

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASES AND SUPPLY
P.O. BOX 1199
RICHMOND, VIRGINIA 23218-1199

CONTRACT RENEWAL
(Changes Appear in Red)

1. DATE August 30, 2010
2. COMMODITY NAME Drinking Water Dispensers
3. CONTRACT NUMBER E194-592
4. SUPERSEDES PF30896-10
5. CONTRACT PERIOD **September 1, 2011 through August 31, 2012**
6. AUTHORIZED USERS State Agencies and Other Public Bodies
7. CONTRACTORS (2)..... VAMAC, Inc. (DMBE Certified Small Business)
8. TERMS Net 30
9. DELIVERY See Below
10. F.O.B..... FOB Destination, Freight Prepaid
11. MINIMUM ORDER N/A
12. FOR FURTHER CONTRACT INFORMATION CONTACT: Betsy Bratton, CPPB, VCO
Statewide Contract Officer
Phone: (804) 786- 3854
Fax: (804) 786-5413
Email: betsy.bratton@dgs.state.va.us
13. NOTICE TO ALL STATE AGENCIES: This contract is the result of a competitive bid program and its use is mandatory for all State Agencies in the purchase of any commodity listed herein. If the commodity or services available under this contract cannot be used by an agency, a request to purchase other goods or services of a similar nature shall be submitted to the appropriate DGS/DPS contract/purchase officer for approval. A complete and factual written justification is necessary to support the request. Refer to Section 13.7a of the Agency Procurement and Surplus Property Manual.

By: 
Betsy Bratton, Statewide Contract Officer

ORDERING INSTRUCTIONS

IMPORTANT! The applicable contract number and part number must be shown on each purchase order and copy, each facsimile transmission or given verbally when telephonic orders are placed.

1. Purchase orders: Unless otherwise instructed by the Division of Purchases and Supply, all departments, institutions and agencies of the Commonwealth of Virginia will order items/services through eVA. If this contract is authorized for use by localities, Virginia cities, counties, towns and political subdivisions, orders will be placed through eVA to the maximum extent possible. The orders will be governed by this agreement and the terms and conditions contained in the separate agreement for participation in eVA executed by the contractor.
2. Complaints: Any complaint as to quality, faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Division of Purchases and Supply for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply.
3. Transportation and Packaging: Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with purchase order number, commodity description, and quantity.
4. Inspection and Invoices: Inspection on delivery and approval of vendor's invoice is the responsibility of receiving state agency, Virginia city, county, town or political subdivision.
5. Renewal. Two (2) one year renewals remain. The decision as to whether to exercise the next renewal option will be made by the contract officer approximately 90 days in advance of the expiration date of the current term.
6. Price Increases: **IMPORTANT!** All price increases must be approved in advance by the DPS contract officer. Contract users will be sent a Notice of Contract Change from this office as official notification of such changes, if approved.
7. Warranty: All materials and equipment shall be fully guaranteed against defects in material and workmanship for a period of one year following date of delivery. Should any defect be noted by the owner, the Purchasing Office will notify the contractor of such defect or non-conformance. Notification will state either (1) that the contractor shall replace or correct, or (2) the owner does not require replacement or correction, but an equitable adjustment to the contract price will be negotiated. If the contractor is required to correct or replace, it shall be at no cost to the Commonwealth and shall be subject to all provisions of this clause to the same extent as materials initially delivered. If the contractor fails or refuses to replace or correct the deficiency, the office issuing the purchase order may have the materials corrected or replaced with similar items and charge the contractor the costs occasioned thereby or obtain an equitable adjustment in the contract price.

Renewal Periods

Line Number	Renewal Period Length	Renewal Period Unit	Effective Date	Expiration Date	Notification Days (Prior to Expiration)	Attachments(Name - Desc)
1	4	Years	9/1/2009	8/31/2010	90	
2	4	Years	9/1/2010	8/31/2011	90	
3	4	Years	9/1/2011	8/31/2012	90	
4	1	Years	9/1/2012	8/31/2013	120	

Authorized Departments

Line Number	Department	Spending Limit	No Limit	Active	Exclude this Dept.	Ordered Amount	Attachments(Name - Desc)
1	All	\$0.00	Yes	Yes	No	\$0.00	

Vendor Information

Legal Name: VAMAC, INC.
 Location Legal Name: VAMAC, INC.
 Contact Phone: 757-320-3936

Contact Name: John Truitt
 Contact Email: jtruitt@vamac.com
 Vendor Type: Primary

Line: 1

NIGP Code: 22530

Description: Drinking water dispenser, bubbler type, free standing, style A, class 1, five gal., size 5, with min 4.5 gal/hr draw off, Compressor HP 1/5, 115V60Hz, single phase

Manufacturer: **Elkay**

Manufacturer Item Number: **FD7005L1Z** (Product spec for this item is at the end of this document.)

Unit Price: **\$285.33**

Unit: **each**

Estimated Delivery Days: 14 Days

Line: 2

NIGP Code: 22530

Description: Glass Filler for Item 1

Manufacturer: **Elkay**
Manufacturer Item Number: **LK1110** (Product spec for this item is at the end of this document.)
Unit Price: **\$31.50** Unit: **each**
Estimated Delivery Days: 14 Days

Line: 3

NIGP Code: 22530
Description: Drinking water dispenser, bubbler type, free standing, style A, class 1, fourteen gal., size 14, with min 13.5 gal/hr draw off, Compressor HP 1/5, 115V60Hz, single phase
Manufacturer: **Elkay**
Manufacturer Item Number: **EFA14L1Z** (Product spec for this item is at the end of this document.)
Unit Price: **\$376.74** Unit: **each**
Estimated Delivery Days: 14 Days

Line: 4

NIGP Code: 22530
Description: Glass Filler for Item 3
Manufacturer: **Elkay**
Manufacturer Item Number: **LK1110** (Product spec for this item is at the end of this document.)
Unit Price: **\$31.50** Unit: **each**
Estimated Delivery Days: 14 Days

Line: 5

NIGP Code: 22530
Description: Drinking water dispenser, bubbler type, wall mount, style B, class 1, fourteen gal., size 14, with min 13.5 gal/hr draw off, Compressor HP 1/5, 115V60Hz, single phase
Manufacturer: **Elkay**
Manufacturer Item Number: **EWA14L1Z** (Product spec for this item is at the end of this document.)
Unit Price: **\$358.63** Unit: **each**
Estimated Delivery Days: 14 Days

Line: 6

NIGP Code: 22530
Description: Glass Filler for Item 5
Manufacturer: **Elkay**
Manufacturer Item Number: **LK1110** (Product spec for this item is at the end of this document.)

Unit Price: **\$31.50** Unit: **each**
Estimated Delivery Days: 14 Days

Line: 7

NIGP Code: 22530

Description: Drinking water dispenser, Hot and Cold, bubbler type, free standing, style A, class 1, fourteen gal., size 14, with min 13.5 gal/hr draw off, Compressor HP 1/5, 115V60Hz, single phase

Manufacturer: **Elkay**

Manufacturer Item Number: **EFHA8L1Z** (Product spec for this item is at the end of this document.)

Unit Price: **\$616.34** Unit: **each**

Estimated Delivery Days: 14 Days

Line: 8

NIGP Code: 22530

Description: Glass Filler for Item 7

Manufacturer: **Elkay**

Manufacturer Item Number: **LK1110** (Product spec for this item is at the end of this document.)

Unit Price: **\$31.50** Unit: **each**

Estimated Delivery Days: 14 Days

Line: 9

NIGP Code: 22530

Description: Drinking water dispenser, bubbler type, wall mount, class 1, seven to eight gal., size 7, Wheel Chair level, with min 7 gal/hr. draw off, Compressor HP 1/5, 115V60Hz, single phase

Manufacturer: **Elkay**

Manufacturer Item Number: **EZS8L-EZS8** (Product spec for this item is at the end of this document.)

Unit Price: **\$311.63** Unit: **each**

Estimated Delivery Days: 14 Days

Line: 10

NIGP Code: 22530

Description: Glass Filler for Item 9

Manufacturer: **Elkay**

Manufacturer Item Number: **LK1110** (Product spec for this item is at the end of this document.)

Unit Price: **\$31.50** Unit: **each**

Estimated Delivery Days: 14 Days

SPECIAL TERMS AND CONDITIONS

PRICE ESCALATION (1 of 2)

PRICE ESCALATION/DE-ESCALATION (part 1 of 2): Price adjustments may be permitted for changes in the contractor's cost of materials not to exceed the increase in the following index/indices: PPI, Producers Price Index. No price increases will be authorized for 180 calendar days after the effective date of the contract. Price escalation may be permitted only at the end of this period and each 180 days thereafter and only where verified to the satisfaction of the purchasing office. However, "across the board" price decreases are subject to implementation at any time and shall be immediately conveyed to the Commonwealth. Contractor shall give not less than 30 days advance notice of any price increase to the purchasing office. Any approved price changes will be effective only at the beginning of the calendar month following the end of the full 30 day notification period. (continued in part 2)

PRICE ESCALATION (2 of 2)

PRICE ESCALATION/DE-ESCALATION (part 2 of 2): The contractor shall document the amount and proposed effective date of any general change in the price of materials. Documentation shall be supplied with the contractor's request for increase which will: (1) verify that the requested price increase is general in scope and not applicable just to the Commonwealth of Virginia; and (2) verify the amount or percentage of increase which is being passed on to the contractor by the contractor's suppliers. The purchasing office will notify the using agencies and contractor in writing of the effective date of any increase which it approves. However, the contractor shall fill all purchase orders received prior to the effective date of the price adjustment at the old contract prices. The contractor is further advised that decreases which affect the cost of materials are required to be communicated immediately to the purchasing office.

QUANTITIES

QUANTITIES: Quantities set forth in this solicitation are estimates only, and the contractor shall supply at bid prices actual quantities as ordered, regardless of whether such total quantities are more or less than those shown.

RENEWAL OF CONTRACT

RENEWAL OF CONTRACT: This contract may be renewed by the Commonwealth for (Four) 4 successive one year periods) under the terms and conditions of the original contract except as stated in 1. and 2. below. Price increases may be negotiated every 180 Days. Written notice of the Commonwealth's intention to renew shall be given approximately 90 days prior to the expiration date of each contract period. 1. If the Commonwealth elects to exercise the option to renew the contract for an additional one-year period, the contract price(s) for the additional one year shall not exceed the contract price(s) of the original contract increased/decreased by more than the percentage increase/decrease of the: PPI, Producers Price Index, category of the CPI-W section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available. 2. If during any subsequent renewal

periods, the Commonwealth elects to exercise the option to renew the contract, the contract price(s) for the subsequent renewal period shall not exceed the contract price(s) of the previous renewal period increased/decreased by more than the percentage increase/decrease of the category of the CPI-W section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available.

WARRANTY

WARRANTY: All materials and equipment shall be fully guaranteed against defects in material and workmanship for a period of one year following date of delivery. Should any defect be noted by the owner, the Purchasing Office will notify the contractor of such defect or non-conformance. Notification will state either (1) that the contractor shall replace or correct, or (2) the owner does not require replacement or correction, but an equitable adjustment to the contract price will be negotiated. If the contractor is required to correct or replace, it shall be at no cost to the Commonwealth and shall be subject to all provisions of this clause to the same extent as materials initially delivered. If the contractor fails or refuses to replace or correct the deficiency, the office issuing the purchase order may have the materials corrected or replaced with similar items and charge the contractor the costs occasioned thereby or obtain an equitable adjustment in the contract price.

NEW SPECIAL TERM AND CONDITION (SEE CONTRACT CHANGE #1)

PURCHASE VOLUME REPORT: The Contractor shall furnish the Division of Purchases and Supply annual reports of the total dollar volume of purchases made under this contract approximately 90 days prior to the contract expiration. The Purchase Volume Reports should contain, at a minimum, the ordering agency, the purchase order number, the contract line item number, the part number, the quantity sold, the unit price, and the total dollar sold.

ELKAY[®]

SPECIFICATIONS

No Lead Space-ette[®] Floor-Mounted and Flush to Wall Water Cooler Models FD7003, **FD7005** and FD70010

GENERAL

Self-contained, electric refrigerated floor model water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

This model furnished with hermetically sealed combination tank-tube type cooling unit enclosed in cabinet. Cabinet design allows for flush to wall installation. Removable front panel and cabinet sides are Sandal-wood Vinyl.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free material. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.

This water cooler is certified to NSF/ANSI 61.

CAPACITIES CHART

Model Number	Base Rate	**GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filler Option	Ship. Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
FD7003	3.0	3.6	3.3	3.0	230	2.5	Yes	54
FD7005	5.0	6.1	5.5	5.0	230	2.5	Yes	60
FD70010	9.8	11.9	10.8	9.8	535	5.8	Yes	69

**Based on 80°F inlet water temperature.

†Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Rated watts shown are based on operational (run) time, in compliance with ARI Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

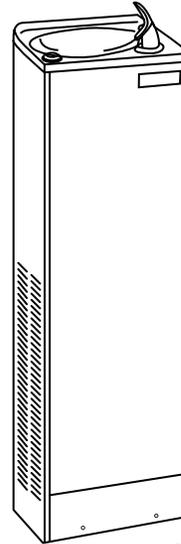
Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble free performance.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements.



Model FD7005

CONSTRUCTION

Cabinet: Cabinet wrapper supports fountain top and all working mechanisms. Removable front panel and cabinet sides are Sandalwood vinyl. Stainless Steel cabinet available at extra cost.

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Unique Swirl-Flo basin has an integral vandal-resistant strainer, embossed bubbler pad.

Exclusive Flexi-Guard[®] Safety Bubbler*: Innovative design utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Keyed in location to prevent rotation.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



Elkay Electric Air Cooled Water Coolers meet the requirements of NSF/ANSI 61. Unit complies with A.R.I. Standard 1010.

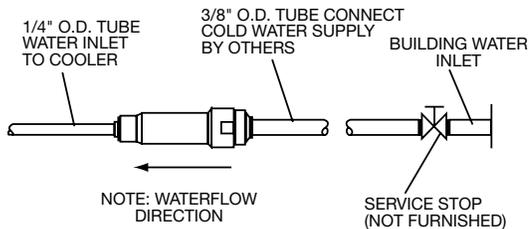
* Patent #4,481,971

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

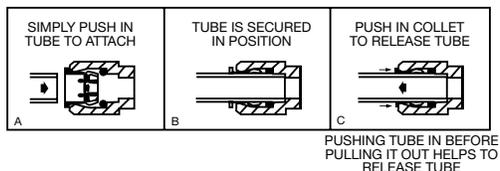
In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

**No Lead Space-ette®
Floor-Mounted and Flush to Wall Water Cooler
Models FD7003, **FD7005** and FD70010**

**ELKAY®
ROUGH-IN DIMENSIONS**



OPERATION OF QUICK CONNECT FITTINGS

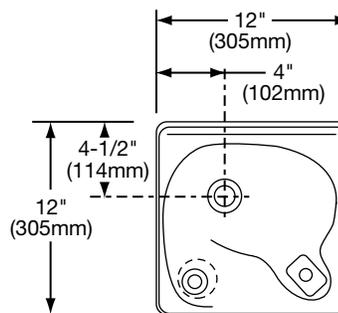


**IMPORTANT!
INSTALLER PLEASE NOTE:**

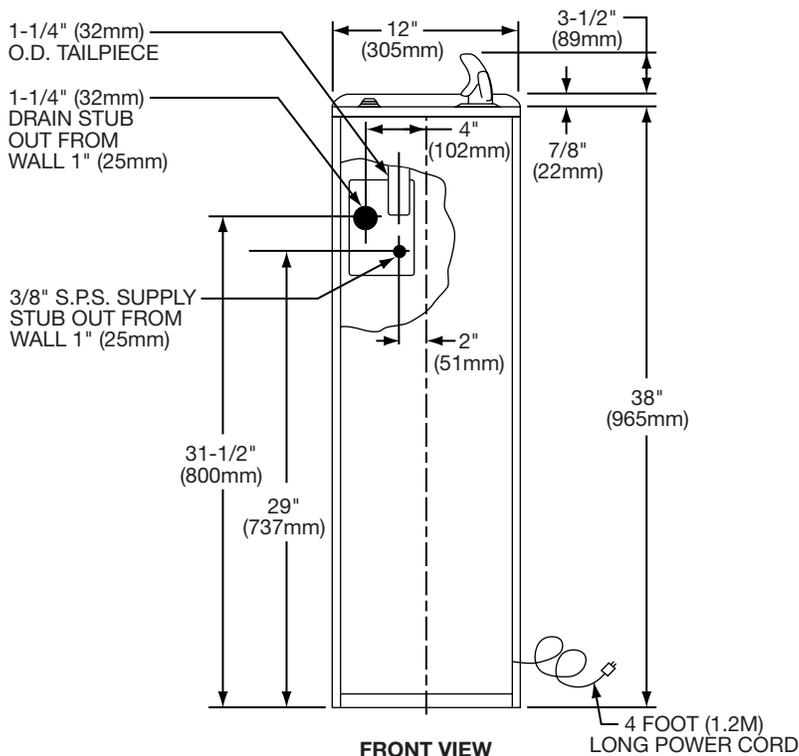
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways. The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

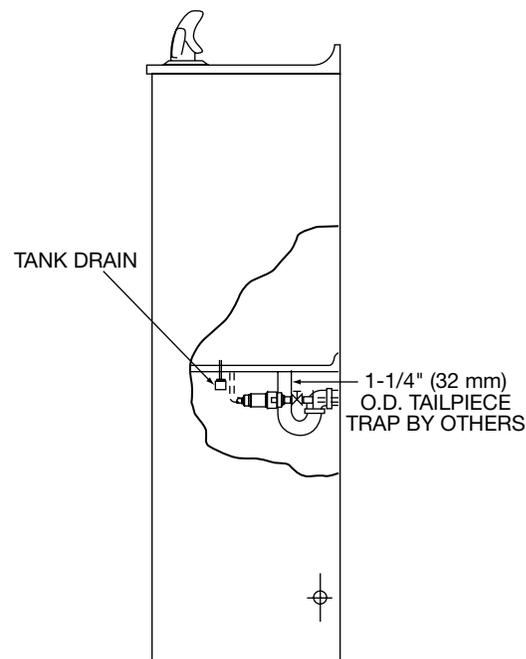
This water cooler must be connected to the water supply using a di-electric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.



TOP VIEW



FRONT VIEW



SIDE VIEW

ELKAY®

SPECIFICATIONS

No Lead Floor Model Water Cooler Air Cooled Models EFA4, EFA8, **EFA14**, EFA16 and EFA20

GENERAL

Self-contained, electric refrigerated, floor model water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.

These water coolers are certified to **NSF/ANSI 61**.

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass† Filler Option	•Pre-Cooler	Ship. Wt. Lbs.
		Room Temperature °F							
		70°F	80°F	90°F					
EFA4	4.0	4.8	4.4	4.0	230	2.5	Yes	No	78
EFA8	7.6	9.2	8.4	7.6	370	4.0	Yes	No	81
EFA14	13.5	16.3	14.9	13.5	665	7.2	Yes	No	84
††EFA16	9.6	18.8	17.1	15.5	510	5.5	Yes	Yes	87
††EFA20	12.0	23.6	21.5	19.5	665	7.2	Yes	Yes	87

*Based on 80°F inlet water temperature.

•Pre-cooler capacities based on 60% spill through pre-cooler.

†Glass filler available at extra cost. Require factory preparation to receive glass filler.

††EFA16 and EFA20 meet only the lead-free definition of NSF/ANSI 61.

Rated watts shown are based on operational (run) time, in compliance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

Foot pedal available. Factory installed only.

COOLING SYSTEM

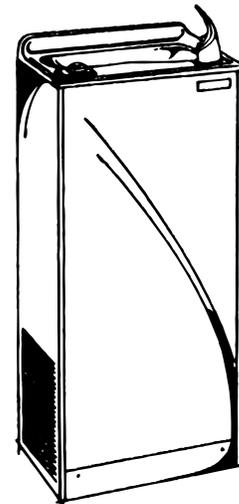
Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. (EFA4 has steel tube with steel fins.) Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant type HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free performance.

Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.



Model EFA4

CONSTRUCTION

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Exclusive Cascade basin, tested most splash-resistant, features multi-level deck design with a built-in vandal-resistant strainer.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes a pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements and all sanitary codes.

Removable Panel: Removable front panel offers easy accessibility to interior.

Color Selection: Gray Beige vinyl furnished as standard unless alternate panel color is selected. Alternate panel colors in vinyl are: Granite, Sandalwood, and Natural Almond. All furnished at no extra cost. Stainless steel available at extra cost.

Cabinet: Cabinet design allows for flush to wall mounting or free standing.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



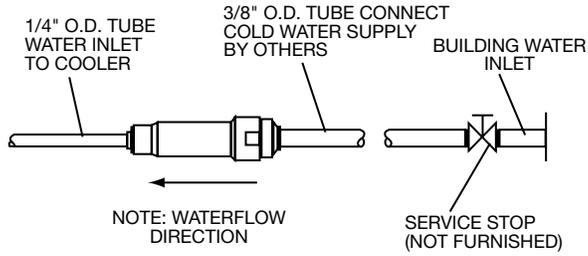
Elkay Electric Air Cooled Water Coolers meet the requirements of NSF/ANSI 61. Unit complies with A.R.I. Standard 1010.

**Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

**No Lead Floor Model Water Cooler
Air Cooled
Models EFA4, EFA8, EFA14, EFA16 and EFA20**



**IMPORTANT!
INSTALLER PLEASE NOTE:**

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

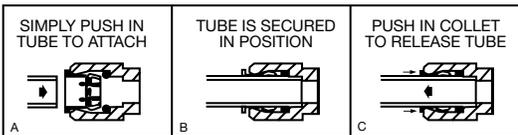
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

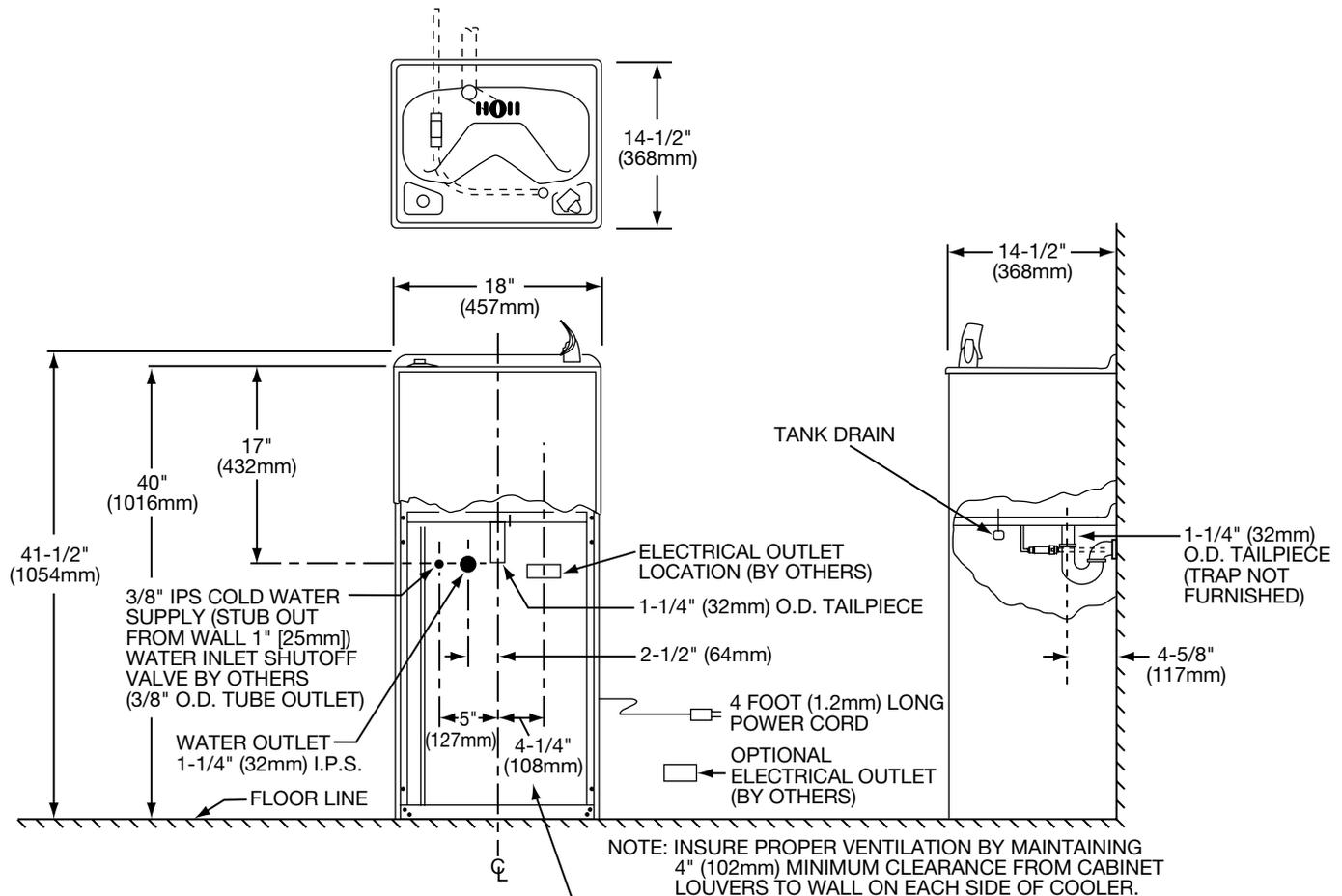
This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE



PLUMBING ROUGH-IN CAN BE LOCATED ANYWHERE WITHIN THIS AREA.

ELKAY®

SPECIFICATIONS

No Lead Wall Mount Water Cooler Air Cooled – Models EWA4, EWA8, EWA14, EWA16 and EWA20

GENERAL

Self-contained, electric refrigerated, wall hung water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of waterborne particulate of 140 microns and larger prior to their entry into the water cooler.

These water coolers are certified to **NSF/ANSI 61**.

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass† Filler Option	•Pre-Cooler	Ship. Wt. Lbs.
		Room Temperature °F							
		70°F	80°F	90°F					
EWA4	4.0	4.8	4.4	4.0	230	2.5	Yes	No	66
EWA8	7.6	9.2	8.4	7.6	370	4.0	Yes	No	69
EWA14	13.5	16.3	14.9	13.5	665	7.2	Yes	No	72
†EWA16	9.6	18.8	17.1	15.5	510	5.5	Yes	Yes	76
†EWA20	12.0	23.6	21.5	19.5	665	7.2	Yes	Yes	74

*Based on 80°F inlet water temperature.

•Pre-cooler capacities based on 60% spill through pre-cooler.

†Glass filler available at extra cost. Requires factory preparation to receive glass filler.

††EWA16 and EWA20 meet only the lead-free definition of NSF/ANSI 61.

Rated watts shown are based on operational (run) time, in compliance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

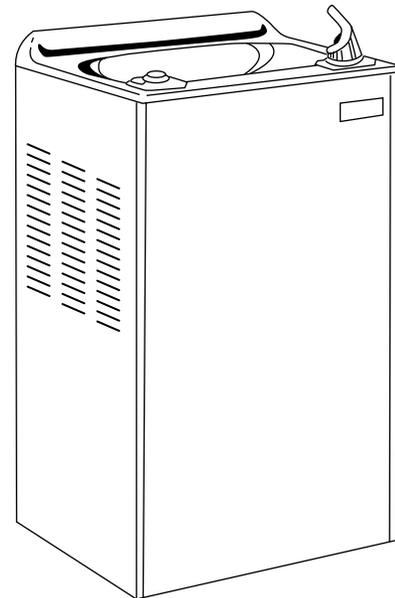
Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. (EWA4 has steel tube with steel fins.) Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free performance.

Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirement.



Model EWA4

CONSTRUCTION

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Exclusive Cascade basin tested most splash-resistant, features multi-level deck design with a built-in vandal-resistant strainer.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Keyed in location to prevent rotation.

Removable Panel: Removable front panel offers easy accessibility to interior. Cabinet design allows for flush to wall mounting.

Color Selection: Gray Beige vinyl furnished as standard unless alternate wrapper color is selected. Alternate wrapper colors in vinyl are: Granite, Sandalwood, and Natural Almond. All furnished at no extra cost. Stainless steel units available at extra cost.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



Elkay Electric Air Cooled Water Coolers meet the requirements of NSF/ANSI 61. Unit complies with A.R.I. Standard 1010.

**Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay

elkayusa.com

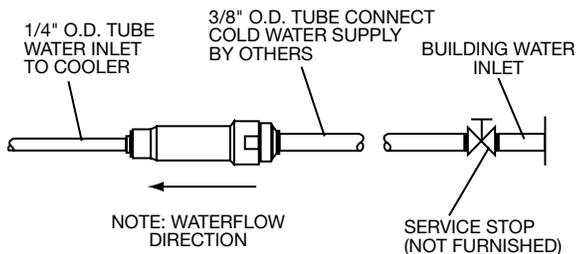
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Oak Brook, IL 60523

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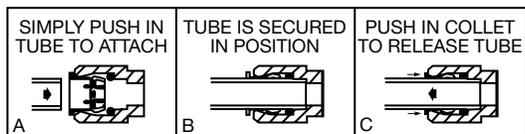
(Rev. 9/06) 10-8H

**No Lead Wall Mount Water Cooler
Air Cooled – Models EWA4, EWA8,
EWA14, EWA16 and EWA20**

**ELKAY®
ROUGH-IN DIMENSIONS**



OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

**IMPORTANT!
INSTALLER PLEASE NOTE:**

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

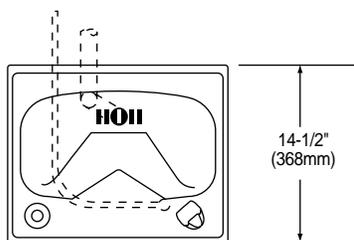
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

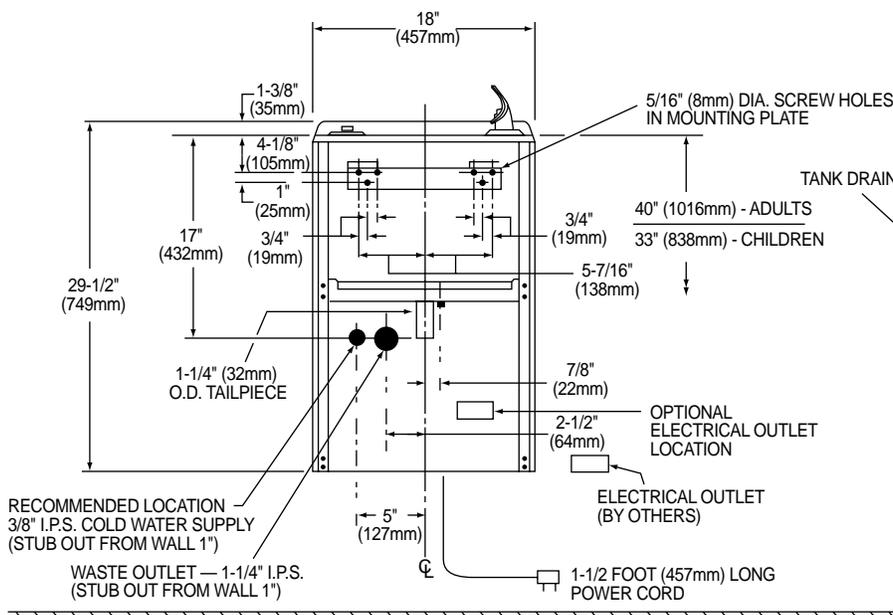
This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

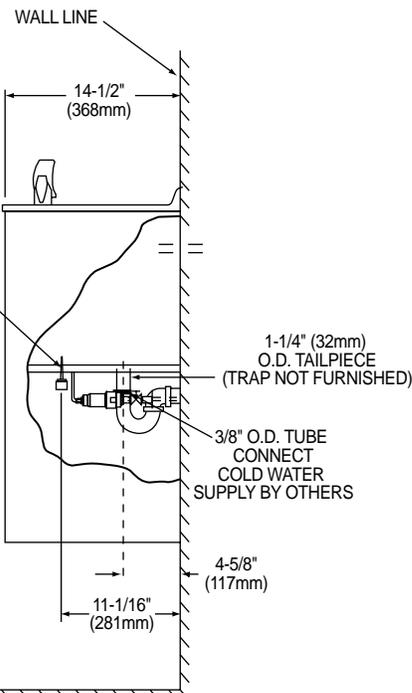
TOP VIEW



FRONT VIEW



SIDE VIEW



No Lead Floor Model Water Cooler with Hot Water Service, Air Cooled Models **EFHA8** and EFHA14



SPECIFICATIONS

GENERAL

Self-contained, electric refrigerated, floor model water cooler. Capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Non-pressurized tank system is standard. Non-pressurized water tank is located after bubbler valve, so that the tank is subject to line pressure only when valve button is pressed.

NO LEAD DESIGN

THIS WATER COOLER COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of water born particulate of 140 microns and larger prior to their entry into the water cooler.



These water coolers are classified by Underwriters Laboratories Inc. in accordance with **ANSI/NSF61, Section 9-1997b.**

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filler Option	Ship. Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
EFHA8	8.0	9.2	8.6	8.0	920	9.5	Yes	90
EFHA14	13.5	15.5	14.5	13.5	1100	12	Yes	93

*Based on 80°F inlet water temperature.

† Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Foot pedal available. Factory installed only.

Rated watts shown are based on operational (run) time, in accordance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

Motor Compressor: Hermetically sealed, 115V, 60 Hertz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

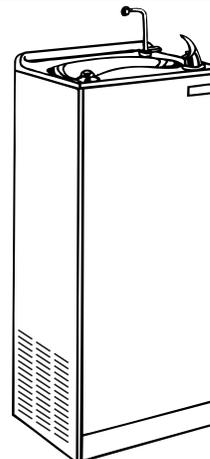
Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.

Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble free performance.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements.

Insulated Hot Tank: Stainless steel storage tank heats and serves up to 40 (6 oz.) cups per hour of piping hot water for soups and beverages.



Model EFHA8

CONSTRUCTION

Fountain Top: One piece stainless steel top, polished to a uniform Elkay bright luster finish. Exclusive Cascade basin, tested most splash resistant, features multi-level deck design with a built-in vandal-resistant strainer.

Stream Projector: Separate push button control. Stream projector with protective hood meets all sanitary codes and has in-line flow regulator from 20 to 105 psi.

Exclusive Flexi-Guard® Safety Bubbler:** Innovative design utilizes a pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements and all sanitary codes.

Removable Panel: Removable front panel offers easy accessibility to interior.

Color Selection: Gray Beige vinyl furnished as standard unless alternate panel color is selected. Alternate wrapper colors are: Granite, Sandalwood and Natural Almond, all furnished at no extra cost. Stainless steel units available at extra cost.

Cabinet: Cabinet design allows for flush to wall mounting, or free standing.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc., approved by C.S.A., rated in accordance with A.R.I. Standard 1010 and meet all known federal and state plumbing codes.

STANDARDS

Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.



Rated in accordance with A.R.I. Standard 1010 and meets all known federal and state plumbing codes.

*Patent #4,481,971

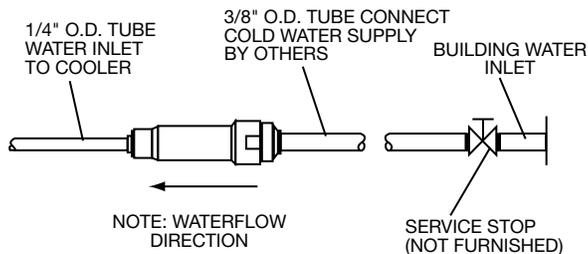
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In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

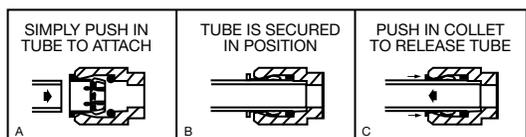
No Lead Floor Model Water Cooler with Hot Water Service, Air Cooled Models **EFHA8 and EFHA14**



ROUGH-IN DIMENSIONS



OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

IMPORTANT! INSTALLER PLEASE NOTE:

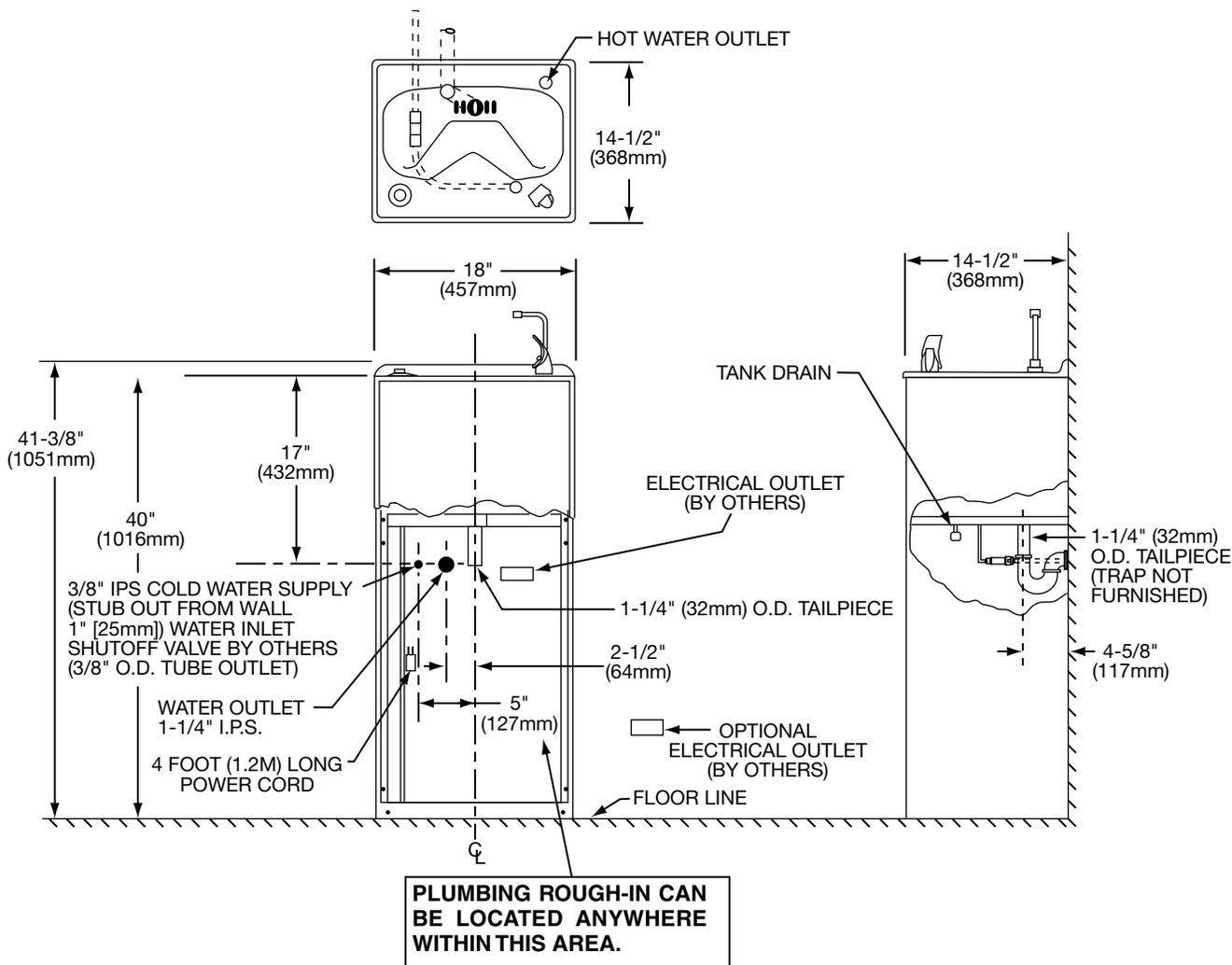
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.



ELKAY®

SPECIFICATIONS

EZS8L

Wall Mount Water Coolers Barrier-Free Access (Adult & Child) NSF/ANSI 61 Compliant Models EZ4, EZ8, EZS4, **EZS8**, EZSD and EZD

GENERAL

Self-contained, wall hung electric refrigerated water cooler. Chilling capacity of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

Models EZS4 and EZS8 have self-closing Easy-Touch Controls on front and both right and left sides.

Models EZ4 and EZ8 each have self-closing Easy-Touch Controls on the front only.

Model EZSD is non-refrigerated. Same as EZS8 without cooling system. (Requires outlet for power cord.)

All models have a hooded stream projector with Easy-Touch Controls that require less than 3 pounds of force to activate. Patented* valve with built-in flow regulator provide constant stream from 20 to 105 psi, water pressure. Bubbler orifice fully protected to meet all sanitary codes.

Non-pressurized stainless steel cooling tank is standard. Non-pressurized water tank is located after bubbler valve, so that tank is subject to line pressure only when Easy-Touch Control is pressed.

ADA COMPLIANT

These Water Coolers comply with the requirements of A.D.A. (Americans with Disabilities Act) when properly installed. Also meets the guidelines for children's environments providing the floor to orifice height is 30" or less and proper clear floor space is provided for parallel approach. (Based on Architectural and Transportation Barriers Compliance Board final ruling.) Check Local and State Codes.

NO LEAD DESIGN

These Water Coolers are certified to be lead-free as defined by the Safe Drinking Water Act. Elkay Water Coolers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted. A strainer with an easily cleanable screen is provided to allow trapping and convenient removal of waterborne particulate of 140 microns and larger prior to their entry into the water cooler.

These water coolers are certified to **NSF/ANSI 61**.

CAPACITIES CHART

Model Number	Base Rate	**GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass† Filler Option	Ship. Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
EZS4	4.0	5.0	4.4	4.0	370	4.0	Yes	56
EZS8	8.0	9.7	8.8	8.0	370	4.0	Yes	56
EZ4	4.0	5.0	4.4	4.0	370	4.0	Yes	56
EZ8	8.0	9.7	8.8	8.0	370	4.0	Yes	56
EZSD	-	-	-	-	-	-	Yes	18
EZD	-	-	-	-	-	-	Yes	18

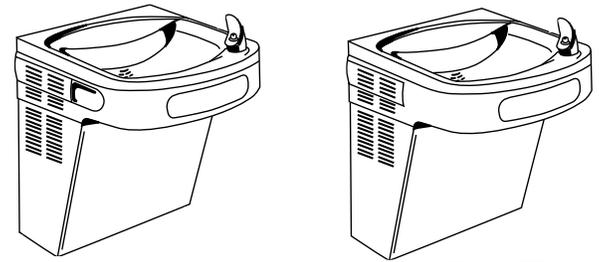
**Based on 80°F inlet water temperature. †Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Rated watts shown are based on operational (run) time, in compliance with A.R.I. Standard 1010 conditions. Specific applications will determine the actual watts consumed per hour. Watts consumed will be based on number of people served per hour (usage), ambient temperatures, and inlet water temperature.

COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115V, 60 Hz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug (domestic models).

Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.



Model EZS

Model EZ

RATED FOR INDOOR APPLICATIONS ONLY

Cooling Unit: Combination tube-tank type. Self cleansing. Tube portion is continuous coil of copper tubing. Tank is stainless steel. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self-extinguishing material.

Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble-free operation.

Temperature Control: Enclosed adjustable thermostat is factory pre-set. Requires no adjustment other than for altitude requirements. Easily accessible.

CONSTRUCTION

Frame: Galvanized structural steel chassis supports refrigeration system and fastens to wall. Provides increased structural integrity and rigidity to cooler.

Stainless Steel Basin: One piece polished to a uniform Elkay bright luster finish. Basin has integral drain grid, embossed bubbler pad. No exposed fasteners.

Exclusive Flexi-Guard® Safety Bubbler*: Innovative design utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position. Strong. Abrasion-resistant. Anti-sweat. Keyed in location to prevent rotation.

Upper Shroud: Contoured shock-absorbing, provides additional protection against accidental injury. No exposed fasteners.

Lower Shroud: One piece easy to remove and replace. Allows access to internal components from three sides.

Cabinet: Cabinet design allows for flush to wall mounting. No recess space is required.

Color Selection: Unless otherwise specified cabinet is two-tone gray on upper shroud with textured gray lower shroud. Stainless Steel lower shroud available at extra cost.

5 YEAR LIMITED WARRANTY on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. Sample Certificate available on request.

Elkay Pressure-Type Water Coolers are designed to operate on 20 psi to 105 psi supply line pressure. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this product to supply line pressures lower than 20 psi or higher than 105 psi is not covered by the warranty.

STANDARDS



Elkay Electric Air Cooled Water Coolers are listed by Underwriters Laboratories Inc. and comply with both Canadian and U.S. requirements.

These units comply with A.R.I. Standard 1010.

* Patent #4,481,971

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

Elkay

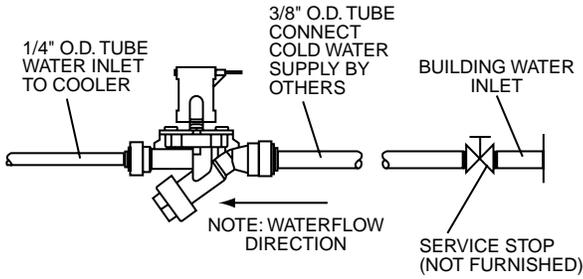
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Oak Brook, IL 60523

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(Rev. 8/09) 12-23D

Wall Mount Water Coolers
Barrier-Free Access (Adult & Child)
NSF/ANSI 61 Compliant
Models EZ4, EZ8, EZS4, EZS8, EZSD and EZD



Open space rough-in design permits new installation or replacement of existing fountains and coolers with this Elkay cooler when rough-in is within the outline shown. When the cooler is mounted as shown the location available is from 15" to 21-11/16" from floor and 1-1/16" to 7-1/4" from the left of centerline. Space is also available from 21-11/16" to 24-5/8" from floor and 2-3/4" to 7-1/4" from the left of centerline. Additional space is also available from 24-5/8" to 26-11/16" from floor and 3-3/4" to 7-1/4" from the left of centerline. Connections approaching the limits of these areas may be restricted and should only be considered for use until after an examination of the cooler has been made.

IMPORTANT!
INSTALLER PLEASE NOTE:

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

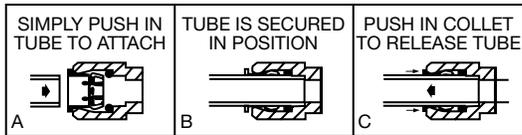
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

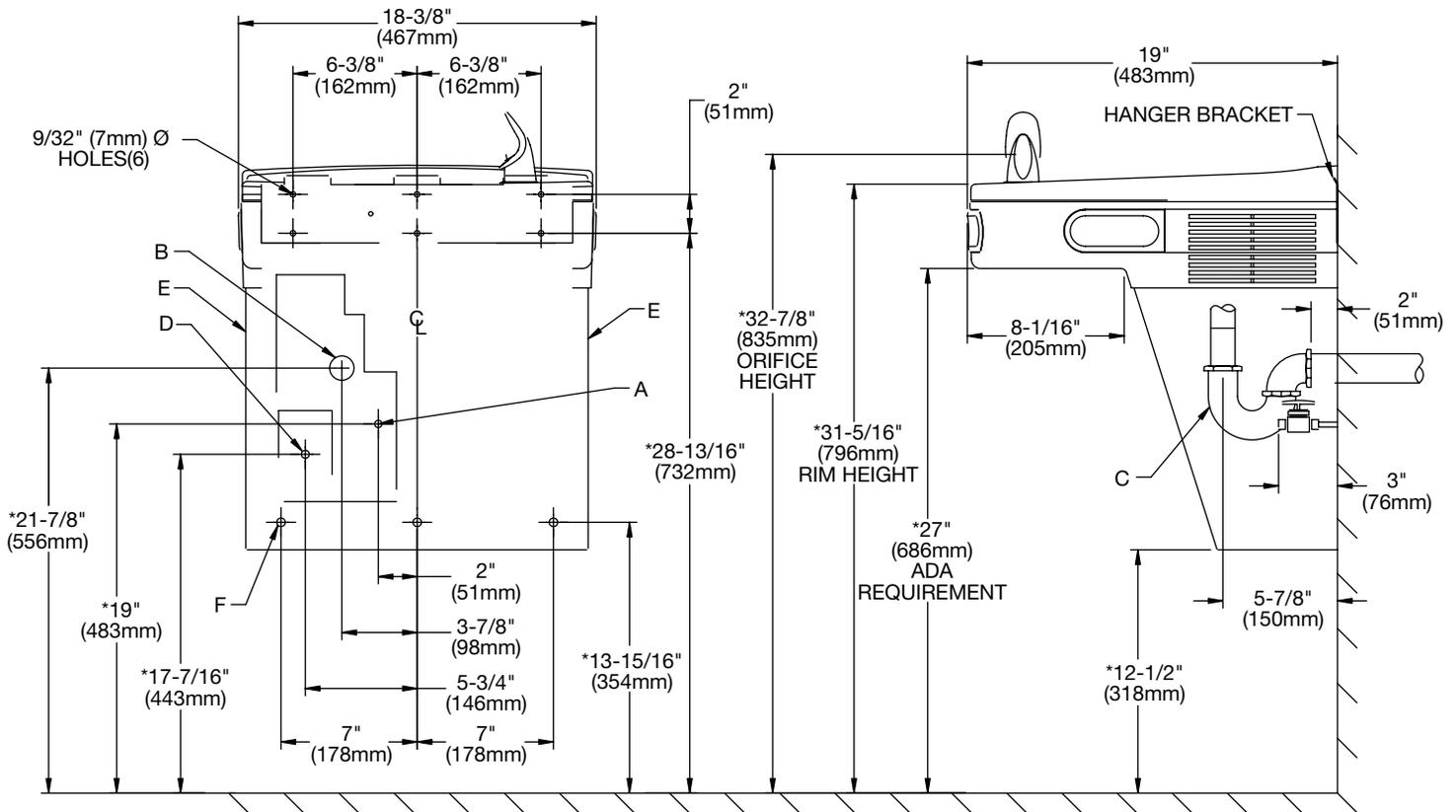
The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

FRONT VIEW **RATED FOR INDOOR APPLICATIONS ONLY** **SIDE VIEW**



LEGEND

- A = RECOMMENDED WATER SUPPLY LOCATION 3/8" O.D. UNPLATED COPPER TUBE CONNECT STUB WITH SHUT OFF (BY OTHERS) 3 IN. (76mm) MAXIMUM OUT FROM WALL.
 - B = RECOMMENDED LOCATION FOR WASTE OUTLET 1-1/4" O.D. DRAIN STUB 2 IN. (51mm) OUT FROM WALL.
 - C = 1-1/4" TRAP NOT FURNISHED.
 - D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX.
 - E = INSURE PROPER VENTILATION BY MAINTAINING 6" (152mm) (MIN.) CLEARANCE FROM CABINET LOUVERS TO WALL.
 - F = 7/16" BOLT HOLES FOR FASTENING UNIT TO WALL.
- *REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDRENS ADA COOLER.

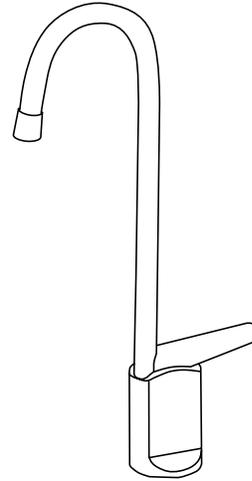
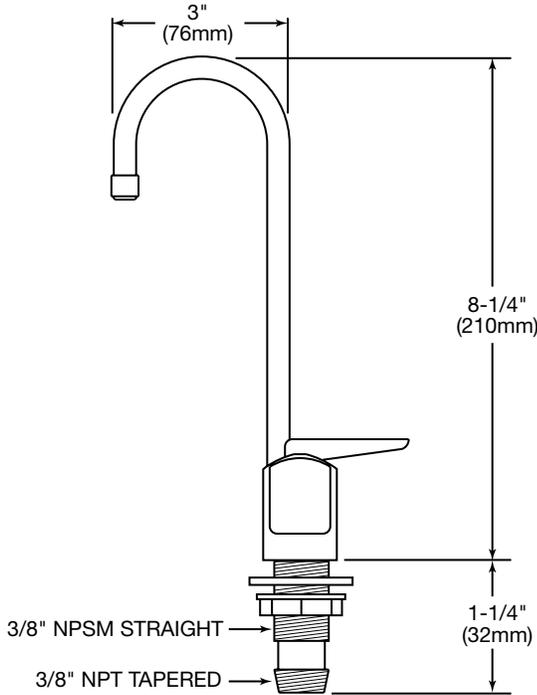
ELKAY® SPECIFICATIONS

Push Lever Glass Filler Model LK1110

GENERAL

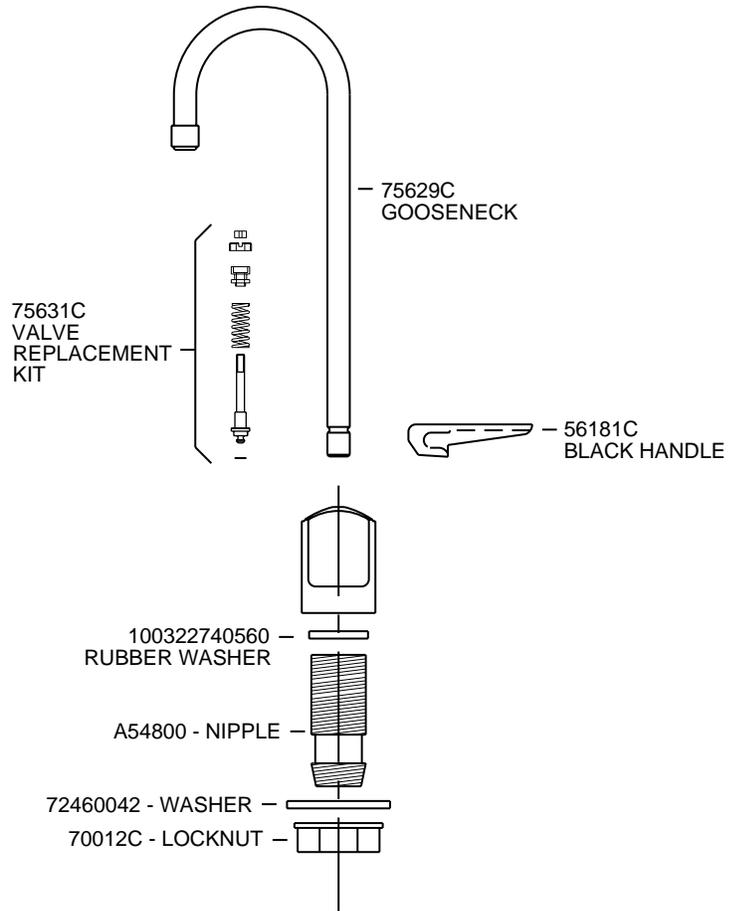
K1110 stainless steel single water gooseneck glass filler, manufactured with 100% lead-free material, plastic push lever control, 8-1/4" (210mm) high overall, 3/8" NPT connection. Ship. Wt. 1 lb.

DIMENSIONS



Model LK1110

PARTS LIST



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