

# ELKAY® SPECIFICATIONS

## No Lead Wall Mount – Fully-Recessed Water Cooler/Cuspidor Combination Models EFRPCM8 and EFRPC8

### GENERAL

Wall type, fully recessed, electric water cooler and cuspidor combination includes mounting boxes, refrigeration package, louvered grill and fountain only push bar for bubbler stream and cuspidor rinse control. Fountain and cuspidor have contoured basins to minimize splashing. Flexi-Guard® safety bubbler and easy to operate, fully functional stainless steel, vandal-resistant front push bar. Flow regulator provides constant stream from 20 to 105 psi water pressure.

**THIS WATER COOLER AND CUSPIDOR COMBINATION COMPLIES WITH THE REQUIREMENTS OF A.D.A. (AMERICANS WITH DISABILITIES ACT) PROVIDING THE FLOOR TO RIM HEIGHT IS 34" OR LESS AND PROPER CLEAR FLOOR SPACE IS PROVIDED.**

### 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.

### CAPACITIES CHART

Model Number	Base Rate	**GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Glass Filter Option	Ship. Wt. Lbs.
		Room Temperature °F						
		70°F	80°F	90°F				
EFRPCM8	8.0	9.2	8.6	8.0	325	3.3	No	107

\*\*Based on 80°F inlet water temperature.

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, reciprocating type, 115V, 60 Hz single phase. Lubricated for life.

**Condenser:** Fan cooled. 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 plastic material.

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

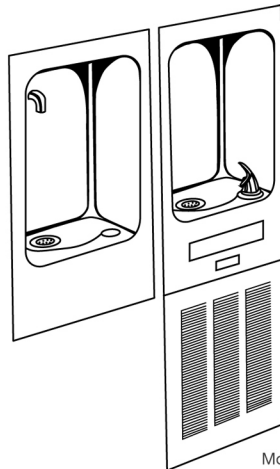
**Temperature Control:** Enclosed adjustable thermostat is easily accessible by removing front grill panel.

### CONSTRUCTION

**Fountain Body:** One piece #18 gauge stainless steel, type 304. Anti-splash design has Exclusive Cascade basin, tested most splash-resistant, extends 1/2" from finished wall after installation. Fully functional, stainless steel push bar is easy to operate and controls flow to both bubbler and cuspidor.

**Model EFRPCM8** – Mounting box MB23A is included with water cooler and Mounting box MB24 is included with cuspidor.

**Model EFRPC8** – Used when mounting Box MB23A and MB24 is pre-ordered for early installation



Model EFRPCM8

**Cuspidor Body:** One piece #18 gauge stainless steel, type 304. Anti-splash design. Extends only 1/2" from finished wall after installation.

**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.

**Front Panel Grill:** Made of type 304 stainless steel polished to a uniform Elkay finish. Removable, louvered ventilating grill encloses refrigeration unit and plumbing.

**Wall Mounting Box:** MB23A is included with water cooler and MB24 mounting box is included with cuspidor. For model EFRPC8, MB23A and MB24 must be pre-ordered for installation.

**Protected by Elkay's 5 Year Limited Warranty** on the refrigeration system of the unit.

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.

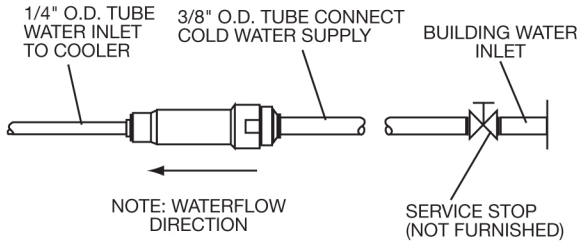
This cooler is certified by WQA to lead-free compliance including **NSF/ANSI 61 and 372.**

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit [elkayusa.com](http://elkayusa.com) for most current version of Elkay product specification sheets.

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.

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# ELKAY® 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.

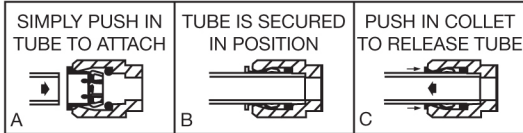
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic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

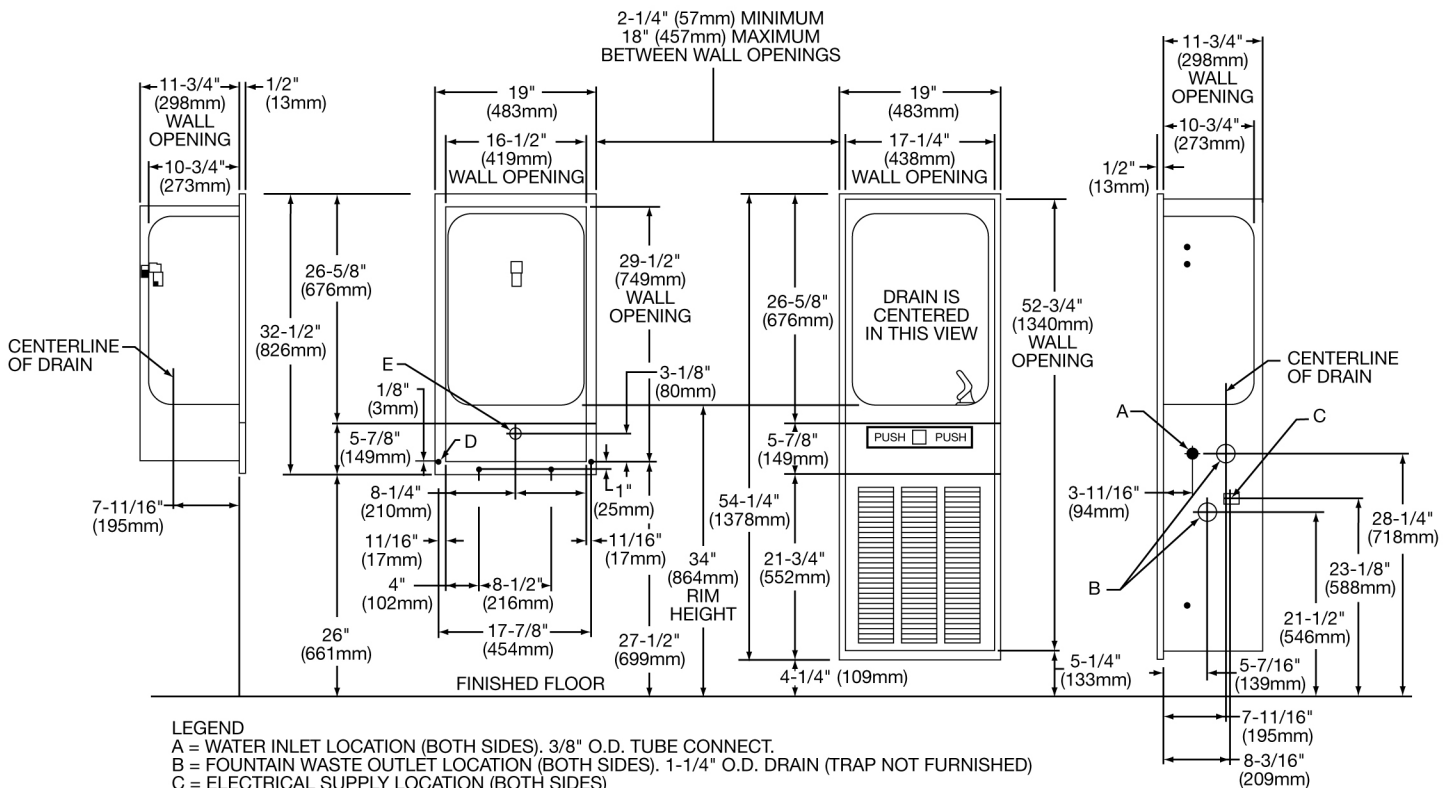


PUSHING TUBE IN BEFORE  
PULLING IT OUT HELPS TO  
RELEASE TUBE

Mounting frame MB23A and MB24  
not included with model EFRPC8

### FRONT VIEW

### SIDE VIEW



**LEGEND**  
A = WATER INLET LOCATION (BOTH SIDES). 3/8" O.D. TUBE CONNECT.  
B = FOUNTAIN WASTE OUTLET LOCATION (BOTH SIDES). 1-1/4" O.D. DRAIN (TRAP NOT FURNISHED)  
C = ELECTRICAL SUPPLY LOCATION (BOTH SIDES)  
D = MOUNTING HOLES FOR 1/4" DIA. (6mm) SCREWS  
E = CUSPIDOR WASTE OUTLET LOCATION. 1-1/4" O.D DRAIN (TRAP NOT FURNISHED)