountain.
T= Free-standing pet fountain

IV. Placeholder for Variations

V. Cosmetic Variations

4= Stainless Steel
5= Fairway green
6= Firehouse Red
7= Alpine blue
8= Tan concrete
9= Brown Concrete

VI. Options

A 3 character alphanumeric suffix representing various options including,

-WFX= filter and attachments: WF1 (1,500 Gal.), WF2 (1,250 Gal.), WF3 (In-line 1,250 Gal.)
-GF1= Cold Water Glass Filler
-P= Push Button
-SO= Sensor Operated Valve

C. Bubblers & Bubbler Assembly

Models:

2990-070-000
2990-013-000
2990-080-001
2990-081-001
2990-082-001
2990-083-001
7000-012-000



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 5

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

D. Air Control/Solenoid Operated Valves for Acorn's Penal-ware, Dura-ware & Replace-ware

04 - M - MA4 - BP
I II III IV

I. Valve type

03 = Single temp pneumatic activated valve
04 = Hot and cold pneumatic activated valve
EVS1= Master-Trol single temp solenoid activated valve
EVS2= Master-Trol H/C solenoid activated valve
MVC1= Time-Trol single temp solenoid activated valve
MVC1-BAT= Time-Trol single temp battery activated valve
MVC2= Time-Trol H/C solenoid activated valve
MVC2-BAT= Time-Trol H/C battery activated valve
BRS= Brass Body Valves

II. Metering

Blank= Non-Metering
M= Metering
MH= Metering Hot side only

III. Manifoldded Valve

Blank= Non-Manifoldded
MA2= Manifold for 2 bubblers
MA3= Manifold for 3 bubblers
MA4= Manifold for 4 bubblers
FP= Freeze Resistant Box

IV. Bubbler(s)

BP= Penal Bubbler
BC= Code Bubbler
LF= Lavy Filler
BPH= Hemispherical Penal Bubbler
DMS= Deck Mounted Spout



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 6

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

DMB-P= Penal Deck Mounted Bubbler

DMB-C= Code Deck Mounted Bubbler

E. Murdock-Super Secur Traditional Fountains

Models: M-1776, M-30, M-34, M-40, M-23-2J, M-23-PFJ, M-43-CSA-2J, M-43-CSA-PFJ, M-43-2J, M-43-PFJ, M-54-2J, M-54-PFJ, M-84, M-23-2S, M-23-PFS, M-43-CSA-2S, M-43-CSA-FPS, M-43-2S, M-43-PFS, M-54-2S, M-54-PFS, M-OW-2S, M-C76-3, M-C76-2B-PF, M-C76-2B, M-C76-1-1, M-C76-1-PF, M-C76-1, M-23-3, M-23, M-43-CSA, M-43, M-33, M-53, M-54, M-OW1, M-55, M-33-AVAF, M-53-AVAF, M-23-AVAF, M-43-2-AVAF, M-43-CSA-AVAF, M-43-PF-AVAF, M-54-2-AVAF, M-54-PF-AVAF, M-23-3-AVAF, M-23-2-AVAF, M-23-PF-AVAF, M-43-CSA-2-AVAF, M-43-CSA-PF-AVAF, M-43-AVAF, M-C76-1-AVAF, M-54-AVAF, M-84-AVAF, M-OW-AVAF

F. Murdock- Super Secur Fixtures

1011-1, 1011-2, 1013-CSSA, 1013A-CSSA, 1013-SO2, 1013A-SO2, 1013-ST5, 1013A-ST5, 1042

G. Murdock- Super Secur Water Heaters

1190, 1191, 1192

H. Care Ware

Models: MAEA0067-001, 4010-VF, 4012-VF, 4015-VF, 4030-VF, 4032-VF, 4035-VF, 4010BIS-VF, 4012BIS-VF, 4015BIS-VF, 4030BIS-VF, 4032BIS-VF, 4035BIS-VF, MAEA0068-001, 4010-VF-LS, 4012-VF-LS, 4015-VF-LS, 4030-VF-LS, 4032-VF-LS, 4035BIS-VF-LS, 4035-VF-LS, 4010BIS-VF-LS, 4012BIS-VF-LS, 4015BIS-VF-LS, 4030BIS-VF-LS, 4032BIS-VF-LS, MAEA0069-001, 4050-VF, 4055-VF, MAEA0070-001, 4042-VF, 4044-VF, 4047-VF, 4048ADA-VF, 4049-VF, 4060-VF, 4065-VF, MAE0071-001, 4042-VF-LS, 4044-VF-LS, 4047-VF-LS, 4048-ADA-VF-LS, 4049-VF-LS, 4060-VF-LS, 4065-VF-LS, MAEA0072-001, 4050, 4055

I. Chromomite Flow Controls



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 7

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

Models: A-710-1.5-LF, A-710-2.0-LF, A-710-2.5-LF, A-710VR-1.5-LF, A-710VR-2.0-LF, A-710VR-2.5-LF, A-792-1.5-LF, A-792-2.0-LF, A-792-2.5-LF, L-212-0.5 Rosetta, L-200-0.5 Rosetta, L-210-0.5 Rosetta, L-212-1.0 Soft, L-200-1.0 Soft, L-210-1.0 Soft, L-200-0.5 Soft, L-200VR-0.5 Soft, L-210-0.5 Soft, L-210VR-0.5 Soft, L-212-0.5 Soft, A-212-1.0 Laminar, A-200VR-1.0 Laminar, A-210-1.0 Laminar, A-210VR-1.0 Laminar, A-200-1.0 Laminar, A-200-1.5 Laminar, A-200VR-1.5 Laminar, A-210-1.5 Laminar, A-210VR-1.5 Laminar, A-212-1.5 Laminar, A-200-2.0 Laminar, A-200VR-2.0 Laminar, A-210-2.0 Laminar, A-210VR-2.0 Laminar, A-212-2.0 Laminar, A-200-2.5 Laminar, A-200VR-2.5 Laminar, A-210-2.5 Laminar, A-210VR-2.5 Laminar, A-212-2.5 Laminar, A-412-1.5-LF, A-410-1.0-LF, A-400-1.0-LF, A-910VR-1.0-LF, A-400-1.5-LF, A-400VR-1.5-LF, A-410-1.5-LF, A-410VR-1.5-LF, A-412-1.0-LF, A-910VR-1.5-LF, A-400-2.0-LF, A-400VR-2.0-LF, A-410-2.0-LF, A-410VR-2.0-LF, A-412-2.0-LF, A-910VR-2.0-LF, A-400-2.5-LF, A-400VR-2.5-LF, A-410-2.5-LF, A-410VR-2.5-LF, A-412-2.5-LF, A-910VR-2.5-LF, L-412-0.5-R-LF, L-410-0.5-R-LF, L-400-0.5-R-LF, L-910VR-0.5-R-LF, L-412-0.5-S-LF, L-400VR-0.5-S-LF, L-410-0.5-S-LF, L-410VR-0.5-S-LF, L-400-0.5-S-LF, L-910VR-0.5-S-LF, L-412-0.5-NP, L-410-0.5-NP, L-400-0.5-NP, L-910VR-0.5-NP, L-400-1.0-NP, L-410-1.0-NP, L-412-1.0-NP, L-910VR-1.0-NP, A-412-1.0-NP, A-400-1.0-NP, A-410-1.0-NP, A-910VR-1.0-NP, A-400-1.5-NP, A-410-1.5-NP, A-412-1.5-NP, A-910VR-1.5-NP, A-400-2.0-NP, A-410-2.0-NP, A-412-2.0-NP, A-910VR-2.0-NP, 306-LF, 339-LF, 349-LF, L-212-1005 Soft, A-212-1505 Laminar, A-212-2520 Laminar

J. Chronomite Water Heaters

M - 40 L / 240 - PV SSP 120 F
I II III IV V VI VII VIII

I. Series Type

M= Micro

SR= Instant Flow With Relay

II. Amperage Rating

Example: 15= 15 AMPS

III. Flow Type

L= Low Flow

EW= Eye Wash Flow

LLMB= Low Flow for Modular Building



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 8

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

Blank= Standard Flow

IV. Voltage Rating

Number can be 120, 208, 240 or 277

V. Applications

PV= Certified per Puerto Rico Requirements

ME= Certified per Monsam Enterprise Requirements

LV= Certified per Clark County Nevada Requirements

MAP= Certified per Modular Requirements

Blank= Certified per U.S.A. Requirements

VI. Housing Type

HTR= Aluminum

SS= Stainless Steel

SSP= Stainless Steel Polished

P= Plastic

VII. Temperature Setting

Number can be between 40 and 140, or blank

VIII. Temperature Scale

F or Blank = Fahrenheit

C= Celsius

S - 46 L / 277 - CD HTR
I II III IV V VI

I. Series Type

S= Instant Flow Without Relay

II. Watts Rating

Example: 23= 2300 Watts

III. Flow Type

L= Low Flow



IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING

Page 9

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

Blank= Standard Flow
LLMB= Low Flow for Modular Building
WMB= Standard Flow for Modular Building

IV. Voltage Rating
Number can be 120, 208, 240, or 277

V. Applications
CD= Certified per Canadian Requirements
Blank= Certified per U.S.A. Requirements

VI. Housing Type
HTR= Aluminum
SS= Stainless Steel
SSP= Stainless Steel Polished
P= Plastic

E - 30 R L LP / 208 - CD HTR
I II III IV V VI VII VIII

I. Series Type
E= Instant Temp

II. Watts Rating
Example: 30= 3000 Watts

III. Temperature Control Option
R= Remote Control
F or Blank= Fixed Temp

IV. Flow Type
L= Low Flow
S or Blank= Standard Flow
EW= Eye Wash Flow



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Page 10

-Rev. 11/30/2009-

Void After: April 2010

Product: California Lead Plumbing Law - Devices and Components File No. 6039

Issued To: Acorn Engineering Company

V. Options

LP= Low Pressure

Blank= Standard Pressure

VI. Voltage Rating

Number can be 120, 208, 240, or 277

VII. Applications

CD= Certified per Canadian Requirements.

Blank= Certified per U.S.A. Requirements.

VIII. Internal Assembly Indicator

HTR= Finished Heater

DI= De-ionized Stainless Steel Header