

# 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.

-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.



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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



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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 V1

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



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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



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### 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



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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**



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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



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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



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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



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### 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