

ELKAY® SPECIFICATIONS

No Lead Floor Model Water Cooler Water Cooled Hazardous Location Model EFY8

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 tube-on-tube system is standard. Non-pressurized cooling coil is located after bubbler valve, so that cooling coil 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.

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				
EFY8	8.0	10.2	9.6	8.0	400	5.0	NO	81

*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 Hertz single phase. Sealed in lifetime oil supply.

Electrical: Requires 1/2" I.P.S. rigid conduit into junction box inside cabinet (hole provided).

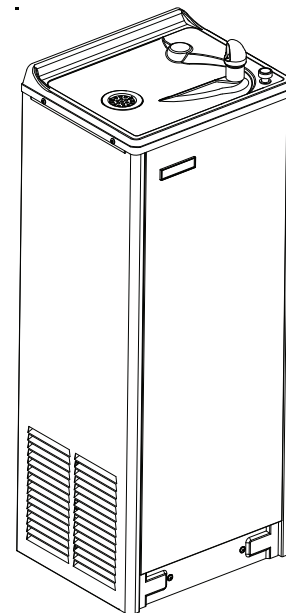
Condenser: Water cooled.

Cooling Unit: Tube-on-tube type all copper counterflow design. 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.

UL Listed: Listed by Underwriters Laboratories Inc. under Water Coolers, for use in Hazardous Locations in following classes: Flammable Gases or Vapors, Class I, Groups C and D; Combustible Dust, Class II, Groups E, F and G; and Ignitable Fibers of Flyings, Class III, as described in articles 500-5, 500-6 and 500-7 of the National Electrical Code (includes Division 1 and 2 for each class). Class I Temperature T4A. All wiring, wiring devices, controls, etc., are in UL Listed enclosures and conduits.



Model EFY8

CONSTRUCTION

Fountain Top: One piece stainless steel top.

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

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

Color Selection: Available only with stainless steel panels.

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

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-ANNEX G, AB 1953.**

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

Elkay

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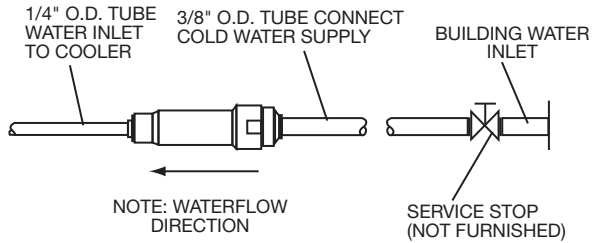
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Water Cooled Hazardous Location
Model EFY8**

**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.

