



Est. 1954

**ACORN ENGINEERING COMPANY**  
Manufacturers of Engineered Plumbing Products

# ACORN WATER COOLERS & DRINKING FOUNTAINS

## A171.8 Series

### Barrier Free, Wall Mounted Water Cooler

# SUGGESTED SPECIFICATIONS

Model A171108F is a self-contained, vandal resistant 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 front pushbutton using less than 5 pounds of force. Bubbler shall be low flow and 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 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 shall be listed by Underwriters Laboratories for both the US and Canada, compliant to the Air Conditioning and Refrigeration Institute Standard 1010. Unit is certified to ANSI A117.1 and ANSI/NSF 61, Section 9 requirements and CHSC 1162875. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately.

**Standard Model:**  
A171108F

**Stainless Steel Model:**  
A171408F



Model A171108F Shown

# STANDARD FEATURES

- Child or Adult ADA Compliant (when properly installed)
- 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
- Hanging bracket provided
- Auto-stop allows cartridge and strainer service without shutting off water supply

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
A171108F	8.0	335	4.4	56 lbs.
A171408F	8.0	335	4.4	56 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

## A171108F

**Material/Finish**  
1 Granite (Std)  
4 Stainless Steel

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

Custom color finishes available upon request

### 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
- BP8 Back panel, stainless steel
- CSC2 Concealed support carrier
- GF1 Glass filler with lever handle
- WB1 Wall bezel, stainless steel
- WF1 1500 gallon capacity, NSF 42+53, 1 micron lead reduction filter
- 220V 220 volt / 50 Hz compressor (C €)

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Please visit [www.acorneng.com](http://www.acorneng.com) for most current specifications.

**A171.8**

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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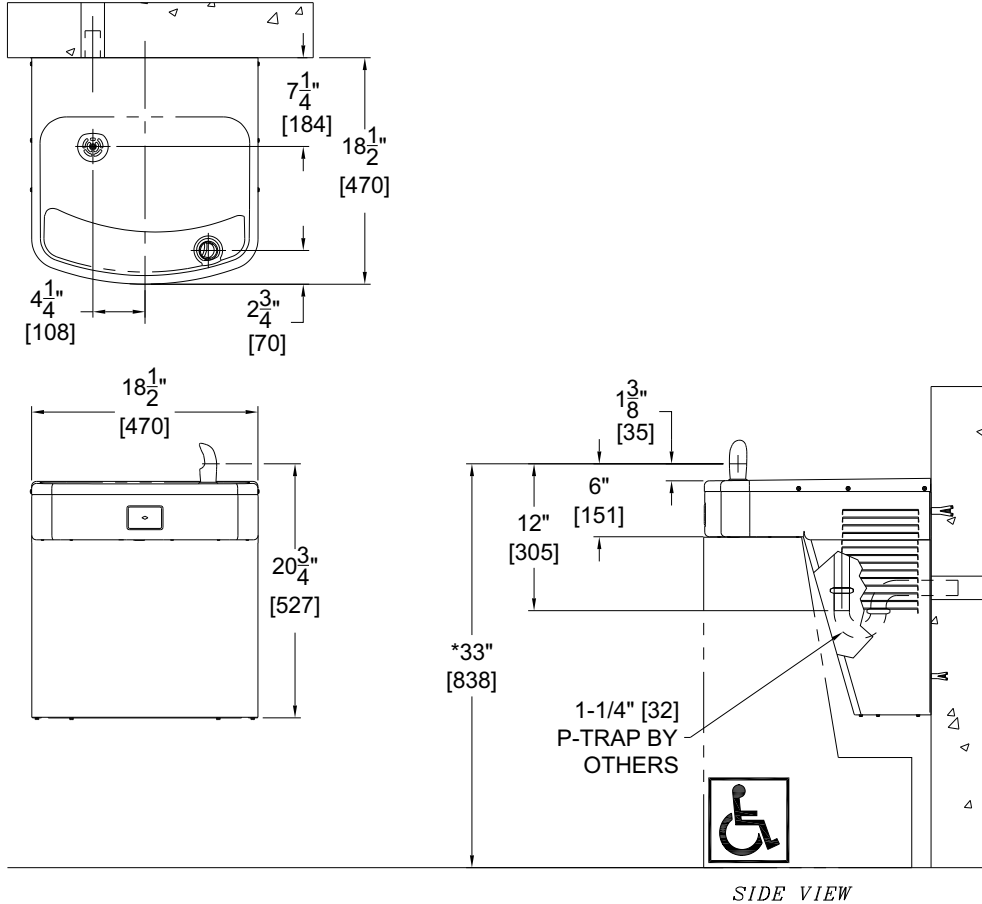


# TECHNICAL DIMENSIONS

All dimensions are subject to manufactures 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](http://www.acorneng.com) for most current specifications.

**Standard Model:**  
A171108F

**Stainless Steel Model:**  
A171408F



SIDE VIEW

**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.

**A171.8** 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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