

# ELKAY®

## SPECIFICATIONS

### Heavy-Duty, 14 Gauge Wall-Mount Water Cooler Filtered, Vandal-Resistant, Barrier Free Access Models LVRCHD8S\*, LVRCHDDS and LVRCHDTL(8-DD)S\*C

RATED FOR INDOOR USE

#### PRODUCT SPECIFICATION

Self-contained, heavy-duty, vandal-resistant water cooler. Shall include 14 GA stainless steel welded construction for extreme tamper-resistance and curved profile for safety. Front pushbutton activation must be vandal-resistant and not easily removed without special tools. Shall include vandal-resistant StreamSaver™ bubbler and integral drain in basin. Shall include louvered screens with holes sized to prevent easy tampering. Shall include etched name on front; removable adhesive labels not allowed. Models LVRCHD(TL)8 shall deliver 8 GPH of 50°F drinking water at 90°F ambient and 80°F inlet water. Models LVRCHD(TL)DD are non-refrigerated and shall deliver non-chilled drinking water. Shall include the WaterSentry® VII 1500-gallon capacity filter, certified to NSF/ANSI 42 and 53. Unit shall meet ADA guidelines. 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 be certified to UL399 and CAN/CSA 22.2 No. 120.

#### STANDARD FEATURES

- Front vandal-resistant push button activation with less than 5 lbs of force
- One-piece, vandal-resistant, water-efficient bubbler which operates on 20-105 psi supply line pressure
- Shall include front access stream height adjustment
- Unit shall be constructed of 14 gauge stainless steel with integral basin
- Venting shall include protective screening
- WaterSentry® VII 1500-gallon capacity Filtration System, certified to NSF/ANSI 42 & 53 (Lead, Class 1 Particulate, Chlorine, Taste & Odor)
- Rated for indoor use

#### COOLING SYSTEM (Models LVRCHD(TL)8 only)

- Compressor: hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with stainless steel tank. Fully insulated with EPS foam which meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.



Model LVRCHD8S

Model LVRCHDTL8SC




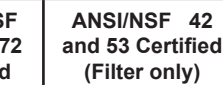
#### CONSTRUCTION

- Frame: Galvanized structural steel chassis supports cooler housing.
- Housing: Heavy-duty 14 gauge stainless steel cabinet with front access panel and integral basin.
- Screened vents: Perforated vent screens prevent objects from being inserted into cooler.
- Vandal-resistant StreamSaver™ Bubbler: One-piece, heavy-duty, solid construction. Reduces the flow of water by nearly 40%\* but maintains a steady, satisfying water stream. \*Over average market performance.
- Vandal-resistant Drain: Heavy-duty, one-piece construction.
- Vandal-resistant Pushbutton: Heavy-duty, self-closing, easy to operate. Allows front access stream height adjustment.
- Note — Flow regulator provides constant stream from 20 to 105 psi water pressure.

#### Replacement Filters:

- 51299C (single)

**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.

CAPACITIES CHART									
Model	Voltage / Hertz	Chilling** Capacity	F.L. Amps	Rated Watts	Approx. Ship Wt.	ADA Compliant	UL399 and CAN/CSA 22.2 No. 120 Certified	ANSI/NSF 61 and 372 Certified	ANSI/NSF 42 and 53 Certified (Filter only)
LVRCHD8S	115V / 60 Hz	8 GPH	4.0	370	79	•	•	•	•
LVRCHD8S2JO	220V / 50 Hz	6.7 GPH	2.0	370	79	•	++	•	•
LVRCHD8S3JO	220V / 60 Hz	8 GPH	2.0	370	79	•	++	•	•
LVRCHDTL8SC	115V / 60 Hz	8 GPH	4.0	370	113	•	•	•	•
LVRCHDTL8S2JOC	220V / 50 Hz	6.7 GPH	2.0	370	113	•	++	•	•
LVRCHDTL8S3JOC	220V / 60 Hz	8 GPH	2.0	370	113	•	++	•	•
LVRCHDDS	—	—	—	—	50	•	•	•	•
LVRCHDTLDDSC	—	—	—	—	88	•	•	•	•

\*\*Based on 80°F inlet water & 90°F ambient air temp for 50°F chilled drinking water.  
++Complies; not third party certified.

*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.*

In keeping with our policy of continuing product improvement, Elkay reserves the right to change specification without notice. Please visit [elkay.com](http://elkay.com) for the most current version.

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# Heavy-Duty, 14 Gauge Wall-Mount Water Cooler

## Filtered, Vandal-Resistant, Barrier Free Access

### Models LVRCHD8S\* and LVRCHDDS

# ELKAY®

## ROUGH-IN DIMENSIONS

**RATED FOR INDOOR USE**

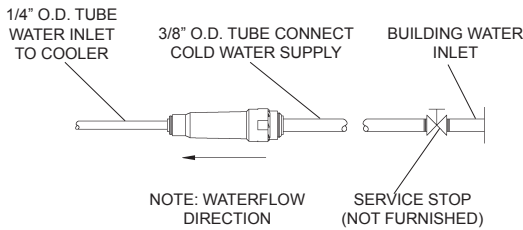
#### IMPORTANT! INSTALLER PLEASE NOTE:

These units are designed and built to provide water to the user which has not been altered by materials in the cooler waterway. 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 results in a metallic taste or an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown.

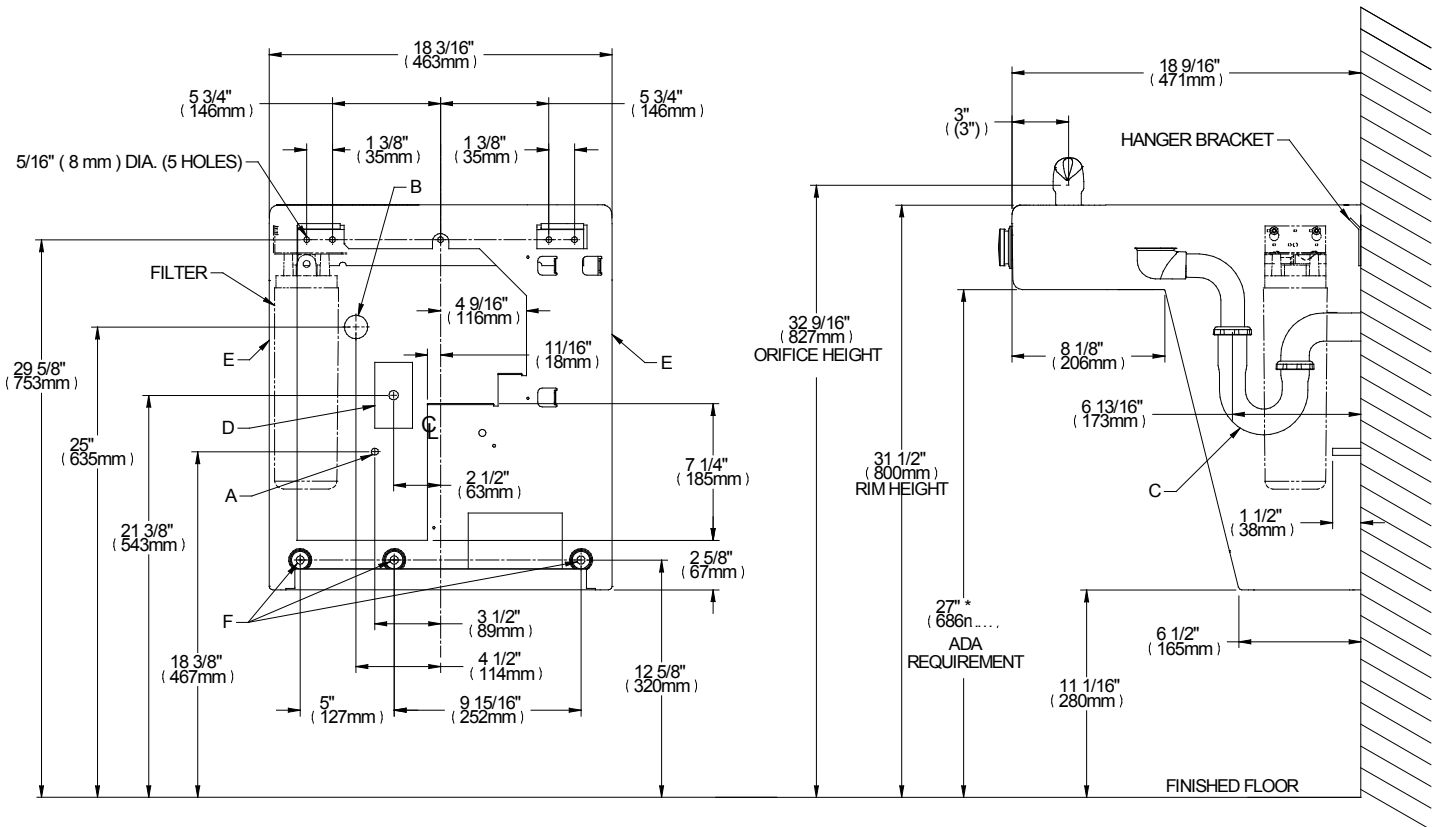
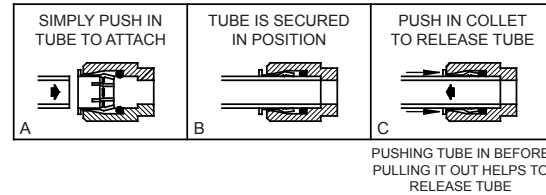
Open space rough-in design permits new installation or replacement of existing fountains and coolers with this Elkay cooler when rough-in is within the outline shown.

#### 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.



#### OPERATION OF QUICK CONNECT FITTINGS



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDRENS ADA COOLER

#### LEGEND:

- A = Recommended Water Supply location. Shut-off Valve (not furnished) to accept 3/8" O.D. unplated copper tube. Up to 3" (76mm) maximum out from wall.
  - B = Recommended Waste Outlet location. To accommodate 1-1/4" nominal drain. Drain stub 2" (51mm) out from wall.
  - C = 1-1/4" Trap (not furnished).
  - D = Electrical Supply (3) Wire Recessed Box Duplex Outlet.
  - E = Insure proper ventilation by maintaining 6" (152mm) minimum clearance from cabinet louvers to wall.
  - F = 7/16" (11mm) Bolt Holes for fastening to wall.
- NOTE: Installations Must Use Ground Fault Circuit Interrupter (GFCI).

Job Name: \_\_\_\_\_  
 Model: \_\_\_\_\_ Qty. \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Approval Signature: \_\_\_\_\_  
 Notes: \_\_\_\_\_

# Heavy-Duty, 14 Gauge Wall-Mount Water Cooler

## Filtered, Vandal-Resistant, Barrier Free Access

### Model LVRCHDTL(8-DD)S\*C

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## ROUGH-IN DIMENSIONS

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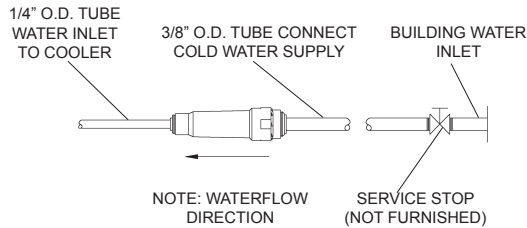
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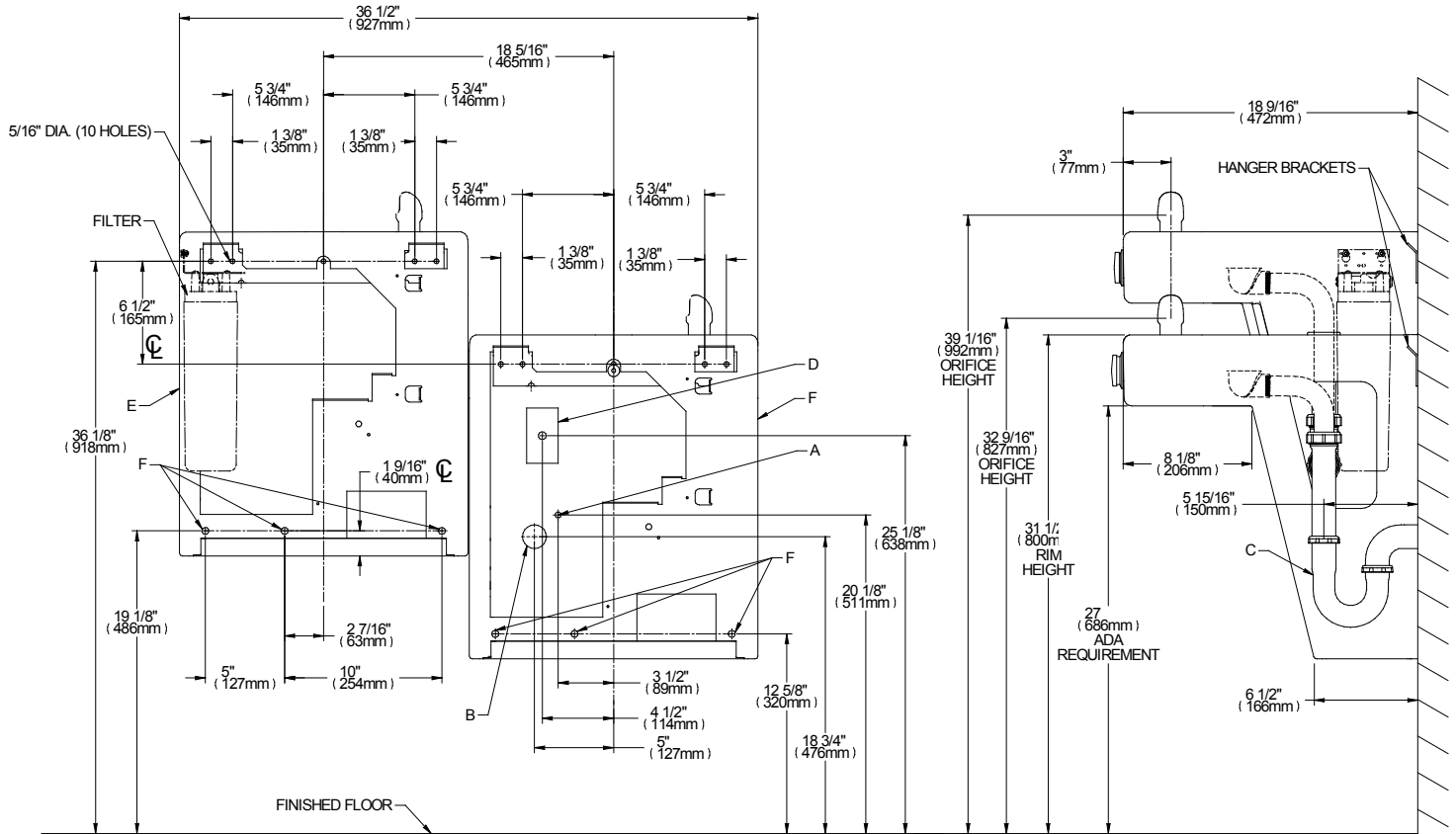
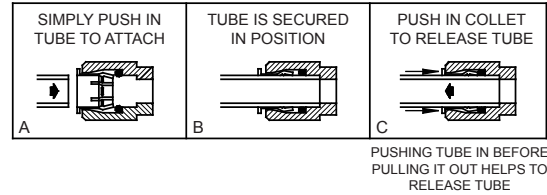
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