



Est. 1954

ACORN ENGINEERING COMPANY
Manufacturers of Engineered Plumbing Products

ACORN WATER COOLERS & DRINKING FOUNTAINS

A172.8UBL Series

**Barrier Free, Universal Bi-Level,
Wall Mounted Water Cooler**

SUGGESTED SPECIFICATIONS

Model A172108F-UBL is a self-contained, vandal resistant bi-level pressure water cooler 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 from an anti-microbial pushbutton in the front, using less than 5 pounds of force. Bubblers shall have an anti-microbial flexible guard with an integrally designed non-squirt feature and operate on a water pressure range of 20-105 psig. Basins shall be constructed from 304 stainless steel and have an integral drain. Cabinets shall be Granite powder coated on galvanized or stainless steel. Cooling system shall use R-134a refrigerant and be capillary tube controlled. An adjustable thermostat with an off position shall control the refrigeration system. Unit is certified to ANSI A117.1 and ANSI/NSF 61, Section 9 requirements and CHSC 116875. Fixture meets ADA, ADA Standing Person or ADA Child requirements when mounted appropriately. Unit shall be listed by Underwriters Laboratories for both the US and Canada, compliant to the Air Conditioning and Refrigeration Institute Standard 1010. Alternatively, fixture can be mounted to be compliant with TAS or TAS 11-15 accessibility requirements.

☐ **Standard Model:**
A172108F-UBL

☐ **Stainless Steel Model:**
A172408F-UBL



Model A172108F-UBL Shown

STANDARD FEATURES

- **Child or Adult ADA Compliant (when properly installed)**
- **Universal Bi-Level -Can be installed left high or right high with no additional parts**
- **Granite powder coated apron and one-piece bottom wrapper**
- **Flexible, Low Flow, anti-microbial, anti-rotation, non-squirt bubbler**
- **100 mesh inlet strainer**
- **Vandal resistant screws**
- **Individual hanging brackets provided**
- **Auto-stop allows cartridge and strainer service without shutting off water supply**

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
A172108F-UBL	8.0	400	4.4	80 lbs.
A172408F-UBL	8.0	400	4.4	80 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.



Member of
U.S. Green
Building
Council



Recyclable
Product



Water
Conserving
Product

CONFIGURING SPECIFIC MODEL NO. & OPTIONS

A172108F-UBL

Material/Finish
1 Granite (Std)
4 Stainless Steel

Bubblers
F Flexible (Std)
B Chrome Plated Brass
S Lead-Free Stainless Steel

OPTIONS (May add additional costs)

- ☐ -BF1 Bottle filler, granite powder coat
- ☐ -BF1S Bottle filler, stainless steel
- ☐ -BF2 Sensor operated bottle filler, granite powder coat
- ☐ -BF2S Sensor operated bottle filler, stainless steel
- ☐ -CSC3 Concealed support carrier
- ☐ -GF1 Glass filler with lever handle
- ☐ -SK5 Skirt kit for upper unit
- ☐ -WB3 Wall bezel, left unit high, right low
- ☐ -WB4 Wall bezel, right unit high, left low
- ☐ -WF1 1500 gallon capacity, NSF 42+53, 1 micron lead reduction filter
- ☐ -220V 220 volt / 50 Hz compressor (C E)

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Please visit www.acorneng.com for most current specifications.

A172.8UBL

Date: 09/16/13

COMPLIES WITH
STANDARDS



ANSI / NSF 61.9



Test rating conditions are
compliant with ARI 1010.



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Member of
MORRIS GROUP INTERNATIONAL

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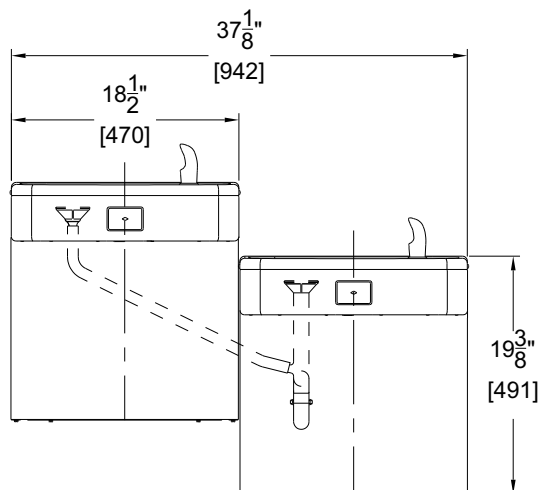
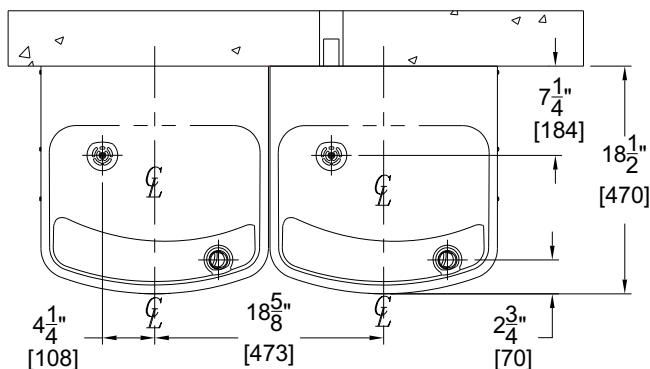


TECHNICAL DIMENSIONS

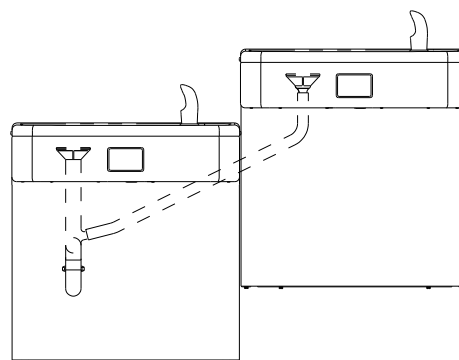
All dimensions are subject to manufacturer's tolerance of plus or minus 1/2" nominal and subject to change without notice. Acorn Engineering assumes no responsibility for use of void or superseded data. Dimensions may change with the addition of optional accessories. Acorn Engineering Company™, Member of Morris Group International™. Please visit www.acorneng.com for most current specifications.

☐ **Standard Model:**
A172108F-UBL

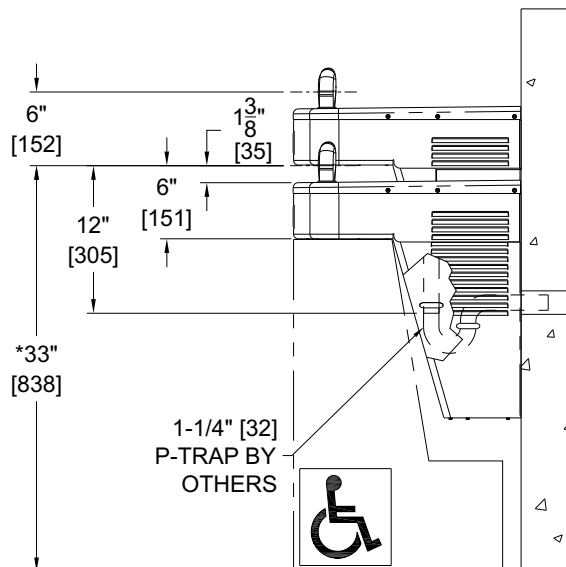
☐ **Stainless Steel Model:**
A172408F-UBL



*MOUNTING CONFIGURATION
AS SHIPPED*



*ALTERNATE MOUNTING
CONFIGURATION*



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 RECOMMENDED 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 WALL ANCHOR SCREWS.

A172.8UBL Date: 09/16/13

Acorn Engineering Company™ warrants that its products are free from defects in material or workmanship under normal use and service for a period of one year from date of shipment. Acorn's™ liability under this warranty shall be discharged solely by replacement or repair of defective material, provided Acorn™ is notified in writing within one year from date of shipment, F.O.B. Industry, California.

SELECTION SUMMARY
& APPROVAL FOR
MANUFACTURING

Company _____

Model Number & Options _____ Quantity _____

Contact _____ Title _____

Signature
(Approval for
Manufacturing) _____

Date _____

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