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**BULLETIN
TO
DESIGN AND CONSTRUCTION PROFESSIONALS**

Date: August 1, 2017
Bulletin: 0005 – 2017
Section: 22 47 00 – Water Coolers / Drinking Fountains
Re: APS Design Guidelines and Standard Specifications Update

Item 1: This is a clarification, change or addition to the existing Atlanta Public Schools (APS) Design Guidelines and Standard Specifications dated December 1, 2010 and any previous Bulletins.

Item 2: This set of requirements and specifications should be implemented IMMEDIATELY on all projects that are in the "Construction Document" phase of the project delivery process. On projects where the "Construction" has begun, these requirements and specifications should be implemented IMMEDIATELY, WHERE PRACTICAL as to not adversely impact the schedule, budget or overall delivery of the project.

Item 3: The acceptable water coolers for use on all APS projects are listed below. Product data sheets are attached. Utilize a single fountain or dual fountains were applicable.

- Murdock – Model A171408S-VR
- Murdock – Model A172408S-FG-VR



Jere J. Smith III, AIA
Director of Capital Improvements



WATER COOLERS

A171.8VR Series

MODEL A171408S-VR
BARRIER FREE, VANDAL RESISTANCE
BUTTON, WALL MOUNTED WATER COOLER

STANDARD FEATURES

- Child or Adult ADA Compliant (when properly installed)
- 304 stainless steel basin and flush mounted chrome plated brass button
- Polished Stainless Steel, 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

SUGGESTED SPECIFICATIONS

Model A171408S-VR is a self-contained, vandal resistant button 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 by chrome plated brass pushbutton using less than 5 pounds of force. Bubbler shall be Lead-Free Stainless Steel with an integrally designed non-squirt feature and operate on a pressure range of 20-105 psig. Basin shall be constructed from 304 stainless steel and have an integral drain. Cabinet shall be 304 stainless steel and the louvers will have a stainless steel protective screen. 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. Fountain is certified to ANSI A117.1, Public Law 111-380 (NO-LEAD), CHSC 116875 and NSF/ANSI 61, Section 9. Fixture meets ADA, ADA Standing Person, and ADA Child requirements when mounted appropriately.

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
A171408S-VR	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.



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Product



Water
Conserving
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for most current specifications.



Maintenance Advantage™
Water Cooler by AIAH Engineering Company

"INDOOR USE ONLY"

MODEL:
(Must Specify)

- A171408S-VR Satin Stainless Finish

OPTIONS

(additional costs may be incurred)

- BF1S Bottle filler, stainless steel
- CSC2 Concealed support carrier
- WB1 Wall bezel, stainless steel
- WF1 1500 gallon capacity, NSF 42+53, 1 micron lead reduction filter
- 220V 220 volt / 50 Hz compressor

Handwritten signature and initials: "John" and "Dd" with "NW" written vertically.

Complies with the following standards: CHSC 116875



Test rating conditions are compliant with ARI 1010.



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WATER COOLERS

A172.8FGVR Series

MODEL A172408S-FG-VR

Barrier Free, 14 Gage Stainless Steel,
Enhanced Vandal Resistance,
Bi-level, Wall Mounted Water Cooler

STANDARD FEATURES

- Child or Adult ADA Compliant (when properly installed)
- 14 gage stainless steel apron, basin and front access panel
- Lead-Free Stainless Steel, anti-rotation, non-squirt bubblers
- 100 mesh inlet strainer
- Vandal resistant screws
- Hanging bracket provided
- Auto-stop allows service of cartridge and strainer without shutting off water supply

SUGGESTED SPECIFICATIONS

Model A172408S-FG-VR is a self-contained, enhanced 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° (32.2°C) ambient. Units shall be activated by chrome plated brass front pushbuttons by using less than 5 pounds of force. Bubblers shall be Lead-Free Stainless Steel with an integrally designed non-squirt feature and operate on a water pressure range of 20-105 psig. Unit shall be constructed from 14 gage, 304 stainless steel with an integral drain and the louvers shall have a stainless steel protective screen. 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 NSF/ANSI, Section 9 requirements and Public Law 111-380. Fixture meets ADA, ADA Standing Person, and 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.

Model Number	GPH*	Rated Watts	Full Load Amps	Approx. Shipping Weight
A172408S-FG-VR	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.



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Maintenance Advantage™
Water Cooler by Acorn Engineering Company

"INDOOR USE ONLY"

MODEL:
(Must Specify)

- A172408S-FG-VR Satin Stainless Finish

OPTIONS

(additional costs may be incurred)

- CSC3 Concealed support carrier
- RBL Reverse bi-level
- SK1 Skirt kit, stainless steel, for upper unit
- WB2 Wall bezel, stainless steel
- WF1 1500 gallon capacity, NSF 42+53, 1 micron lead reduction filter
- 220V 220 volt / 50 Hz compressor

Handwritten signature

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01/25/16

