

ELKAY® SPECIFICATIONS

Filtered Wall Mount Fully Recessed Water Cooler Models LJNEM123KSA & LJNEM83KSA

GENERAL

Wall type, fully recessed electric refrigerated water cooler with stainless steel louvered ventilating grill. Unit furnished with hermetically sealed tube-tank cooling unit in undersection. Cooling unit removable without disturbing electrical or drain connections. Condenser, air cooled by fan. Plumbing and electrical connections are concealed. Entire unit does not extend more than 1/2" from wall surface. Flexi-Guard® safety bubbler. Control push button located on front panel below stream projector. Flow regulator provides constant stream from 20 to 105 psi water pressure. Shall include the WaterSentry® VII 1500-gallon capacity filter, certified to NSF/ANSI 42 and 53, with visual monitor to indicate when replacement is necessary. Unit shall be lead-free design which is certified to NSF/ANSI 61 and 372 and meets Federal and State low-lead requirements.

Unit shall comply with ASME A 112.19.3 / CSA B45.4.

STANDARD FEATURES

- Extra deep basin minimizes splashing; with integral drain
- WaterSentry® VII 1500-gallon capacity Filtration System, certified to NSF/ANSI 42 & 53 (Lead, Class 1 Particulate, Chlorine, Taste & Odor)
- Exclusive Flexi-Guard® Safety bubbler
- Cooler Panel Finish: Stainless Steel
- Rated for Indoor use

COOLING SYSTEM

- Compressor: Hermetically sealed, reciprocating type, 220V, 60 Hz single phase. Sealed-in lifetime lubrication.
- 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 Inc. Requirements for self extinguishing material.
- Refrigerant Control: Refrigerant R134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Easily accessible enclosed adjustable thermostat is factory factory preset. Requires no adjustment other than for altitude requirements.

Warranty: 5 year limited warranty on the unit's refrigeration system. Electrical components and water system are warranted for 12 months from date of installation or 18 months from factory shipment, whichever date falls first.

**RATED FOR INDOOR USE ONLY
ONLY AVAILABLE FOR SAUDI ARABIA**






CONSTRUCTION

- Fountain Top: One piece #16 gauge stainless steel, type 304. Anti-splash design has Exclusive Cascade basin, tested most splash-resistant. Fountain has 1-3/4" covered corners. Exposed surfaces polished to a uniform Elkay luster finish.
- Stream Projector: Control push button operated, with an inline flow regulator from 20 psi to 105 psi water pressure.
- Front Panel Grill: Made of type 304, stainless steel, polished to a uniform Elkay finish. Removable louvered ventilating grill encloses refrigeration unit and plumbing.
- Exclusive Flexi-Guard® Safety bubbler utilizes an infused anti-microbial pliable polyester elastomer to prevent accidental mouth injuries. Flexes on impact.
- Wall Mounting Box: MB232AL mounting box furnished with each unit. Box allows flush mounting to finished wall, plumbing and electrical service holes are pre-punched on both right and left side to facilitate installation.

REPLACEMENT FILTER:

- 51299C (single)

CAPACITIES CHART

CAPACITIES CHART							 TÜVRheinland® Tested by:	 C USA	
Model	Voltage / Hertz	Chilling** Capacity	F.L. Amps	Rated Watts	Approx. Ship Wt.	ADA COMPLIANT	SASO 1062 (SASO/IEC 60335-1) & SASO/IEC 60335-2-89 Compliant	NSF/ANSI 61 and 372 Certified	NSF/ANSI 42 and 53 Certified (Filter only)
LJNEM83KSA	220V / 60Hz	8.4 GPH	2.4	380	107	•	•	•	•
† LJNEM123KSA	220V / 60Hz	13.8 GPH	2.4	380	129	•	•	•	•

**Based on 80°F inlet water & 90°F ambient air temp for 50°F chilled drinking water.

† Pre-cooler capacities based on 60% spill through pre-cooler.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producer's offerings, be certain these features are not overlooked.

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ELKAY® ROUGH-IN DIMENSIONS

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Open space rough-in design permits new installation or replacement of existing fountains and coolers with this Elkay cooler when rough-in is within the outline shown.

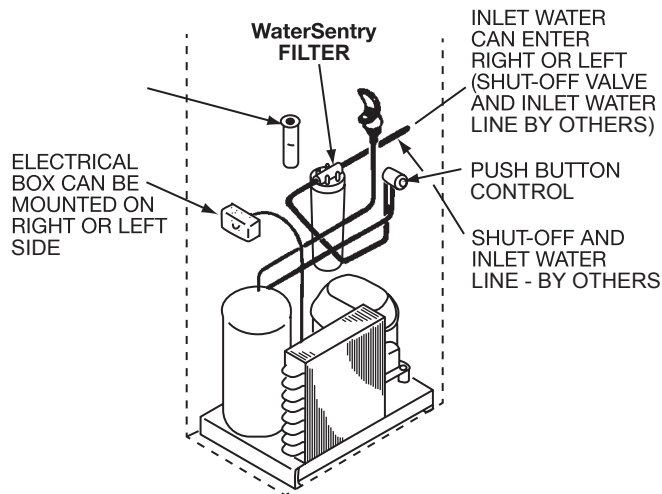
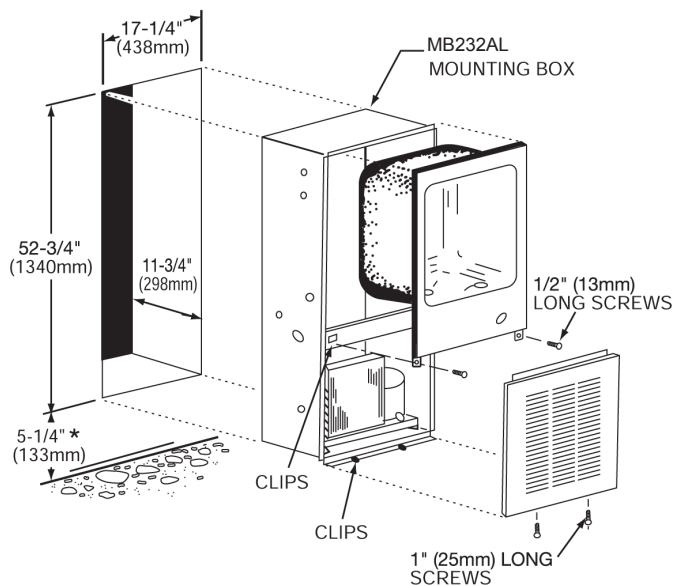
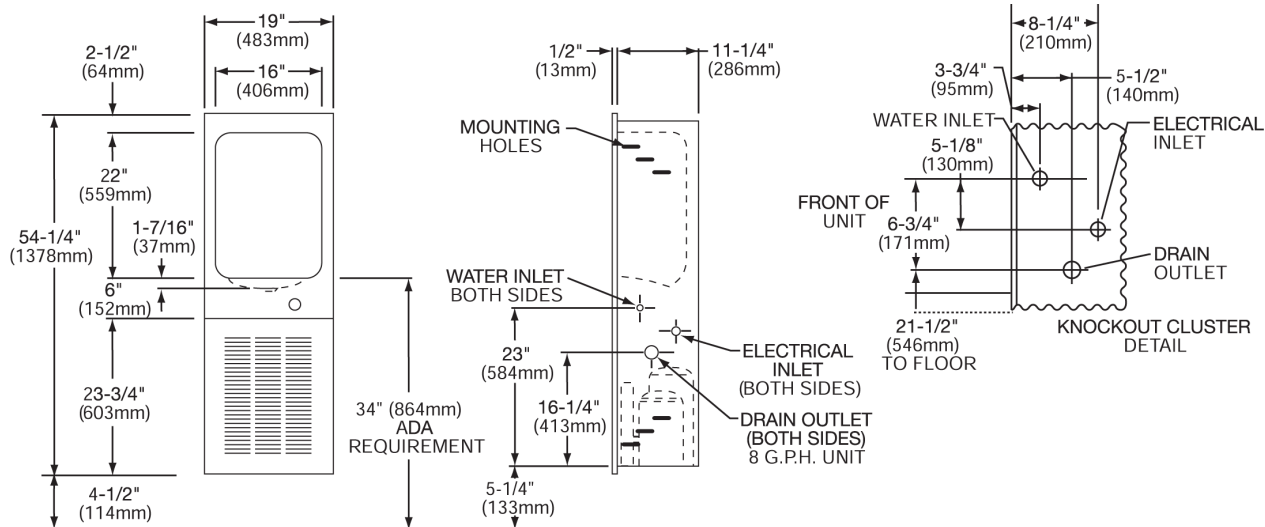
IMPORTANT! INSTALLER PLEASE NOTE:

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 or 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.



FILTER LOCATION SHOWN IS FOR POSITION IN WATER LINE CIRCUIT ONLY. ACTUAL POSITION WILL BE WHERE MOUNTING BRACKET IS FASTENED IN MOUNTING BOX.

Job Name: _____
 Model: _____ Qty. _____
 Contact: _____
 Approval Signature: _____
 Notes: _____