

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

ELKAY®

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 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	•Pre-Cooler	Ship. Wt. Lbs.
		Room Temperature °F							
		70°F	80°F	90°F					
EFA4	2.2	4.6	4.3	4.0	300	3.3	Yes	No	78
EFA8	8.0	9.2	8.6	8.0	420	5.5	Yes	No	81
EFA14	13.5	15.5	14.5	13.5	600	8.0	Yes	No	84
††EFA16	15.5	17.8	16.7	15.5	600	8.0	Yes	Yes	87
††EFA20	12	22.6	21.1	19.5	600	8.0	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 ANSI/NSF61, Section 9-1997b.

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.

Foot pedal available. Factory installed only.

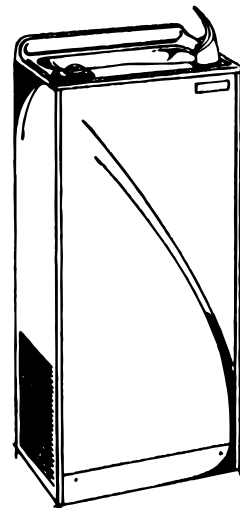
COOLING SYSTEM

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.



Model EFA4

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

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 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

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 Manufacturing Company

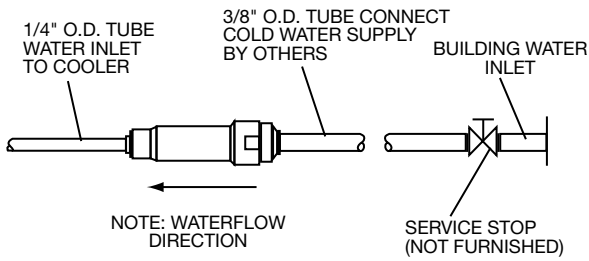
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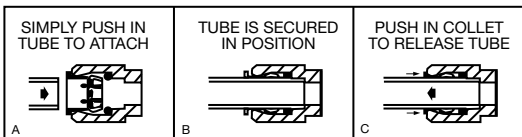
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ROUGH-IN DIMENSIONS



OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

**IMPORTANT!
INSTALLER PLEASE NOTE:**

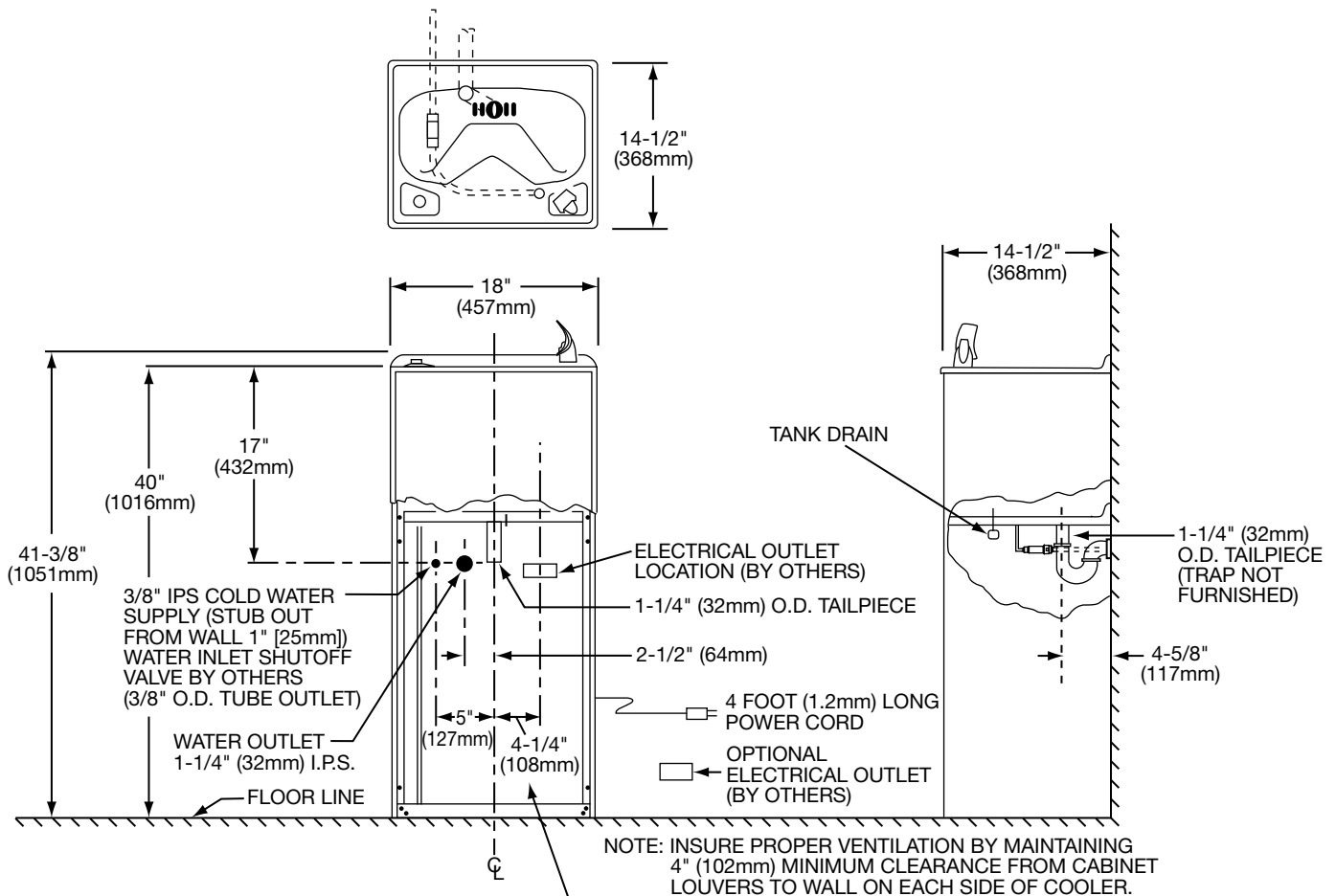
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

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.



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

**No Lead Floor Model Water Cooler
High Ambient, High Capacity
Models EFA25**



SPECIFICATIONS

GENERAL

Self-contained, electric refrigerated, floor model. High capacity unit for use in hot climates and/or with high inlet water temperatures.

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.

COOLING SYSTEM

Motor Compressor: Hermetically sealed, reciprocating type, 115 Volt, 60 Hz, 230 Volt/50 Hz and 220 Volt/60 Hz. All are single phase. Sealed-in lifetime oil supply. 115 Volt/60 Hz model equipped with 4 foot (1219 mm) 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. Tank is Type 304 stainless steel. Fully insulated with EPS foam which meets Underwriters Laboratories requirements for self extinguishing material.

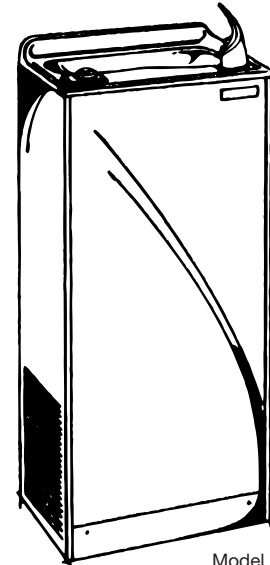
Refrigerant Control: Refrigerant HFC-134a is controlled by accurately calibrated capillary tube for positively trouble free performance.

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

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 elastomer to prevent accidental mouth injuries. Flexes on impact, then returns to original position.



Model EFA25

Strong. Abrasion-resistant. Anti-sweat. Meets UL requirements and all sanitary codes.

Cabinet: Cabinet design allows for flush to wall mounting, or free standing. All exterior fasteners are vandal resistant.

Color Selection: Stainless steel furnished as standard.

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 (138 KPa) to 105 psi (724 KPa) supply line pressure. If inlet pressure is above 105 psi (724 KPa), 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 (138 KPa) or higher than 105 psi (724 KPa) is not covered by the warranty.

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

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



* Patent #4,481,971

CAPACITIES CHART

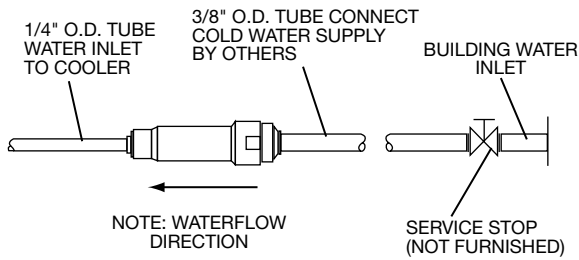
Model Number	Voltage Hertz	Room Temp.	90°F (32°C)	90°F (32°C)	110°F (43°C)	120°F (49°C)	Rated Watts	Full Load Amps	Compr. HP	Glass† Filler Option	•Pre-Cooler	Ship. Wt. Lbs.
		Inlet Water Temp.	75°F (24°C)	80°F (27°C)	90°F (32°C)	100°F (38°C)						
		Base Rate	GPH of 50°F (10°C) Drinking Water									
EFA251	115V/60hz	19.5 (73.8)	30.0 (113.6)	28.6 (108.3)	15.0 (56.8)	10.0 (37.9)	875	12.0	1/2	Yes	Yes	84
EFA252	230V/50hz	18.7 (70.8)	29.4 (111.3)	28.0 (106.0)	14.7 (55.6)	9.8 (37.1)	875	6.0	1/2	Yes	Yes	84
EFA253	220V/60hz	16.7 (63.2)	25.6 (96.9)	24.4 (92.4)	12.8 (48.5)	8.5 (32.2)	875	6.0	1/2	Yes	Yes	84

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

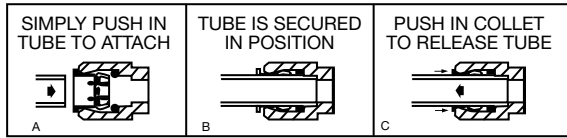
† Glass filler available at extra cost. Requires factory preparation to receive glass filler.

Rated watts shown are based on operational (run) time, in accordance 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.

ROUGH-IN DIMENSIONS



OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

IMPORTANT! INSTALLER PLEASE NOTE:

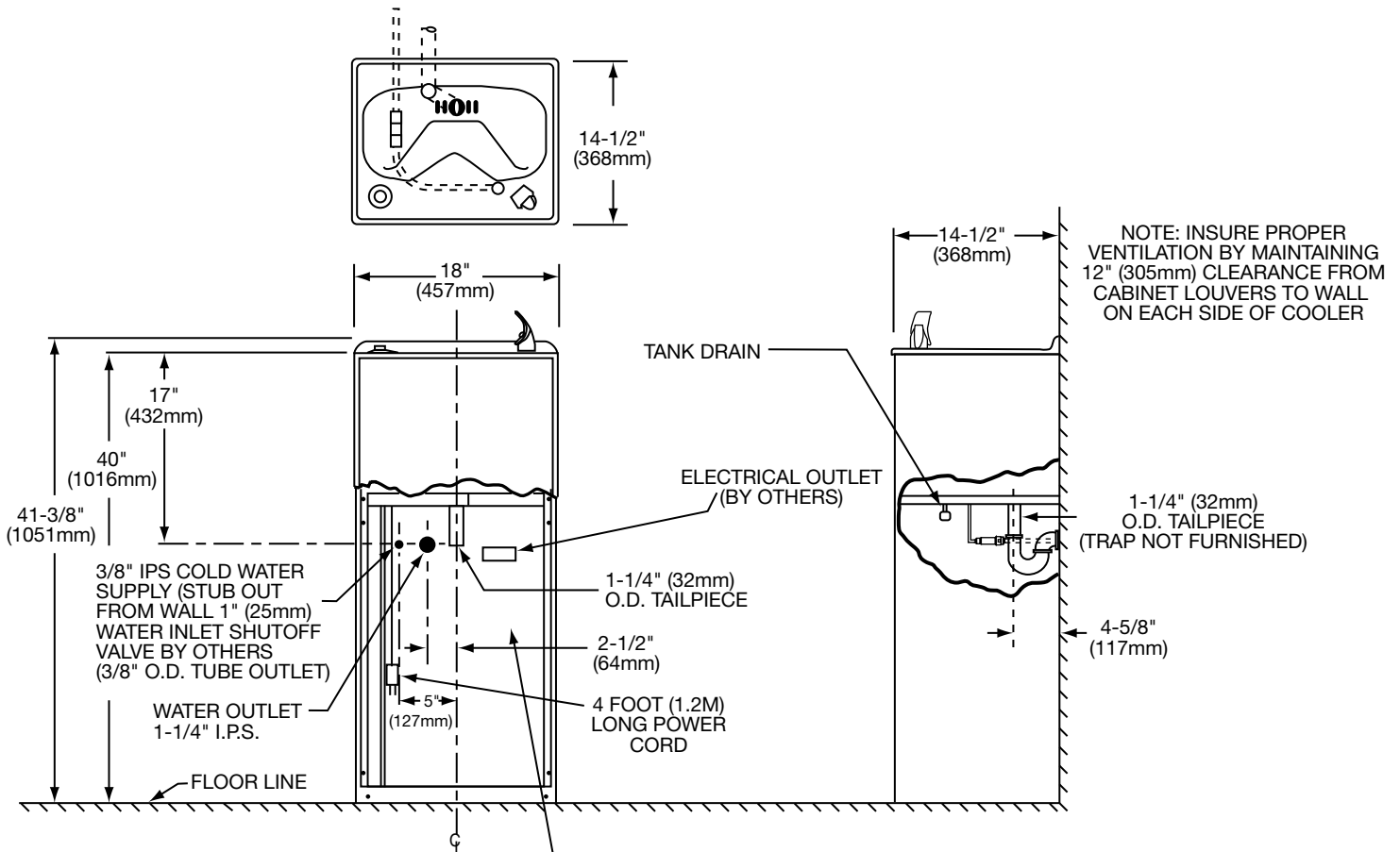
THIS WATER COOLER HAS BEEN DESIGNED AND BUILT TO PROVIDE WATER TO THE USER WHICH HAS NOT BEEN ALTERED BY MATERIALS IN THE COOLER WATER WAYS.

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.



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

**No Lead Floor Water Cooler
Water Cooled
Models EFW16, EFWC16 (Corrosion-Resistant)**



SPECIFICATIONS

GENERAL

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



This water cooler is 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				
EFW16	9.5	16.0	16.0	16.0	340	4.5	Yes	85
EFWC16	9.5	16.0	16.0	16.0	340	4.5	No	85

*Based on 80°F inlet water temperature.

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

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. Foot pedal available. Factory installed only. (Not available on corrosion-resistant model.)

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: Water cooled and has automatic condenser valve.

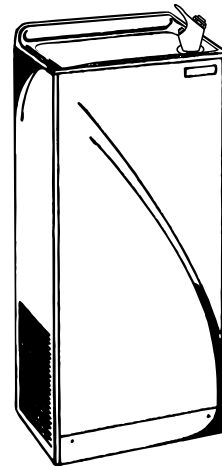
Cooling Unit: Combination tube-tank type. Tube portion is continuous coil of copper tubing. Tank is stainless steel. Fully insulated with EPS foam which meets Underwriters Laboratories Inc. requirements for self extinguishing material.

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

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

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.



Model EFWC16

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

Corrosion-Resistant Model EFWC16 is equipped with chrome-plated brass bubbler with push button control. Bubbler has inline flow regulator for use between 20 and 105 psi. Both bubblers meet 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. Corrosion-resistant model EFWC16 available only in type 316 stainless steel.

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

OTHER

Corrosion-resistant Model EFWC16 features type 316 stainless steel cabinet, base and stainless steel fasteners. A special protective coating is also applied to the compressor, condenser, cooling tank, waterways and refrigerant lines.

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 Water 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

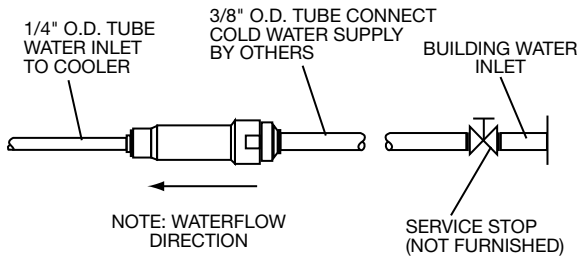
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This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

**No Lead Floor Water Cooler
Water Cooled
Models EFW16, EFWC16 (Corrosion-Resistant)**



ROUGH-IN DIMENSIONS



**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.

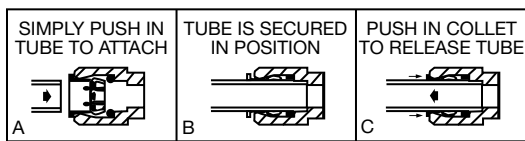
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic 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

