

ELKAY® SPECIFICATIONS

Air Cooled Refrigerated Water Cooler with WaterSentry® VII Filter System Wall Model LWAE8

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 Design 2000 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.

This water cooler is certified to **ANSI/NSF61**.

WATERSENTRY® VII FILTER SYSTEM

Elkay Water Coolers are equipped with the WaterSentry VII Filter System, which is tested and certified by NSF International. The WaterSentry VII Filter System reduces cysts such as cryptosporidium and giardia by 99.99%. Tested to ANSI/NSF Standard 53 yields a reduction of soluble and insoluble lead content to less than 0.015mg/l. This translates to lead reduction levels of 93% to 99%. Class 1 particulate reduction as tested per ANSI/NSF 42. Removes over 97.5% of free available chlorine which provides Class 1 performance as tested to ANSI/NSF 42. Provides taste and odor improvement.

CAPACITIES CHART

Model Number	Base Rate	*GPH of 50°F Drinking Water			Rated Watts	Full Load Amps	Ship. Wt. Lbs.
		Room Temperature °F					
		70°F	80°F	90°F			
LWAE8	8.9	10.2	9.6	8.9	420	5.5	74

*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

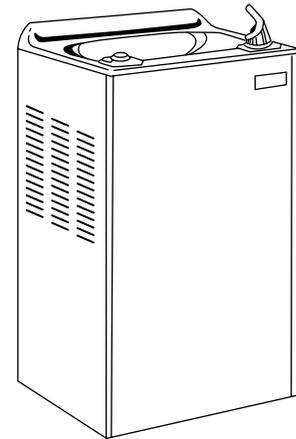
Motor Compressor: Hermetically sealed, 115V, 60 Hz single phase. Sealed-in lifetime oil supply. Equipped with electric cord and three prong molded rubber plug.

Condenser: Fan cooled, copper tube with aluminum fins. 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 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 LWAE8



CONSTRUCTION

Fountain Top: Type 304 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. Stainless steel units available at extra charge.

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.

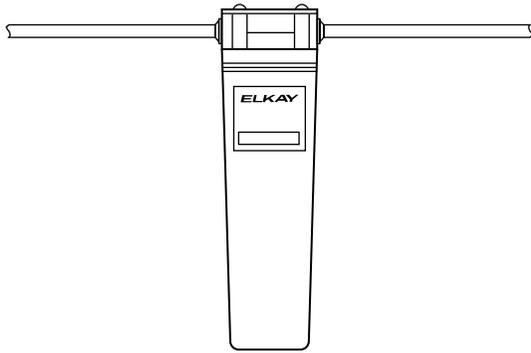
**Patent #4,481,971

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.

**Air Cooled Refrigerated Water Cooler
with WaterSentry® VII Filter System
Wall Model LWAE8**

**ELKAY®
ROUGH-IN DIMENSIONS**



WaterSentry® Filter System
DETAIL A

**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.

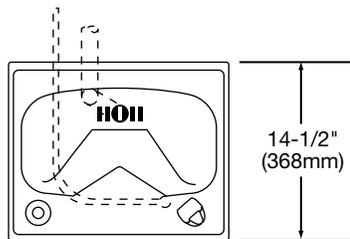
The grounding of electrical equipment such as telephone, computers, etc., to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic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

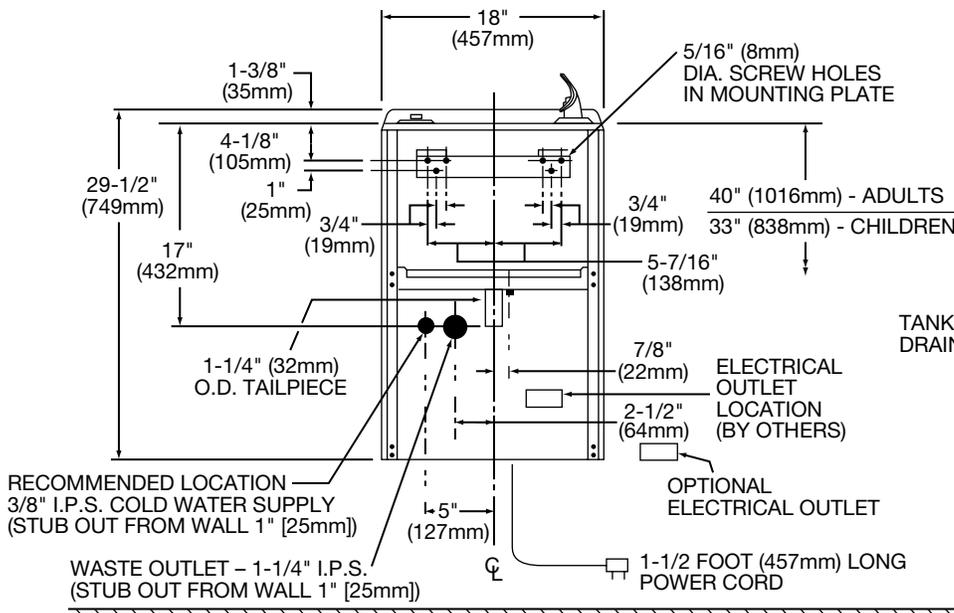
This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement.

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

