

## A171-UG-SO-BF Series

BASE MODEL A171100F-UG-SO-BF

SENSOR OPERATED, BARRIER-FREE, WALL MOUNTED, DRINKING FOUNTAIN WITH PUSHBUTTON OR SENSOR OPERATED BOTTLE FILLER

### STANDARD FEATURES

#### Drinking Fountain

- Rough-Ins Match Other Manufacturer's for Easy Replacement
- Child or Adult ADA Compliant (When Properly Installed)
- Apron and One-Piece Bottom Wrapper is Satin Finish Or Gray Powder Coat Finish
- Flexible, Low Flow, Antimicrobial, Anti-Rotation, Non-Squirt Bubbler
- 9 Volt Sensor Operation
- Lead Free

#### Bottle Filler

- Hands-Free Sensor Operation or Pushbutton Operated
- ADA Compliant
- 100-Mesh Inlet Strainer
- 120VAC/9.0VDC Plug-In Transformer, With -BF12 Only
- Laminar Flow Water Supply
- 1 GPM Fill Rate
- -BF12 Sensor Has a 20 Seconds Maximum Run Time

### SUGGESTED SPECIFICATIONS

#### Drinking Fountain

Model A171100F-UG-SO-BF is a self-contained, Sensor Operated Drinking Fountain. Unit shall be activated by a front mounted 9 Volt Infrared Sensor. Bubbler shall deliver a 0.3 GPM flow, have a 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. Optional WF3000 PFAS Water Filter shall have 3000 gallon capacity with 3rd Party Certification for Lead, Bacteria, Chlorine, Microplastics, and NSF/ANSI for Cyst and total PFAS reduction. Unit shall be certified to Public Law 111-380 (NO-LEAD) and NSF/ANSI/CAN 61. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately.

#### Bottle Filler -BF11

Bottle Filling unit shall include Pushbutton Operated activation.

#### Bottle Filler -BF12

Bottle Filling unit shall include Sensor Operated activation with a 20 second maximum run time. Optional -BCD (Bottle Counter Display) indicates the quantity of 16 oz disposable Plastic Bottles saved from a land fill, displays the Water Filter status and includes LED Light to illuminate and brighten the Bottle Fill area when a Bottle is detected. (Not offered with -BAT.)

Bottle Filler housing construction will be 20 gauge Stainless Steel with a satin finish and will also include components manufactured from Antimicrobial, impact resistant ABS. Bottle Filler shall provide approximately 1 GPM flow rate with a Laminar Flow Spout to minimize splashing.

Complies with the following standards:



Federal Public Law 111-380 (No Lead)

NSF/ANSI/CAN 61

H<sub>2</sub>O  
to go!



Model A171400F-UG-SO-BF12-BCD  
PATENT# 10,100,933  
PATENT# D873,606



**Maintenance Advantage**<sup>®</sup>  
Water Cooler by Murdock Manufacturing

**MODEL:**  
(Must Specify)

**"RATED FOR INDOOR USE"**

#### FLEXIBLE BUBBLER

- A171100F-UG-SO Gray Finish
- A171400F-UG-SO Satin Stainless Finish

#### STAINLESS STEEL BUBBLER

- A171100S-UG-SO Gray Finish
- A171400S-UG-SO Satin Stainless Finish

#### MUST SPECIFY BOTTLE FILLER:

- BF11 Bottle Filler with Pushbutton Operation
- BF12 Bottle Filler with Sensor Operation
- BF12-BAT Bottle Filler with Battery Operated Sensor Operation (N/A With -BCD)
- BF12-BCD Bottle Filler with Sensor Operation with Bottle Counter Display

#### OPTIONS:

(Additional costs may apply.)

- LOGO Customer Specified Logo / Graphics

#### ACCESSORIES:

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

- WF3000 3000-Gallon PFAS Water Filter<sup>1</sup>  
NSF/ANSI, PFAS, Lead, Bacteria, Chlorine, Microplastics

#### NOTES:

1- Refer to Supplemental Submittal Sheet for details.

#### Compatible Mounting Support Carrier

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

#### NSF/ANSI/CAN 61: Q ≤ 1

NSF/ANSI/CAN 61 Compliant including lower lead leaching criteria.

**3000 Gallon PFAS Filter Certifications**

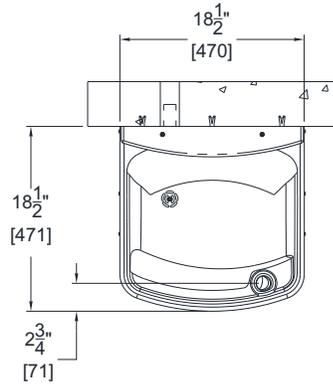
**Product Warranty**

Accessibility Compliance is subject to local Code Enforcement Authority.

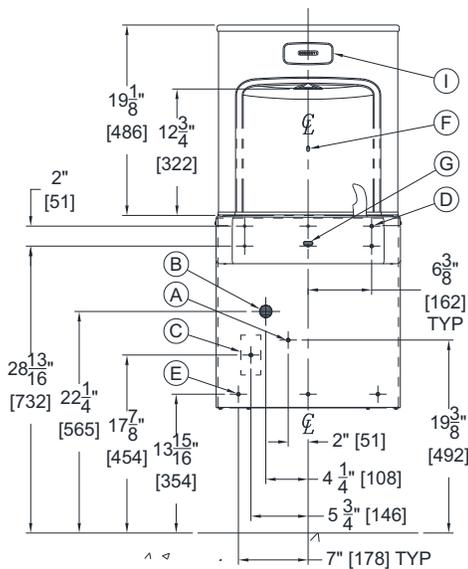
**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# A171-UG-SO-BF Series

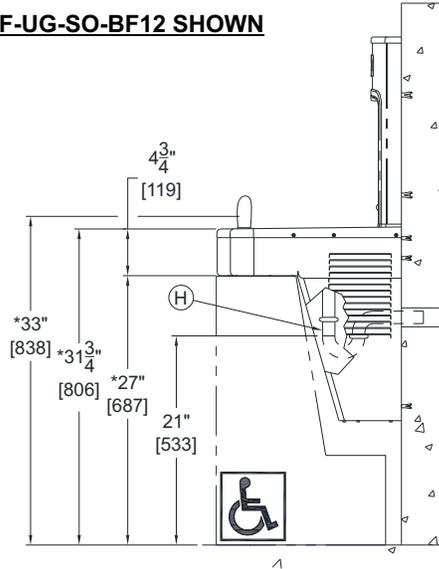
**BASE MODEL A171100F-UG-SO-BF**  
SENSOR OPERATED, BARRIER-FREE, WALL MOUNTED, DRINKING FOUNTAIN WITH PUSHBUTTON OR SENSOR OPERATED BOTTLE FILLER



- 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, 2 PLACES FOR ANCHORING HARDWARE BY OTHERS
- F. BOTTLE FILLER SENSOR
- G. DRINKING FOUNTAIN SENSOR
- H. 1-1/4" [32] O.D. TAILPIECE FOR P-TRAP BY OTHERS
- I. OPTIONAL -BCT BOTTLE COUNTER



## A171100F-UG-SO-BF12 SHOWN



### 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 NECESSARY TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES
4. STOP VALVE, P-TRAP, & ELECTRICAL OUTLET NOT SUPPLIED
5. IMPORTANT: COOLERS MUST BE ATTACHED TO WALL WITH APPROPRIATE ANCHOR SCREWS

**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<sup>®</sup> assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Murdock<sup>®</sup> Mfg., Member of Morris Group International<sup>®</sup>. Please visit [www.murdockmfg.com](http://www.murdockmfg.com) for most current specifications.