

IAPMO RESEARCH AND TESTING, INC.

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IAPMO R&T Product Listing

This IAPMO R&T Listing is current as of August 18, 2020

File Number:

6039

Issued To:

ACORN ENGINEERING COMPANY

15125 PROCTOR AVE. P.O. BOX 3527 CITY OF INDUSTRY, CA , 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

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Issued To: ACORN ENGINEERING COMPANY

File Number: 6039

Product: Lead Free Plumbing Products

This IAPMO R&T Listing is current as of August 18, 2020

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.

Models

Note: Models denoted by an "*" are also in compliance with NSF/ANSI 372

Brand Names: ACORN, ACORN CONTROLS, MURDOCK, WHITEHALL and BESTCARE

A. Acorn Aqua Fountains & Coolers

Legend Format

A-4- 4-2-X-00-B-FP0

I-II-III-IV-V-VI-VII-VIII

I. A Acorn Aqua Water Fountain Products

II. 4 Mounting type: e.g. wall mount, deck mount, floor standing, concealed or barrier free, etc.

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, B or I

III. 4 Type or style: e.g. Cooler, Short Contoured, Box, Round, etc.

0 Accessory

1 Cooler

2, 3, 4, 5, or 6 Fountains

7 Single Button Cooler

8 Recessed Fountains or Coolers

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

IV. 2 Quantity of Bubbler(s)

0, 1 or 2 Coolers

1, 2 or 3 Fountains

V. X 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. 00

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. B Bubbler Type

B Brass bubbler(s)

S Stainless Steel bubbler(s)

F Flexible Bubbler(s)

L Brass bubbler with lever handle valve

P Brass push-button bubbler

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

VIII. FPO Options: An alphanumeric suffix representing various options including

-A Front access panel (chillers only)

-FG Fourteen Gauge Stainless Steel Construction

-FPO Foot Pedal Operation

-WFX Filter and attachments: WF1 (1,500 Gal.), WF2 (1,250 Gal.), WF3 (2 x 1,500 Gal.)

-GF1 Cold Water Glass Filler

-P Push Button

-SO Sensor Operated Valve

VIII. FPO**Options: An alphanumeric suffix representing various options including**

-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
-RBL	Reverse Bi-Level
-UBL	Universal Bi-Level
-VR	Vandal Resistant
-W32	32" Wide Back Panel Bi-Level
-BF2	Bottle Filler, Sensor Op.
-BF1	Bottle Filler, Push Button
-BF3YZ	Pushbutton, Semi Recessed w/Integral Drain
-BF4YZ	Sensor Operated, Semi Recessed w/Integral Drain
-BF11Y	Pushbutton, Cooler Mount
-BF12Y	Sensor Operated, Cooler Mount
-BF13YZ	Pushbutton, Semi Recessed w/Integral Drain
-BF14YZ	Sensor Operated, Semi Recessed w/Integral Drain
-BF15YZ	Pushbutton, Surface Mount w/Integral Drain
-BF16YZ	Sensor Operated, Surface Mount w/Integral Drain
-BCD	Bottle Counter Display
Y =	Blank or S for SS finish or a 4 digit number to indicate various colors
Z =	Blank or 8 for Bottle Filler/ Chiller (A9100080-A) combination

Bottle Filler Models

Base Model	Description
BF1Y	Pushbutton, Cooler Mount
BF2Y	Sensor Operated, Cooler Mount
BF3YZ	Pushbutton, Semi Recessed w/Integral Drain
BF4YZ	Sensor Operated, Semi Recessed w/Integral Drain
BF11Y	Pushbutton, Cooler Mount
BF12Y	Sensor Operated, Cooler Mount
BF13YZ	Pushbutton, Semi Recessed w/Integral Drain
BF14YZ	Sensor Operated, Semi Recessed w/Integral Drain
BF15YZ	Pushbutton, Surface Mount w/Integral Drain
BF16YZ	Sensor Operated, Surface Mount w/Integral Drain
OBF1-X	Pushbutton, Outdoor
OBF2-X	Sensor and/or Pushbutton Operated, Outdoor
X	
PF	pet fountain
FRU1	freeze resistant, 1 valve

X

FRU2	freeze Resistant, 2 valves
------	----------------------------

Y **Y=Blank or any combination of the following**

R	Retrofit configuration
---	------------------------

BCD	Bottle Counter Display
-----	------------------------

WF1	single Water Filter (1,500 Gal.)
-----	----------------------------------

WF3	double Water Filter (2 x 1,500 Gal.)
-----	--------------------------------------

S	SS finish or a 4 digit number to indicate various colors
---	--

Z

8	Bottle Filler/ Chiller (A9100080-A) combination
---	---

Freeze Resistant Valve Assemblies for Drinking Fountains

Model Number	Description
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*4103-043-001	Single Valve, LK Style
---------------	------------------------

*4103-044-001	Dual Valve, LK Style
---------------	----------------------

*7000-132-001	FRU1, One Valve
---------------	-----------------

*7000-131-001	FRU2, Two Valves
---------------	------------------

*7000-130-001	FRU3, Three Valves
---------------	--------------------

*7000-115-001	FRU4, Four Valves
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Murdock-Super Secur Contemporary Fountains**Legend Format**

G-R-C-7-5-FRA1

I-II-III-IV-V-VI

I. G **Murdock Contemporary Drinking Water Fountain Products****II. R** **Type or Style**

R	Round Steel
---	-------------

S	Square Steel
---	--------------

U	Round Concrete
---	----------------

V	Square Concrete
---	-----------------

W	Basic Models
---	--------------

X	Coolers
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III. C **Mounting Type and Quantity of Bubblers**

A	Basic model wall mounted, with lever valve
---	--

B	Basic model wall mounted, with pushbutton valve
---	---

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.
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III. C	Mounting Type and Quantity of Bubblers
M	Pedestal bi-level barrier-free fountain.
Q	Pedestal tri-level barrier-free fountain.
T	Free-standing pet fountain
IV. 7	Placeholder for Variations
V. 5	Cosmetic Variations
4	Stainless Steel
5	Fairway green
6	Firehouse Red
7	Alpine blue
8	Tan concrete
9	Brown Concrete
VI. FRA1	Options: An alphanumeric suffix representing various options including
-WFX	filter and attachments: WF1 (1,500 Gal.), WF2 (1,250 Gal.), WF3 (2 x 1,500 Gal.)
-GF1	Cold Water Glass Filler
-P	Push Button
-SO	Sensor Operated Valve
-FG	Fourteen Gauge Stainless Steel Construction
-FPO	Foot Pedal Operation
-RBL	Reverse Bi-Level
-UBL	Universal Bi-Level
-VR	Vandal Resistant
-W32	32" Wide Back Panel Bi-Level
-BF2	Bottle Filler, Sensor Op.
-BF1	Bottle Filler, Push Button

Murdock Traditional Models

Legend Format

M-23-A-(PF-FRU2)

I-II-III-IV

I. M	Murdock Traditional Drinking Water Fountain Product
II. 23	Fountain Style
23	Rectangular Bowl, Pedestal
33	Rectangular Bowl, Wall Mounted
43	Octagonal Bowl, Pedestal
53	Octagonal Bowl, Wall Mounted
C76	Round Bowl, Pedestal
III. A	Bowl Position
A	Arm Mounted
B	Bilevel Bowls Mounted on Arm and Pedestal
C	Bowl Mounted on Pedestal

III. A	Bowl Position
D	Two Bowls Mounted on Two Arms (M-C76 Series Only)
E	Two Bowls Mounted on Two Arms and One Bowl on Pedestal (M-C76 Series Only)
W	Wall Mounted
IV. PF-FRU2	Options
CH30	Additional Arm with Bowl at Child ADA Height
FRU1	Freeze Resistant Valve, One Valve
FRU2	Freeze Resistant Valves, Two Valves
HB1	Hose Bibb Faucet with Vacuum Breaker
JF1	Jug Filler with Lever Handle
JF2	Jug Filler with Pushbutton Valve
PF	Pet Fountain with Pushbutton Valve
PFS	Pet Fountain with Lever Handle Valve

Bottle Filler Models

Base Model	Description
MCBF3	Indoor Bottle Filler, Pushbutton
MCBF4	Indoor Bottle Filler, Sensor Op
M-OBFMX*-XXXX	Outdoor Bottle Filler, Pushbutton
M-OBFX*-XX	Outdoor Bottle Filler, Sensor Op & Pushbutton
X*	A digit or letter signifying exterior color or finish
XX	
PF	Pet Fountain
FRU1	Freeze Resist, 1 Valve
FRU2	Freeze Resist, 2 Valves

C. Bubblers & Bubbler Assembly

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

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

Legend Format
04-M-MA4-BP

Legend Format

I-II-III-IV

I. 04	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. M	Metering
Blank	Non-Metering
M	Metering
MH	Metering Hot side only

III. MA4	Manifolded Valve
Blank	Non-Manifolded
MA2	Manifold for 2 bubblers
MA3	Manifold for 3 bubblers
MA4	Manifold for 4 bubblers
FP	Freeze Resistant Box

IV. BP	Bubbler(s)
BP	Penal Bubbler
BC	Code Bubbler
LF	Lavy Filler
BPH	Hemispherical Penal Bubbler
DMS	Deck Mounted Spout
DMB-P	Penal Deck Mounted Bubbler
DMB-C	Code Deck Mounted Bubbler

E. Murdock Classic Fountains**Model Number**

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

Model Number

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

Model Number

M-OW-AVAF

F. Murdock Fixtures**Model Number**

1011-1

1011-2

1013-CSSA

1013A-CSSA

1013-SO2

1013A-SO2

1013-ST5

1013A-ST5

1042

G. Murdock Water Heaters**Model Number**

1190

1191

1192

H. Care Ware**Model Number**

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

Model Number

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**Model Number**

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

Model Number

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

Model Number

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. Chromomite Water Heaters**Legend Format**

M-40-L / 240-PV-SSP-120-F

I-II-III-IV-V-VI-VII-VIII

I. M Series Type

M	Micro
SR	Instant Flow With Relay

II. 40 Amperage Rating

15, 20, 30, or 40	15 AMPS, 20 AMPS, 30 AMPS, or 40 AMPS
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III. L Flow Type

L	Low Flow
EW	Eye Wash Flow
LLMB	Low Flow for Modular Building
Blank	Standard Flow

IV. 240 Voltage Rating

120, 208, 240 or 277

V. PV 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. SSP Housing Type

HTR	Aluminum
SS	Stainless Steel
SSP	Stainless Steel Polished
P	Plastic

VII. 120 Temperature SettingNumber can be between 40 and 140,
or blank**VIII. F Temperature Scale**

F or Blank	Fahrenheit
C	Celsius

J. Chromomite Water Heaters**Legend Format**

I II III IV V VI VII

Base Model Description

*R - 48 L / 240 – SS 120 F

I	Series Type
R	Instant-Temp (microprocessor controlled with relay) Mighty-Mite
II	Amperage Rating (amps)
	Number can be 48, 58, 63, 68 or 75
III	Flow Type
L	Low Activation
S	Standard Activation
H	High Activation
IV	Voltage Rating
	Number can be 208, 240 or 277
V	Options
SS	Stainless Steel Housing
SSP	Stainless Steel Polished Housing
N4	Nema 4 Cabinet
N4X	Nema 4 Cabinet
VI	Temperature Setting
	blank
	Number can be between 40 and 160
VII	Temperature Scale
F or Blank	Fahrenheit
C	Celsius

Legend Format

S-46-L / 277-CD-HTR

I-II-III-IV-V-VI

I. S	Series Type
S	Instant Flow Without Relay
II. 46	Watts Rating
18, 20, 23, 30, 46, 60, 70, 80, or 90	1800 Watts, 2000 Watts, 2300 Watts, 3000 Watts, 4600 Watts, 6000 Watts, 7000 Watts, 8000 Watts, or 9000 Watts
III. L	Flow Type
L	Low Flow
Blank	Standard Flow
LLMB	Low Flow for Modular Building
WMB	Standard Flow for Modular Building
IV. 277	Voltage Rating
	120, 208, 240, or 277
V. CD	Applications
CD	Certified per Canadian Requirements
Blank	Certified per U.S.A. Requirements
VI. HTR	Housing Type
HTR	Aluminum

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

Legend Format

E-30-R-L-LP / 208-CD-HTR

I-II-III-IV-V-VI-VII-VIII

I. E	Series Type
E	Instant Temp
II. 30	Watts Rating
18, 20, 23, 30, 46, 60, 70, 80, or 90	1800 Watts, 2000 Watts, 2300 Watts, 3000 Watts, 4600 Watts, 6000 Watts, 7000 Watts, 8000 Watts, or 9000 Watts
III. R	Temperature Control Option
R	Remote Control
F or blank	Fixed Temp
IV. L	Flow Type
L	Low Flow
S or blank	Standard Flow
EW	Eye Wash Flow
V. LP	Options
LP	Low Pressure
Blank	Standard Pressure
VI. 208	Voltage Rating
120, 208, 240, or 277	
VII. CD	Applications
CD	Certified per Canadian Requirements
Blank	Certified per U.S.A. Requirements
VIII. HTR	Internal Assembly Indicator
HTR	Finished Heater
DI	De-ionized Stainless Steel Header

Legend Format

I II III IV V VI VII

Base Model	Description
*ER - 60 L / 240 – SS 120 F	
I	Series Type
ER	Instant-Temp (microprocessor controlled with relay) High Capacity
II	Amperage rating (amps) (Total 1Φ Amps) e.g. 42 represents 24 A/Φ
Current Draw (ER single phase)	60
Current Draw (ER single phase)	80

II Amperage rating (amps) (Total 1Φ Amps) e.g. 42 represents 24 A/Φ

Current Draw (ER single phase)	90
Current Draw (ER single phase)	120
Current Draw (ER three phase)	42
Current Draw (ER three phase)	50
Current Draw (ER three phase)	60
Current Draw (ER three phase)	67
Current Draw (ER three phase)	90
Current Draw (ER three phase)	120

III Flow Type

L	Low Activation
S	Standard Activation
H	High Activation

IV Voltage Rating

voltage appears elsewhere on the label	blank
	208
	240
	277
	380
	415
	480
	600

V. Options

DI	Deionized
F	Factory Set Temperature
SS	Stainless Steel Housing
N4	Nema 4 Cabinet
N4X	Nema 4X Cabinet – 304 Stainless
X6	Nema 4X Cabinet – 316 Stainless
3P	Three Phase Power
A	Auxiliary Contact Block
Z	Siren - Beacon

VI Temperature Setting

	blank
	Number can be between 40 and 160

VII Temperature Scale

F or blank	Fahrenheit
C	Celsius

Legend Format

I II III IV V VI VII

Base Model Description

Base Model	Description
*ERB - 128 L / 240 – SS 120 F	
I	Series Type
ER	Instant-Temp (microprocessor controlled with relay)
II	Amperage Rating (Total 1Φ Amps) e.g. 360 represents 208 A/Φ
Current Draw	128
Current Draw	160
Current Draw	180
Current Draw	192
Current Draw	240
Current Draw	270
Current Draw	256
Current Draw	320
Current Draw	360
III	Flow Type
L	Low Activation
S	Standard Activation
H	High Activation
IV	Voltage Rating
voltage appears elsewhere on the label	blank
	208
	240
	380
	480
	600
V	Options
DI	Deionized
F	Factory Set Temperature
SS	Stainless Steel Housing
N4	Nema 4 Cabinet
N4X	Nema 4X Cabinet – 304 Stainless
X6	Nema 4X Cabinet – 316 Stainless
3P	Three Phase Power
A	Auxiliary Contact Block
B	Freeze Protection
G	GFCI
J	Fused Electrical Disconnect
K	Explosion Proof
U	Non-Fused Electrical Disconnect
Z	Siren - Beacon
VI	Temperature Setting
	blank
	Number can be between 40 and 160

VII **Temperature Scale**

F or Blank	Fahrenheit
C	Celsius

K. Hydrants and Hose & Supply Boxes**Model Number**

8101-SSLF

8102-SLF

8103-SSLF

8104-SSLF

8106-SSLF

8107-SSLF

8108-SSLF

8109-SSLF

8120-SSLF

8121-SSLF

8140-SSLF

8141-SSLF

8145-SSLF

8146-SSLF

8150-SSLF

8151-SSLF

8155-SSLF

8156-SSLF

8170-SSLF

8171-SSLF

8175-SSLF

8176-SSLF

L. Murdock Hydrants

ModelNumber	Description
*M-E10-BDX	3/4" Post Hydrant
*M-75-BDX	3/4" Post Hydrant
*M-E75-BDX	3/4" Post Hydrant
*M-E123-BDX	3/4" Post Hydrant with Lever Handle
*M-175-BDX	3/4" Self-Closing Lever Post Hydrant
*M-175VA-BDX	3/4" Self-Closing Lever Post Hydrant
*M-2000-BDX	3/4" Pedal-Operated Post Hydrant
*M-475-BDX	3/4" Box Hydrant
*M-E475-BDX	3/4" Box Hydrant
*M-V475-BDX	3/4" Box Hydrant with Vacuum Breaker
*M-V476-BDX	3/4" Box Hydrant with Vacuum Breaker
*M-477-BDX	3/4" Box Hydrant

ModelNumber	Description
*M-V477-BDX	3/4" Box Hydrant with Vacuum Breaker
*M-575-BDX	3/4" Box Hydrant with Locking Lid
*M-E575-BDX	3/4" Box Hydrant with Locking Lid
*M-577-BDX	3/4" Box Hydrant with Locking Lid
*M-100-BDX	1" Post Hydrant
*M-1100-BDX	1" Self-Closing Lever Post Hydrant
*M-2100-BDX	1" Pedal-Operated Post Hydrant
*M-5100-BDX	1" Box Hydrant
*M-6100-BDX	1" Box Hydrant with Locking Lid
*M-EXPELO-BDX	1" Sanitary Post Hydrant

X can indicate bury depth of 2 to 6 feet

-XXX The above models can be followed by "-XXX", denoting one of the following options

BFH	Double Ball Drain Check Valve
SWD	Sewer Drain Bottom Connection
LC-1	Locking Cover

M: MURDOCK BOTTLE FILLER AND FOUNTAIN COMBINATION MODELS

Model Number	Description
*M-OBAX-YYYY	Bottle filler on arm, wall mount
*GYM7X-YYYY	Bottle filler in pedestal with one fountain arm
*GYQ8X-YYYY	Bottle filler in pedestal with two fountain arms
*GYU6X-YYYY	Bottle filler on one arm pedestal
*GYV3X-YYYY	Fountain in pedestal with bottle filler on one arm and fountain on second arm
*GYW4X-YYYY	Bottle filler in pedestal with fountain on one arm and bottle filler on second arm

X denotes Exterior Color

Y denote various options as follows

CV	Cartridge valves for fountains
FRAI	Freeze resistant w/1 valve in wall
FRU1	Freeze resistant w/1 valve underground
FRU2	Freeze resistant w/2 valves underground
FRU3	Freeze resistant w/3 valves underground
FRU4	Freeze resistant w/4 valves underground
HB1	Hose bibb with vacuum breaker
HB3	Vandal-resistant hose bibb with vacuum breaker
MO	Less sensor, pushbutton only
PF	Pet Fountain

N: Thermostatic Mixing Valves Valve (TMV's)

Model Number

SV16

SV17-LVR

RSV16

ST70-12XX

ST70-38X

ST7069

STP7069-12S

ET71-1X

ET71-2X

ET71-3X

ET71-4X

MV17-1X

MV17-2X

MV17-3X

MV17-4X

MV17-5X

7818-075-001

7818-076-001

7818-077-001

7818-078-001

Note: *Models denoted by an asterisk are also in compliance with NSF/ANSI 372