

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Elkay](#) /

› [Elkay ERS11Y Commercial Remote Chiller Instruction Manual](#)

Elkay ERS11Y

Elkay ERS11Y Commercial Remote Chiller Instruction Manual

Model: ERS11Y

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Elkay ERS11Y Commercial Remote Chiller. Designed for commercial applications, this unit delivers chilled drinking water efficiently. Please read this manual thoroughly before installation and use to ensure proper function and safety.

PRODUCT OVERVIEW

The Elkay ERS11Y is a compact, remote chiller unit constructed from galvanized steel, suitable for various commercial environments. It is designed to provide a continuous supply of chilled water when connected to a compatible dispenser. This unit is NSF compliant, ensuring it meets public health and safety standards.

- **Chilling Capacity:** 1.5 gallons per hour (GPH) of 50°F (10°C) drinking water, based on 80°F (26.7°C) inlet water and 90°F (32.2°C) ambient temperature.
- **Voltage:** 115V
- **Compatibility:** Designed for use with Elkay Aqua-Chill Dispenser model ELK2156.



Figure 1: Elkay ERS11Y Commercial Remote Chiller. This image displays the compact, galvanized steel construction of the chiller unit, highlighting its vented sides and visible condenser coil.

SPECIFICATIONS

Manufacturer	Elkay
Model Number	ERS11Y
Part Number	ERS11Y
Dimensions (H x W x D)	14 inches (plus 2 inches with supplies) x 7-1/8 inches x 17-1/8 inches
Weight	33 pounds
Material	Galvanized Steel
Finish	Galvanized Steel
Voltage	115V
Wattage	850 watts

Chilling Capacity	1.5 GPH (gallons per hour)
Power Source	Corded-electric (requires wiring)

SETUP AND INSTALLATION

Proper installation is crucial for the efficient and safe operation of your Elkay ERS11Y chiller. It is recommended that installation be performed by a qualified professional.

Location Requirements:

- Install the chiller in a location that allows for adequate ventilation. Restricted airflow can lead to reduced efficiency and potential damage.
- Ensure the surface is level and capable of supporting the unit's weight (33 lbs).
- Maintain sufficient clearance around the unit for air circulation and future maintenance access.

Electrical Connection:

- The unit requires a 115V electrical supply.
- Wiring should be performed by a licensed electrician in accordance with all local and national electrical codes. The unit typically requires direct wiring rather than a standard plug.
- Ensure the circuit is properly grounded and protected by an appropriate circuit breaker.

Plumbing Connection:

- Connect the chiller to a potable water supply using appropriate plumbing lines and fittings.
- Ensure all connections are secure and leak-free.
- Flush the water lines thoroughly before connecting to the chiller to remove any debris.
- The chiller is designed for use with compatible water dispensers, such as the Elkay Aqua-Chill Dispenser ELK2156.

Note: Refer to the specific installation instructions provided with your water dispenser for complete plumbing and electrical diagrams.

OPERATING INSTRUCTIONS

Once properly installed and connected, the Elkay ERS11Y chiller operates automatically to provide chilled water.

1. **Initial Startup:** After installation, ensure all water and electrical connections are secure. Turn on the water supply to the unit.
2. **Power On:** Activate the electrical supply to the chiller. The unit will begin the chilling cycle.
3. **First Use:** Allow approximately 30-60 minutes for the chiller to reach its optimal operating temperature and chill the initial volume of water. Dispense a few cups of water to clear any air from the lines and ensure cold water flow.
4. **Automatic Operation:** The chiller is equipped with a thermostat that automatically cycles the compressor on and off to maintain the desired water temperature.

The unit is designed for continuous operation. If the unit is turned off for an extended period, repeat the initial startup steps.

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your chiller. Always disconnect power before performing any maintenance.

- **Condenser Coil Cleaning:** Periodically inspect and clean the condenser coil to remove dust and debris. A dirty coil can reduce cooling efficiency and increase energy consumption. Use a soft brush or vacuum cleaner.

- **Ventilation:** Ensure that the area around the chiller remains clear and well-ventilated. Do not block air vents.
- **Water Line Inspection:** Regularly check water lines and connections for any signs of leaks or damage.
- **Fan Inspection:** Ensure the fan operates freely and is not obstructed. Some user experiences indicate that the fan may need manual adjustment during initial setup to ensure proper clearance.

For any complex maintenance or repairs, contact a qualified service technician.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Elkay ERS11Y chiller. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No cold water / Water not chilling	<ul style="list-style-type: none">• No power to the unit.• Water supply is off.• Condenser coil is dirty or blocked.• Fan is obstructed or not running.• Thermostat malfunction.	<ul style="list-style-type: none">• Check electrical connections and circuit breaker.• Ensure water supply valve is open.• Clean the condenser coil.• Inspect fan for obstructions and ensure free movement.• Contact a qualified technician.
Unit is excessively noisy	<ul style="list-style-type: none">• Loose components.• Fan obstruction or imbalance.• Unit not level.	<ul style="list-style-type: none">• Check for and tighten any loose parts.• Inspect fan for obstructions; ensure it spins freely.• Ensure the unit is placed on a level surface.
Water leaks	<ul style="list-style-type: none">• Loose plumbing connections.• Damaged water lines.	<ul style="list-style-type: none">• Tighten all water connections.• Inspect water lines for cracks or damage and replace if necessary.

WARRANTY INFORMATION

Elkay warrants every water cooler, packaged water chiller, fountain, and accessory to be free from defects in material and workmanship under normal use for **one (1) year** from the date of installation or eighteen (18) months from the date of shipment from the factory, whichever occurs first.

Additionally, Elkay warrants the compressor and hermetically sealed refrigeration system, including cooling coils or tank assembly when part of the hermetically sealed refrigeration system, to be free from defects in material and workmanship under normal use for an additional **four (4) years** from the end of the initial one (1) year period.

Note: Packaged water chillers are not subject to the additional four (4) year warranty when used in chilled water commercial/industrial applications other than for potable water.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about service, please contact Elkay customer service or visit their official website.

Visit the official Elkay Store for more information: [Elkay Store on Amazon](#)



Related Documents - ERS11Y

	<p>Elkay 2018 Commercial Price Guide: Sinks, Fountains, Dispensers & Accessories</p> <p>Explore the comprehensive Elkay 2018 Commercial Price Guide, featuring a wide range of high-quality stainless steel sinks, water coolers, drinking fountains, bottle filling stations, and accessories for commercial applications. Find product specifications, model numbers, and pricing.</p>
	<p>Elkay ezH2O® Built-in Filtered Vandal Resistant Mechanical Bottle Filling Station Installation & Use Manual</p> <p>Comprehensive guide for installing and using the Elkay ezH2O® built-in filtered vandal-resistant mechanical bottle filling station with filter status monitor. Covers safety, preparation, installation, startup, and service.</p>
	<p>Elkay ECH8 Refrigeration Package: Installation, Care & Use Manual</p> <p>Comprehensive installation, care, and usage manual for Elkay ECH8*1N, ECH8*2N, ECH8*3N refrigeration packages. Includes safety information, setup instructions, troubleshooting tips, and parts lists.</p>
	<p>Elkay MFV105-50 Stainless Steel Undermount Sink Specifications</p> <p>Detailed specifications for the Elkay MFV105-50 stainless steel undermount single bowl sink, including dimensions, material, finish, installation details, and compliance information.</p>
	<p>Elkay MFV111-10 Stainless Steel Sink Specifications</p> <p>Detailed specifications for the Elkay MFV111-10 33-inch stainless steel drop-in single bowl sink, including dimensions, material, finish, and product compliance information.</p>
	<p>Elkay ELUH4221L Lustertone Classic Stainless Steel Undermount Sink Specifications</p> <p>Detailed specifications for the Elkay ELUH4221L Lustertone Classic Stainless Steel 40/60 Double Bowl Undermount Sink, including dimensions, material, finish, and installation details.</p>