

**No Lead Remote Chiller
Air Cooled
Model ER30**



SPECIFICATIONS

GENERAL

Remote type, electric refrigerated, water chiller unit. Chilling capacity of 29.5 gallons per hour of 50°F drinking water, based upon 80°F inlet water and 90°F ambient.

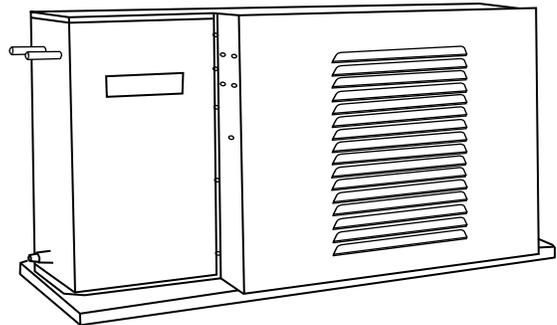
Compact, highly efficient water chiller units are designed for use where large quantity of chilled water is required. May be located in a service area to serve up to three remote outlets (within 15 feet of chiller recommended). Recommended for photo-processing, medical or experimental laboratories and a pre-cooler for beverage dispensing.

NO LEAD DESIGN

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

Elkay Water Chillers are manufactured with a waterway system utilizing copper components and completely lead-free materials. These waterways have no lead because all lead-containing materials, such as leaded brass, have been removed. All joints are brazed using silver solder only. No lead solder is permitted.

 This water chiller is classified by Underwriters Laboratories Inc. in accordance with **ANSI/NSF61, 1997b**.



Model ER30 Remote Chiller

CAPACITIES CHART

Model Number	Inlet Water Temp. (°F)	*GPH of 50°F Drinking Water				No. People Served 50°F Drinking Water			Ship. Wt. Lbs.
		Room Temperature °F				School & Office	Light Mfg.	Heavy Mfg.	
		70	80	90	100				
ER30	70	46.6	45.1	41.3	36.9	738	443	354	125
	80	33.9	31.9	29.5	27.1				
	90	24.8	23.6	22.1	19.2				

*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, 3/4 HP, 115VAC, 60Hz single phase. Sealed in lifetime oil supply.

Power: Rated 14.0 Amps; 1290 Watts.

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 copper.

Refrigerant Control: Refrigerant HFC134a is controlled by accurately calibrated capillary tube for positively trouble-free operation.

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

CONSTRUCTION

Cabinet: Rust-resistant, galvanized steel.

Drain Plug: This chiller is provided with a plastic drain plug which incorporates an o-ring seal. This fitting is designed for potable water applications and should be replaced with a suitable fitting if chiller is used with more aggressive liquids.

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. **Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty. Sample Certificate available on request.**

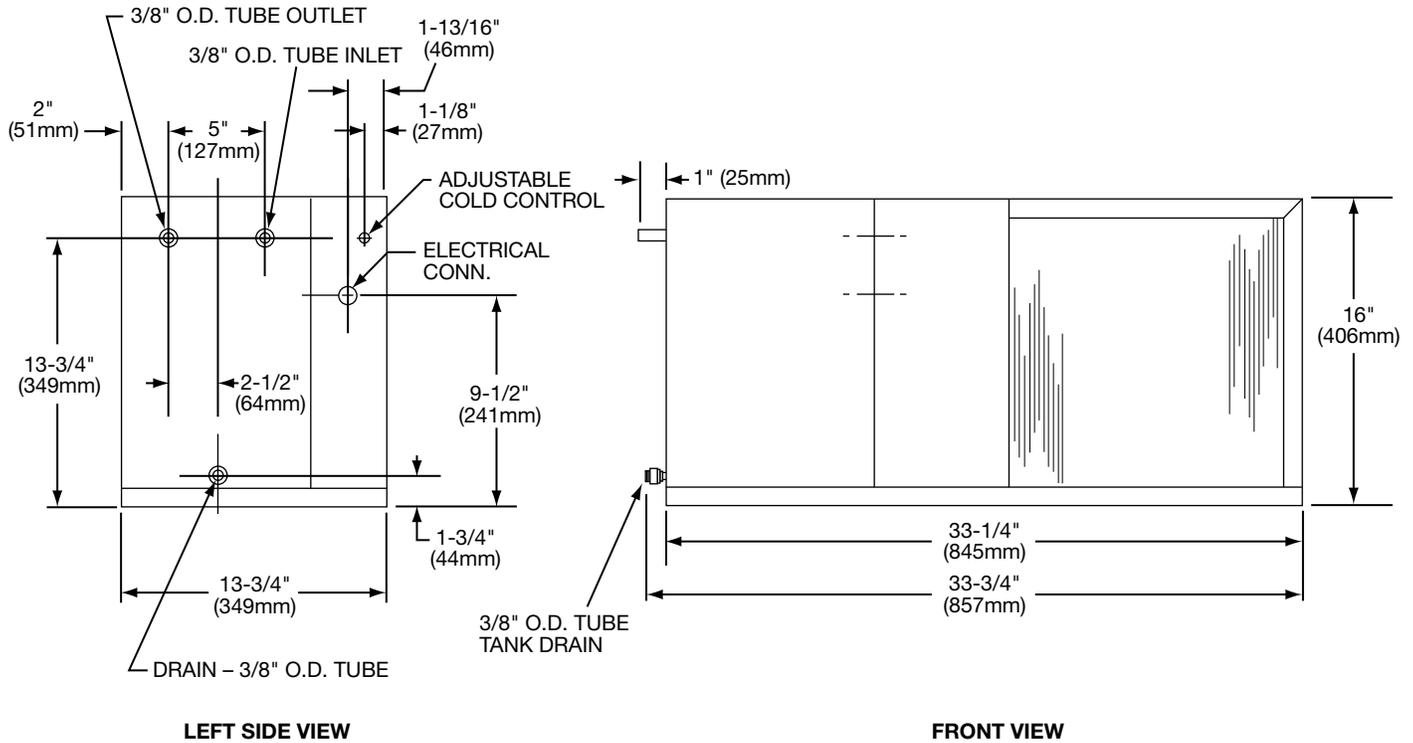
Note: In keeping with our policy of continuing product improvement, Elkay reserves the right to change materials, design and specifications without notice.

Elkay Electric Air Cooled Water Chillers 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.



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.

ROUGH-IN DIMENSIONS



Drain Plug: This chiller is provided with a plastic drain plug which incorporates an o-ring seal. This fitting is designed for potable water applications and should be replaced with a suitable fitting if chiller is used with more aggressive liquids.

NOTE: This unit is intended for remote installation only. It is important to insure proper ventilation. Allow a minimum clearance of 6 inches (152mm) in front and 6 inches (152mm) in the rear of unit.