

A171.8-UG Series

BASE MODEL A171108F-UG

BARRIER FREE, WALL MOUNTED
WATER COOLER

STANDARD FEATURES

- Rough-Ins Match Other Manufacturer's for Easy Replacement
- EZ Door® Filter, 30-Second Filter Replacement Option
- Lead-Free
- Apron and One-Piece Bottom Wrapper in #4 Satin Or Gray Powder Coat Finish
- Child or Adult ADA Compliant (When Properly Installed)
- Flexible, Low Flow, Anti-Microbial, Anti-Rotation, Non-Squirt Bubbler
- 100-Mesh Inlet Strainer
- Auto-Stop Allows Cartridge And Strainer Service Without Shutting Off Water Supply

SUGGESTED SPECIFICATIONS

Model A171108F-UG is a self-contained, pressurized Water Cooler that delivers a minimum of **8.0 GPH** (30.3 LPH) of water at 50°F (10°C) cooled from 80°F (26.7°C) inlet water and 90°F (32.2°C) ambient. Unit shall be activated from an Anti-Microbial front Pushbutton using less than 5 pounds of force. Bubbler shall deliver a 0.3 GPM flow, have an Anti-Microbial Flexible Guard with an integrally designed Non-Squirt feature and operate on a water pressure range of 20-105 PSIG. Basin shall be constructed from 304 Stainless Steel and have an Integral Drain. Cabinet shall be either Galvanized or Galvannealed Steel with Gray Powder Coat Finish or Stainless Steel with Satin Finish. Cooling system shall use R-134a Refrigerant and be Capillary Tube regulated. Unit shall be listed by Underwriters Laboratories for both the US and Canada and is to be compliant to ANSI/ASHRAE 18. Unit shall be certified to Public Law 111-380 (NO-LEAD) and NSF/ANSI/CAN 61. Fixture shall meet ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately. Unit shall still deliver ambient water temperature to the Bubbler in the absence of electrical power as long as there is a pressurized water supply.

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
A171108F-UG	8.0	335	4.1	82 lbs.

* GPH of 50°F water at 90°F ambient room temperature and 80°F inlet water temperature
Compressor motor operates on 115 Volt / 60 Hz single phase.

Complies with the following standards:



NSF/ANSI/CAN 61



Federal Public Law 111-380 (No Lead)



ANSI/ASHRAE 18



(220V Compressor Only)



Model A171108F-UG Shown
PATENT# 10,100,933



Maintenance Advantage®
Water Cooler by Murdock Manufacturing

"RATED FOR INDOOR USE ONLY"

MODEL:

(Must Specify)

FLEXIBLE BUBBLER

- ☐ A171108F-UG Gray Finish (Standard - Shown)
- ☐ A171408F-UG Satin Stainless Finish

STAINLESS STEEL BUBBLER

- ☐ A171108S-UG Gray Finish
- ☐ A171408S-UG Satin Stainless Finish

OPTIONS:

(Additional costs may apply.)

- ☐ -LOGO Customer Specified Logo / Graphics
- ☐ -220V 220 Volt / 50 Hz or 60Hz Compressor

ACCESSORIES:

(Additional costs may apply. Accessory items are packaged separately.)

- ☐ -WF1EZ 1500-Gallon Capacity EZ Door® Filter¹
30-Second Replacement (Patent Pending)
- ☐ -WF3 3000-Gallon Capacity Water Filter¹

NOTES:

1 - Refer to Supplemental Submittal Sheet for Details.

Compatible Mounting Support Carrier

Jay R. Smith Mfg. Co. Figure # 0830 <https://www.JRSmith.com>

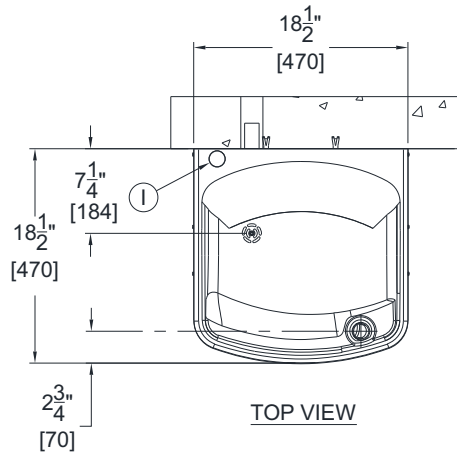
Product Warranty

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

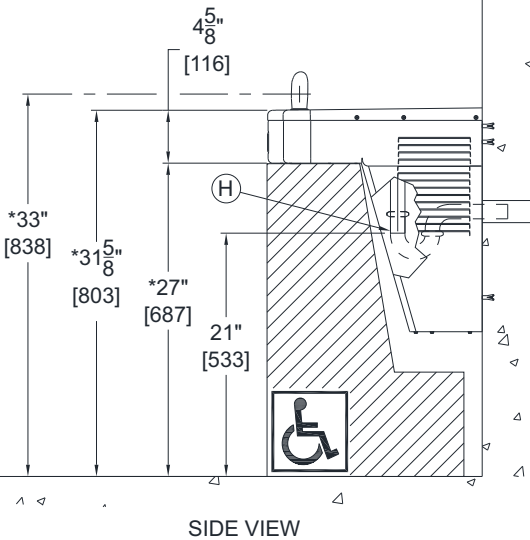
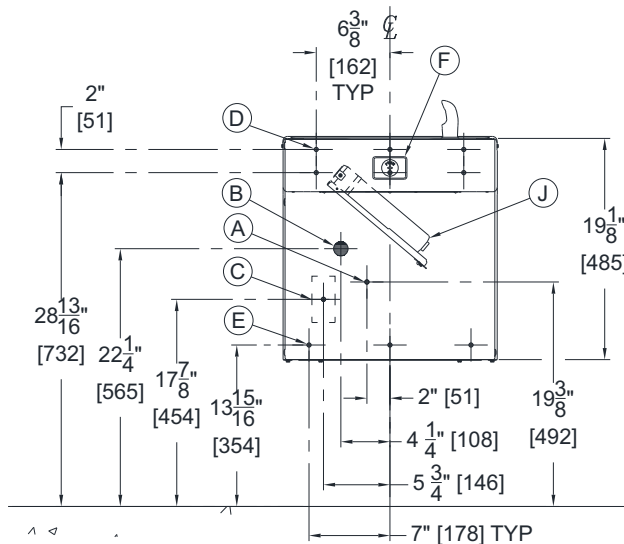
A171.8-UG Series

BASE MODEL A171108F-UG

**BARRIER FREE, WALL MOUNTED
WATER COOLER**



- A. 3/8" O.D. SUPPLY INLET
- B. WASTE OUTLET FOR P-TRAP BY OTHERS FOR PROVIDED 1-1/4" O.D. TAILPIECE
- C. ELECTRICAL SERVICE ROUGH
- D. Ø3/8" HANGER BRACKET PUNCHING, 6 PLACES FOR ANCHORING HARDWARE BY OTHERS
- E. Ø1/4" PUNCHING, 3 PLACES FOR ANCHORING HARDWARE BY OTHERS
- F. PUSHBUTTON CARTRIDGE
- H. 1-1/4" [32] O.D. TAILPIECE FOR P-TRAP BY OTHERS
- I. REMOVABLE PLUG FOR BOTTLE FILLER (-BF11 OR -BF12 ONLY)
- J. OPTIONAL -WF1EZ, EZ DOOR® FILTER



GENERAL NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MM]
2. ALLOW 4 INCHES [102 MM] MINIMUM CLEARANCE PER SIDE FOR VENTILATION.
- *3. DIMENSIONS SHOWN ARE FOR ADA ADULT HEIGHT. ADJUST VERTICAL DIMENSIONS AS NEEDED TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES FOR ACCESSIBILITY.
4. WATER SUPPLY STOP VALVE, P-TRAP WASTE, AND ELECTRICAL OUTLET (WHEN REQUIRED) ARE BY OTHERS.
5. IMPORTANT: FIXTURES MUST BE ATTACHED TO WALL WITH APPROPRIATE WALL ANCHORS AND HARDWARE TO SUIT WALL CONSTRUCTION. (MOUNTING ANCHORS AND HARDWARE ARE PROVIDED BY OTHERS.)

IMPORTANT: Dimensions are shown for reference only. Refer to product Installation Manual for complete details prior to Rough-in.

**SELECTION SUMMARY
& APPROVAL FOR
MANUFACTURING**

Model Number & Options _____	Quantity _____
Company _____	
Contact _____	Title _____
Signature (Approval for Manufacturing) _____	Date _____

All dimensions are subject to manufactures tolerance of plus or minus 1/4" nominal and subject to change without notice. Murdock® assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock® Mfg., Member of Morris Group International®. Please visit www.murdockmfg.com for most current specifications.

BF12 Bottle Filler Series

H₂O TO GO!® SENSOR OPERATED BOTTLE FILLER

STANDARD FEATURES

- ADA Compliant
- 100-Mesh Inlet Strainer
- 120VAC/9V DC Plug-In Transformer
- Hands-Free Sensor Operation
- 1 GPM Laminar Flow Nozzle
- 20 Second Maximum Run Time
- Fits existing Murdock® A171, A172, Water Cooler Series
- May be used with certain competitor models
(Contact Factory for more information)

SUGGESTED SPECIFICATIONS

Bottle Filler unit may be used on certain existing Murdock® Manufacturing units or models which include Bottle Filler. Existing Drinking Fountain may require alteration for connection to Bottle Filler. Unit to include Sensor operated activation with a 20 second maximum run time. Housing construction to be heavy gauge stainless steel with a #4 satin finish and to include components manufactured from antimicrobial, impact resistant ABS. Bottle Filler shall provide approximately 1.0 GPM flow rate with a Laminar Flow Spout to minimize splashing. Optional -BCD (Bottle Counter Display) indicates the quantity of 16 oz disposable Plastic Bottles saved from a land fill. -BCD option displays the Water Filter Status and includes LED Light to illuminate and brighten the Bottle Fill area when a Bottle is detected. Optional -WF1 Water Filter meets NSF 42 and 53 requirements and reduces lead content in the drinking water by 99%. Unit shall be certified to Public Law 111-380 (NO-LEAD) and NSF/ANSI/CAN 61.



Model BF12-BCD Shown

"INDOOR USE ONLY"

MODEL:

(Must Specify)

- ☐ BF12 Sensor Operated Bottle Filler
- ☐ BF12-BAT Sensor Operated Bottle Filler, Battery Powered

OPTIONS

(additional costs may be incurred)

- ☐ -BCD Bottle Counter Display ¹
- ☐ -WF1 1500-gallon capacity Water Filter
(Note: Shipped loose for Assembly to Water Cooler)

Options Notes:

¹ Requires Electrical, Not Available on -BAT Battery Powered models.

Complies with the following standards:



Federal Public Law 111-380 (No Lead)



NSF/ANSI/CAN 61

Product Warranty

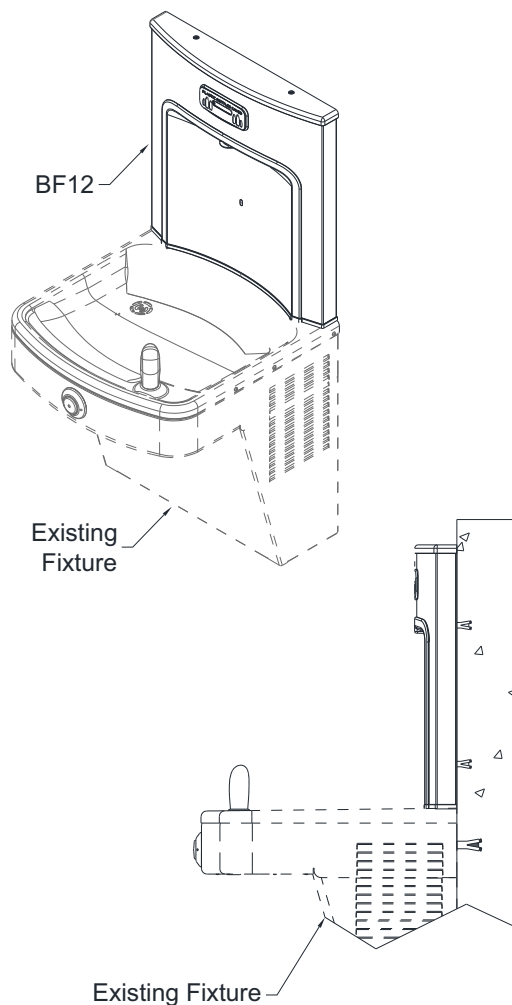
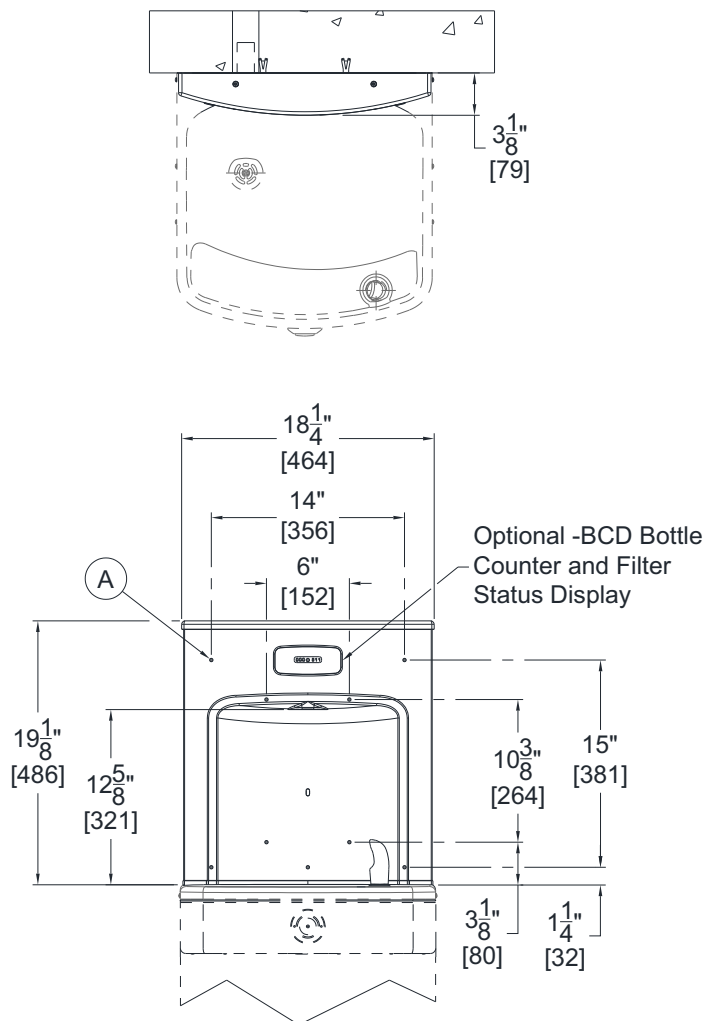
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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BF12 Bottle Filler Series

H₂O TO GO!® SENSOR OPERATED
BOTTLE FILLER



General Note:

1. All dimensions are in inches [MM]

- A. Ø1/4" Holes, 10 Places for Anchoring Hardware, provided by others

SELECTION SUMMARY
& APPROVAL FOR
MANUFACTURING

Model Number & Options _____	Quantity _____
Company _____	
Contact _____	Title _____
Signature (Approval for Manufacturing) _____	Date _____

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WF1EZ 1500-GALLON CAPACITY EZ DOOR® FILTER

(Patent Pending)

STANDARD FEATURES

- Industry Leading Innovation 30-Second Filter Replacement!
- Optionally Available for New A171 & A172 Series Models
- Retrofits Existing A171 and A172 Series Models (Manufactured After October 2022)
- WF1; 1500-Gallon Lead, Chlorine and Cyst Reduction Filter
- Complies with NSF/ANSI 42+53 Lead Reduction to 1 Micron
- Complete Kit with All Components for Easy Installation

SUGGESTED SPECIFICATIONS

Provide Murdock® Drop Down Filter Accessory WF1EZ 1500-Gallon Capacity EZ Door® Filter. Accessory unit shall include single Lead/Cyst Reduction Filter with 1500-Gallon capacity. Following installation, Filter assembly will be held in place within Housing. Drop Down Door and Filter assembly shall be accessed by removing stainless steel Allen Head Fasteners. The filter shall be for cold water use only and operate at temperatures of 35°F - 100°F [2°C - 38°C]. Operating pressure is not to exceed 125 psig. Capacity is 1500 gallons with a flow rate of 0.5 gpm [1.9 lpm]. Filter shall adhere to NSF/ANSI 42+53 with lead reduction to one (1) micron.

MODEL: (Must Specify)

- ☐ -WF1EZ 1500-Gallon Capacity EZ Door® Filter
(Patent Pending)
(NSF/ANSI 42+53 Lead Reduction to 1 Micron)

REPLACEMENT FILTERS:

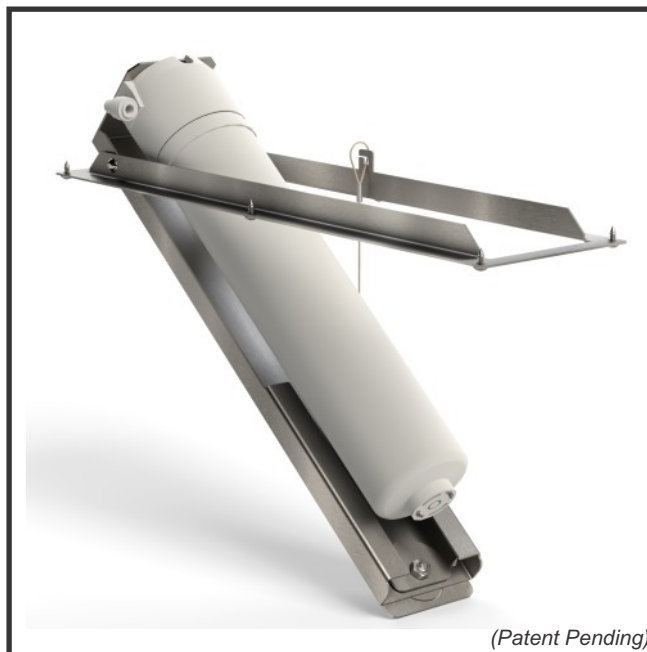
Refer to Murdock® Accessory Model RWF1 for Replacement 1500-Gallon Filters (sold separately).

Note:

The filters comply with NSF/ANSI 42+53 Standards. Properly installed and maintained, these approvals cover a reduction in lead, E. coli and cryptosporidium.

The link to the Lead Free IAPMO R&T Product Listing File #6039 is:

<https://plm.iapmo.org/pld#/certificate/6039/344>



(Shown as shipped)



(Shown in open position, following installation)

NSF/ANSI 61

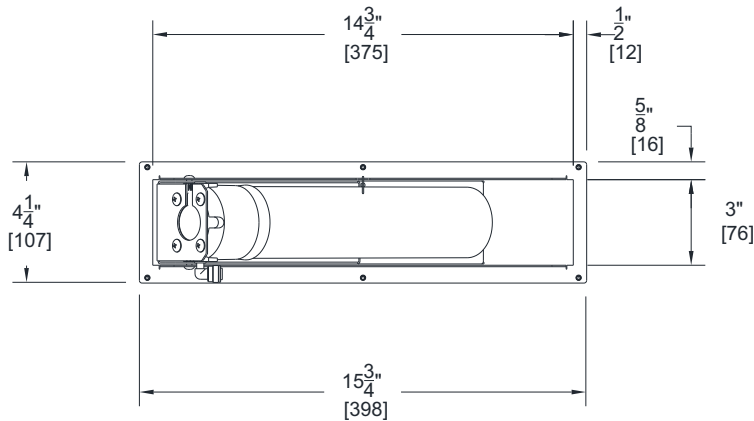


Federal
Public Law
111-380
(No Lead)

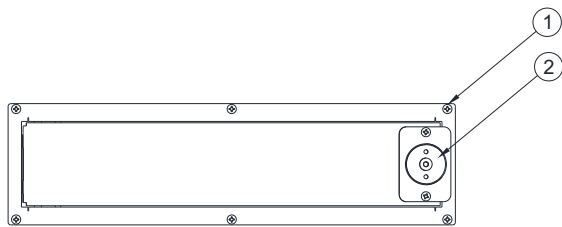
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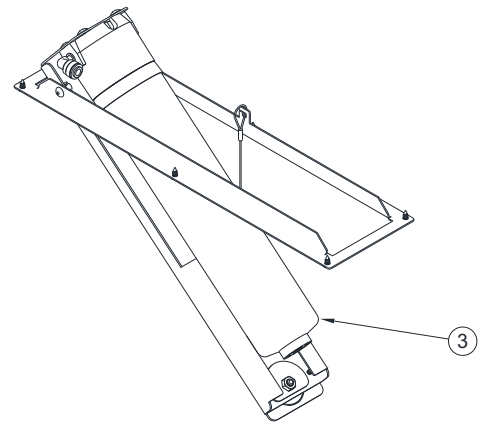
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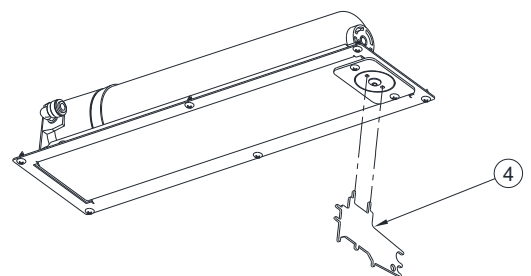
TOP VIEW



FRONT VIEW



ANGLED VIEW OPEN LATCH



ANGLED VIEW CLOSED LATCH

NOTES:

1. (6) #8 x 3/8" Long Stainless Steel Screws
2. Latch Locking Mechanism
3. Model -WF1 Filter Cartridge Assembly
4. Fixture Maintenance Tool (Required to Open and Close Latch. Provided with Drinking Fountain.)

Details below are provided by Third Party Filter Manufacturer.
Information is deemed reliable however, subject to change without notice.

Standard 42 Aesthetic Effects/Standard 53 Health Effects						
Parameter	US EPA MCL	Influent Challenge	Effluent Average	Effluent Maximum	Percent Reduction Average	Percent Reduction Minimum
Chlorine	-	2.0 mg/L	0.03 mg/L	0.06 mg/L	98.5	97
Cyst	99.95% Reduction	111,750 Particles/ml	1 particle/ml	2 particles/ml	99.99%	99.99
Lead pH 8.5	15 ug/L	135 ug/L	5.5 ug/L	13 ug/L	95.9%	90
Lead pH 6.5	15 ug/L	149 ppb	1 ug/L	1 ug/L	99%	99

¹Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 8.5 and 6.5; temp. = 20 ± °2.5° C