

AR81.8 Series

MODEL AR81408S

LIGATURE RESISTANT, BARRIER FREE,
INVERTED, FULLY RECESSED WALL
MOUNTED ELECTRIC DRINKING FOUNTAIN

STANDARD FEATURES

- *Ligature Resistant*
- *Child or Adult ADA Compliant*
(When Properly Installed With A Knee Clearance Alcove)
- *18 Gauge 304 Stainless Steel Cabinet*
- *16 Gauge Galvanized or Galvannealed Mounting Frame*
(A000000-MF20)
- *Polished Stainless Steel, Anti-Rotation, Ligature Resistant*
- *100-Mesh Inlet Strainer*
- *Vandal Resistant Screws*

**NOTE: UNIT REQUIRES REAR ACCESS OR ACCESS
PANEL TO MAKE-UP WASTE CONNECTION.**

SUGGESTED SPECIFICATIONS

Model AR81408S is a self-contained, Inverted and Fully Recessed Pressurized Electric Drinking Fountain that shall deliver 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 by a chrome plated brass Front Pushbutton(s) using less than 5 pounds of force. Bubbler shall be Stainless Steel, Ligature Resistant and operates on a water pressure range of 20–105 PSIG. Cabinet Panels shall be constructed from 304 Stainless Steel and the Bowl shall have an Integral Ligature Resistant Drain. 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 compliant to the Air Conditioning and Refrigeration Institute Standard 1010. 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. 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.

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
AR81408S	8.0	390	4.6	110 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:



Federal Public Law 111-380 (No Lead)



(220V Compressor Only)

NSF/ANSI/CAN 61-2020

ANSI/ASHRAE 18



AR81408S-BF, Shown

“INDOOR USE ONLY”

MODEL:

(Must Specify)

- AR81408S Ligature Resistant Stainless Steel Bubbler

OPTIONS

(additional costs may be incurred)

- BF Ligature Resistant Bottle/Cup Filler
- LBPH Less Bubbler & Less Bubbler Pushbutton Actuator (Bottle/Cup Filler Pushbutton Actuator Located in Center)
- 220V 220 volt / 50 Hz Compressor (C €)

ACCESSORIES

(additional costs may be incurred)

- WF3000 3000-gallon capacity Water Filter (**See Note ***)¹
NSF/ANSI, PFAS, Lead, Bacteria, Chlorine, Microplastics

NOTES:

1- Refer to Supplemental Submittal Sheet for Complete Product details.

*** NOTE: For Optional -WF1 And -WF3000:**
Installer Responsible for Remotely Locating Water Filter.

3000 Gallon PFAS Filter Certifications

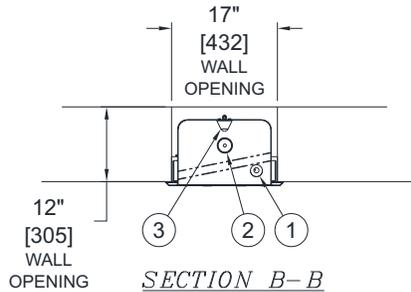
Product Warranty

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

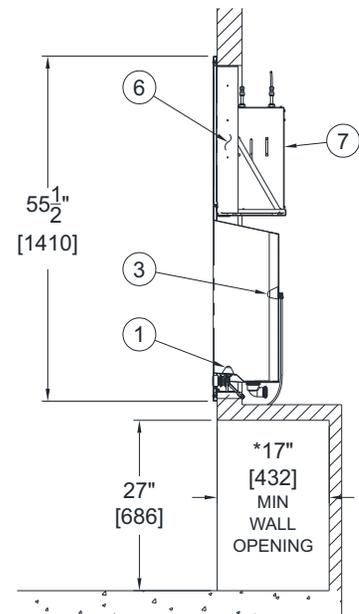
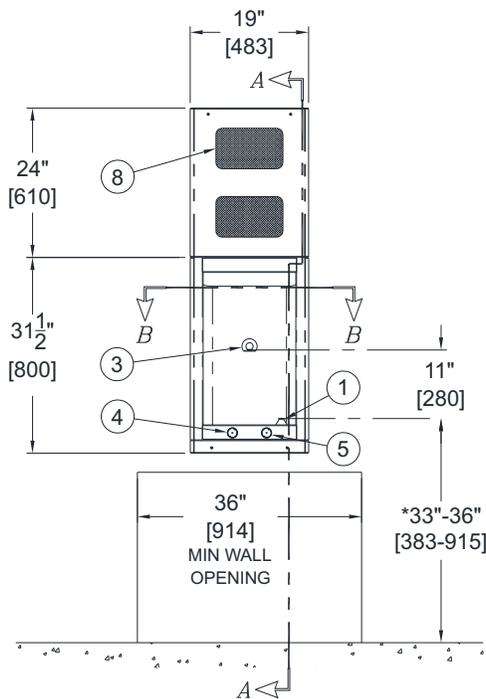
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1. LIGATURE RESISTANT BUBBLER
2. LIGATURE RESISTANT STRAINER
3. OPTIONAL -BF LIGATURE RESISTANT CUP/BOTTLE FILLER
4. VANDAL RESISTANT PUSHBUTTON ACTUATOR FOR CUP/BOTTLE FILLER
5. VANDAL RESISTANT PUSHBUTTON ACTUATOR FOR BUBBLER
6. MOUNTING FRAME ASSEMBLY
7. 8.0 GPH CHILLER
8. VENTILATION PANEL



SECTION A-A

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MM]
- *2. DIMENSIONS SHOWN ARE FOR RECOMMENDED ADULT HEIGHT. ADJUST VERTICAL DIMENSIONS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES
3. STOP VALVE NOT PROVIDED

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.