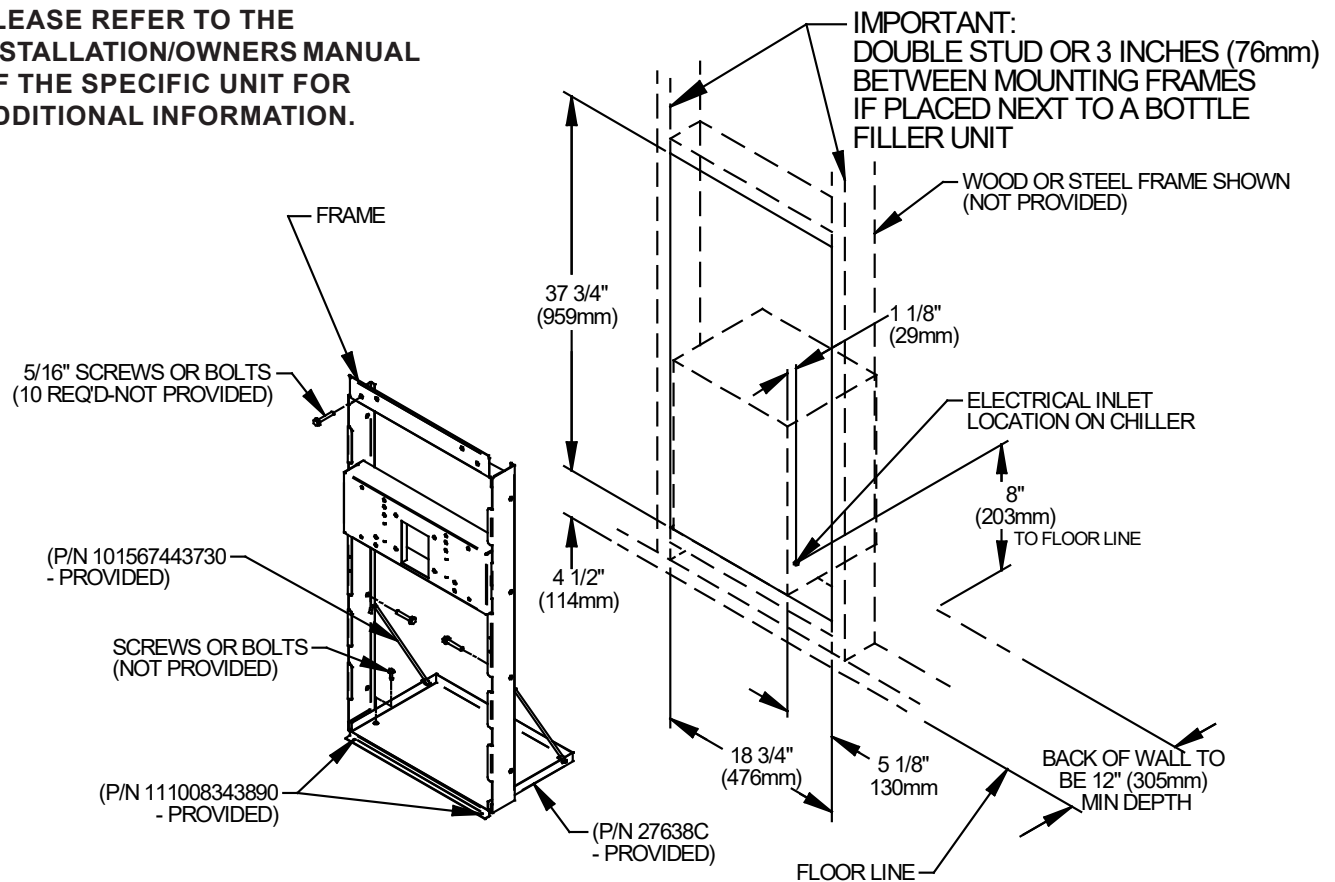


# SINGLE-STATION MOUNTING FRAME INSTRUCTIONS

ACTUAL FRAME MAY VARY FROM THE ONE ILLUSTRATED. PLEASE REFER TO THE INSTALLATION/OWNERS MANUAL OF THE SPECIFIC UNIT FOR ADDITIONAL INFORMATION.

MF100



1. **Cut a square rectangular wall opening** 18 3/4" (476mm) W x 37 3/4" (959mm) H and 4 1/2" (114mm) above the floor line. These dimensions are required to obtain proper rim and bubbler heights for compliance with ANSI standard A117.1.
2. **Reinforce the wall opening** on all sides so that it will adequately support the water fountain. This reinforcement must support up to 150 lbs static load and provide a means for securing the frame assembly in place.  
**NOTE:** Building construction must allow for adequate air flow on both sides and top of remote chiller unit. Minimum of 4" (102mm) is required.
3. **Install plumbing and electrical rough-ins.** A junction box for a (3) wire, 10 amp branch circuit is provided on the inside of the chiller. (Standard 120 Volts, 60 Hz and single phase)
4. **Remove frame and related hardware** from packaging. Release the two shelf rods by cutting cable ties. Install the frame squarely in wall opening with frame upright edges flush with the finished wall face. Place shelf inside frame and line up the (2) holes on each. Insert loose ends of rods into holes on sides of shelf panel. Using appropriately sized screws or bolts (not provided), fasten the shelf and frame to bottom of wall opening. Secure the frame sides and top to the wall using (10) 5/16" bolts or screws (not provided).  
**NOTE:** Be sure that frame is squared in location. Do not use less than the required screw quantity and size.

Patent [zurn-elkay.com/patents](http://zurn-elkay.com/patents)

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**⚠ ADVERTENCIA:** Cáncer y daño reproductivo - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**⚠ AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

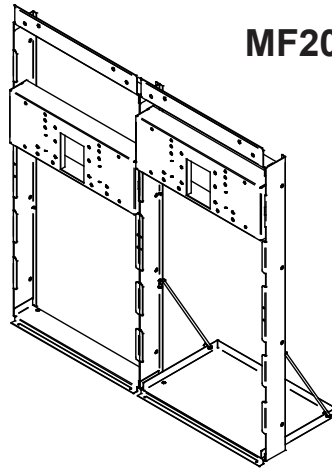
For Technical Service, please contact us at 1.800.476.4106

# DUAL-STATION MOUNTING FRAME INSTRUCTIONS

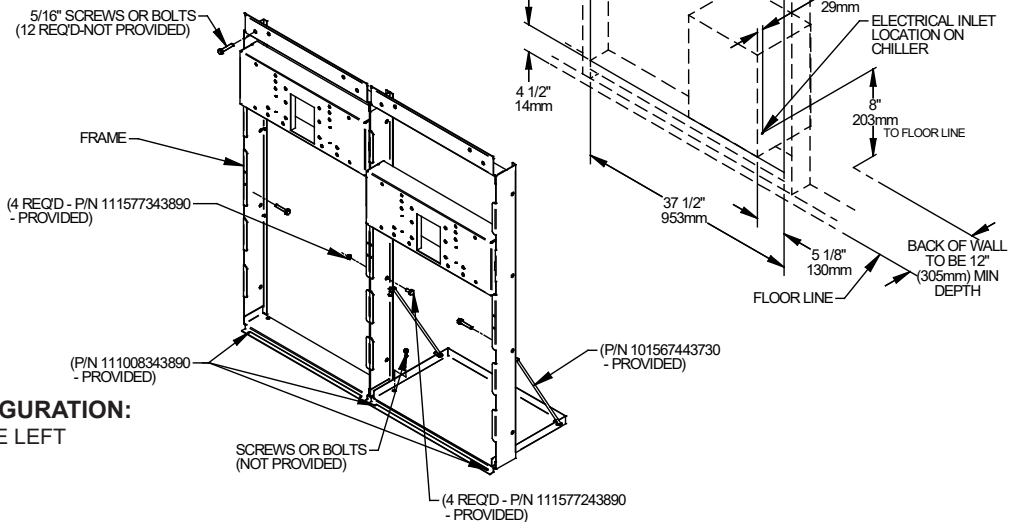
## MF200

ACTUAL FRAME MAY VARY FROM THE ONE ILLUSTRATED. PLEASE REFER TO THE INSTALLATION/OWNERS MANUAL OF THE SPECIFIC UNIT FOR ADDITIONAL INFORMATION.

**REVERSED CONFIGURATION:**  
HIGHER UNIT ON THE RIGHT



**IMPORTANT:**  
DOUBLE STUD OR 3 INCHES (76mm) BETWEEN MOUNTING FRAMES IF PLACED NEXT TO A BOTTLE FILLER UNIT



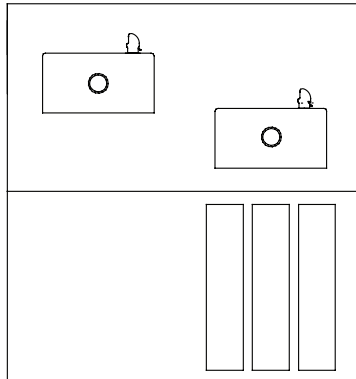
**STANDARD CONFIGURATION:**  
HIGHER UNIT ON THE LEFT

1. **Cut a square rectangular wall opening** 37 1/2" (953mm) W x 37 3/4" (959mm) H and 4 1/2" (114mm) above the floor line. These dimensions are required to obtain proper rim and bubbler heights for compliance with ANSI standard A117.1.
2. **Reinforce the wall opening** on all sides so that it will adequately support the water fountain. This reinforcement must support up to 150 lbs static load and provide a means for securing the frame assembly in place. **NOTE:** Building construction must allow for adequate air flow on both sides and top of remote chiller unit. Minimum of 4" (102mm) is required.
3. **Install plumbing and electrical rough-ins.** A junction box for a (3) wire, 10 amp branch circuit is provided on the inside of the chiller. (Standard 120 Volts, 60 Hz and single phase)
4. **Remove frame assembly and related hardware** from packaging. Attach the two frames together thru the upright supports with (4) 5/16" x 3/4" (19mm) long bolts and nuts (provided). Tighten securely.
5. **Install the frame assembly** squarely in wall opening with frame upright support edges flush with the finished wall face. Secure the frame to the wall thru holes with (12) 5/16" bolts or screws (not provided). Tighten securely. **NOTE:** Be sure that frame is squared in location. Do not use less than required screw quantity and size.
6. **Attach the chiller shelf support rods** to the right side frame uprights at the second set of holes counting from the bottom and to the shelf at the (2) side holes. Line up the other shelf holes with the frame bottom holes and fasten the assembly to the wall using appropriately sized screws or bolts and nuts (not provided).

For Technical Service, please contact us at 1.800.476.4106

# Installation/Care/Use Manual

## Soft Sides® Refrigerated Fountains



ERFPD28C, LNTE8C

### Installer

To assure you install this model easily and correctly, PLEASE READ THESE SIMPLE INSTRUCTIONS BEFORE STARTING THE INSTALLATION. CHECK YOUR INSTALLATION FOR COMPLIANCE WITH PLUMBING, ELECTRICAL AND OTHER APPLICABLE CODES. After installation, leave these instructions inside the fountain for future reference.

### IMPORTANT

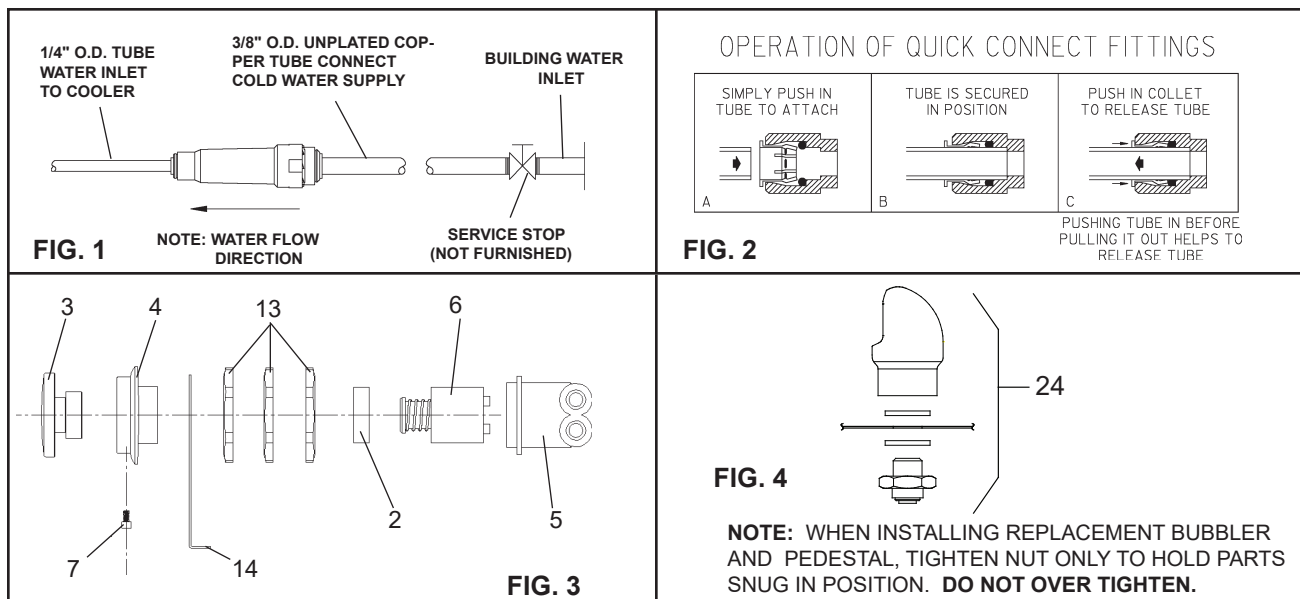
ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON

### IMPORTANT! INSTALLER PLEASE NOTE.

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 MAY OCCUR AWAY FROM THE BUILDING. THIS GROUNDING CAN CAUSE ELECTRICAL FEEDBACK INTO A FOUNTAIN, CREATING AN ELECTROLYSIS WHICH CAUSES A METALLIC TASTE OR AN INCREASE IN THE METAL CONTENT OF THE WATER. THIS CONDITION IS AVOIDABLE BY USING THE PROPER MATERIALS AS INDICATED. ANY DRAIN FITTINGS PROVIDED BY THE INSTALLER SHOULD BE MADE OF PLASTIC TO ELECTRICALLY ISOLATE THE FOUNTAIN FROM THE BUILDING PLUMBING SYSTEM.

Patent [zurn-elkay.com/patents](http://zurn-elkay.com/patents)

⚠ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



ERFP28K

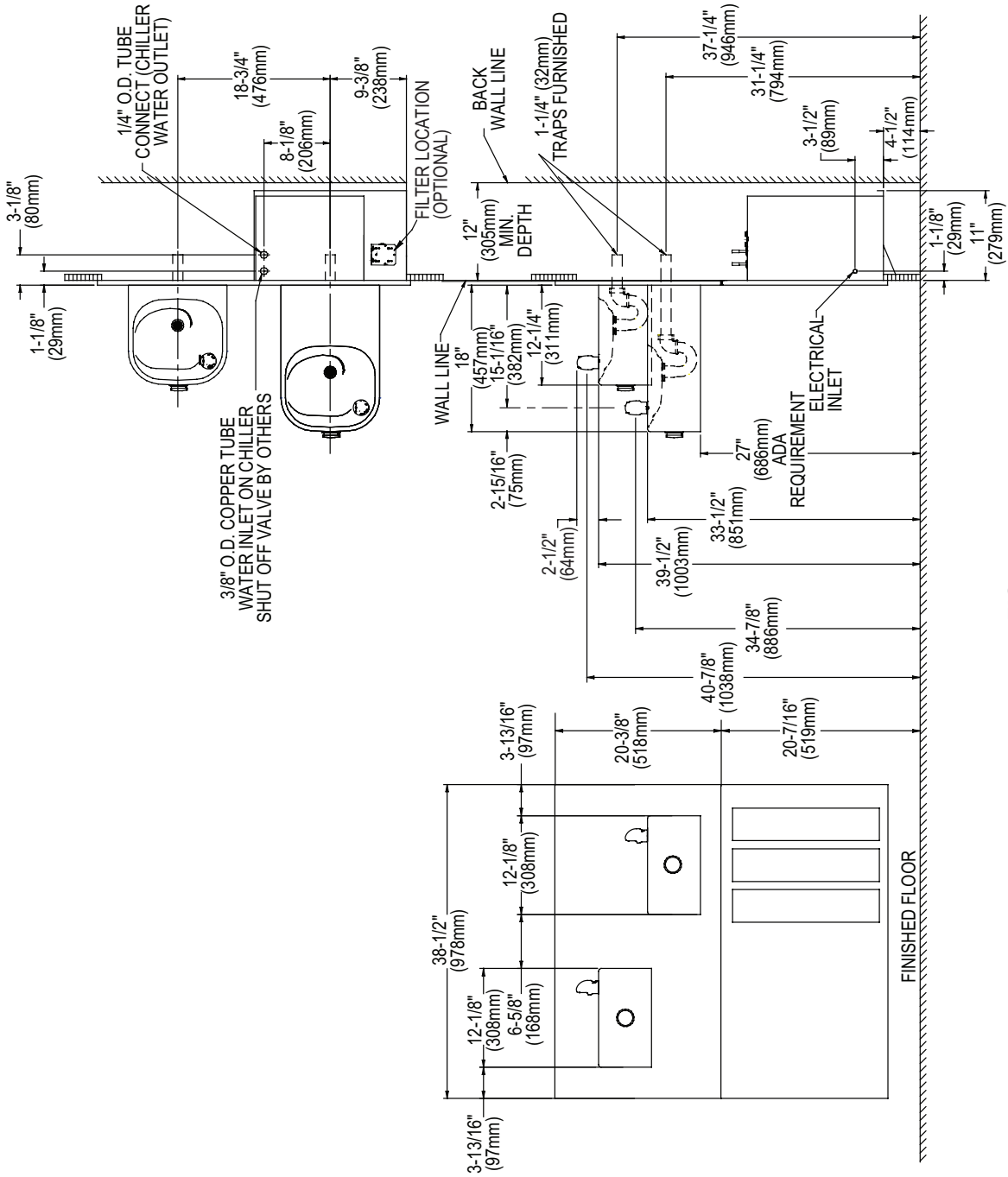


FIG. 5

ERFPM28K

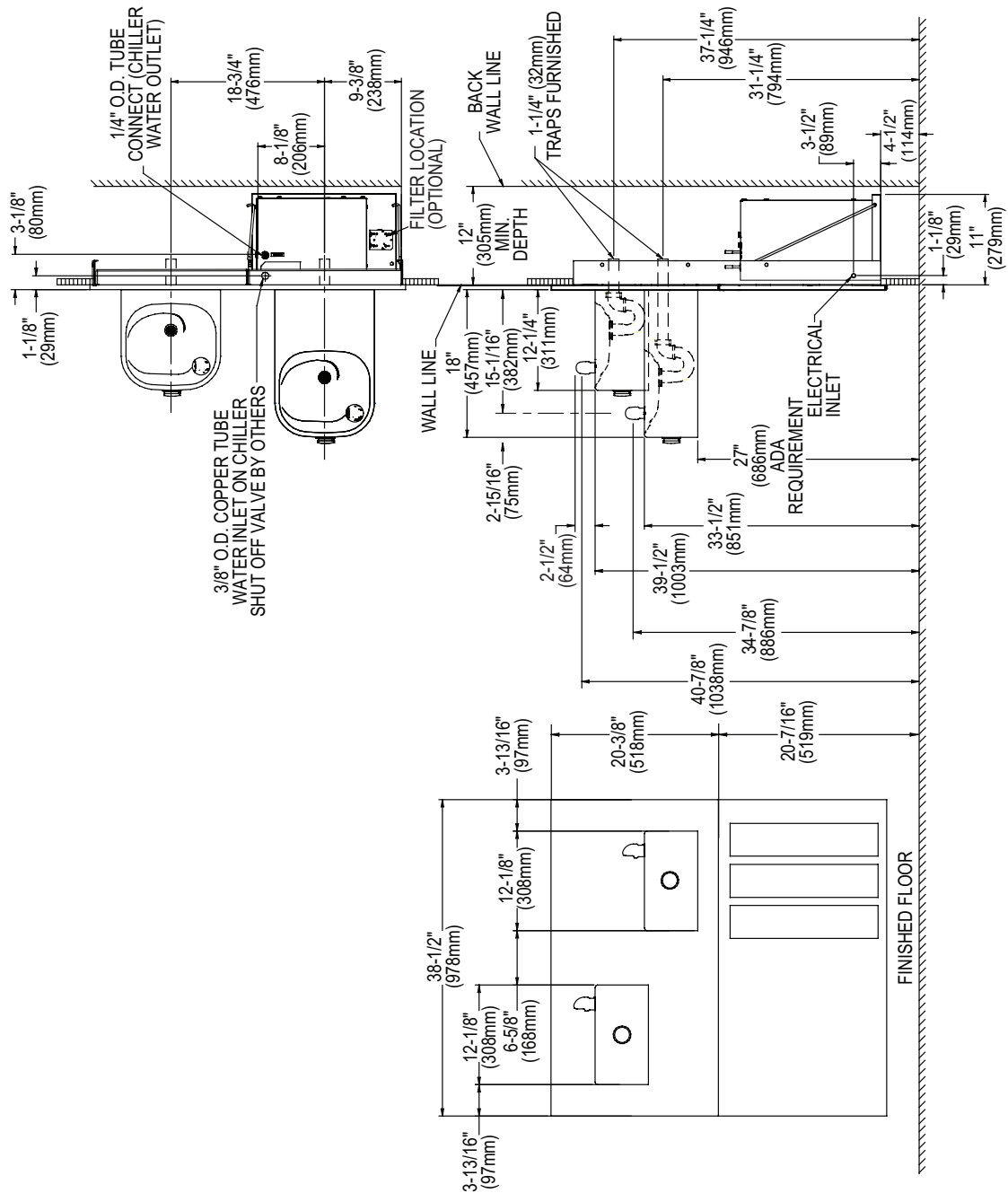


FIG. 6

LNTEM8K

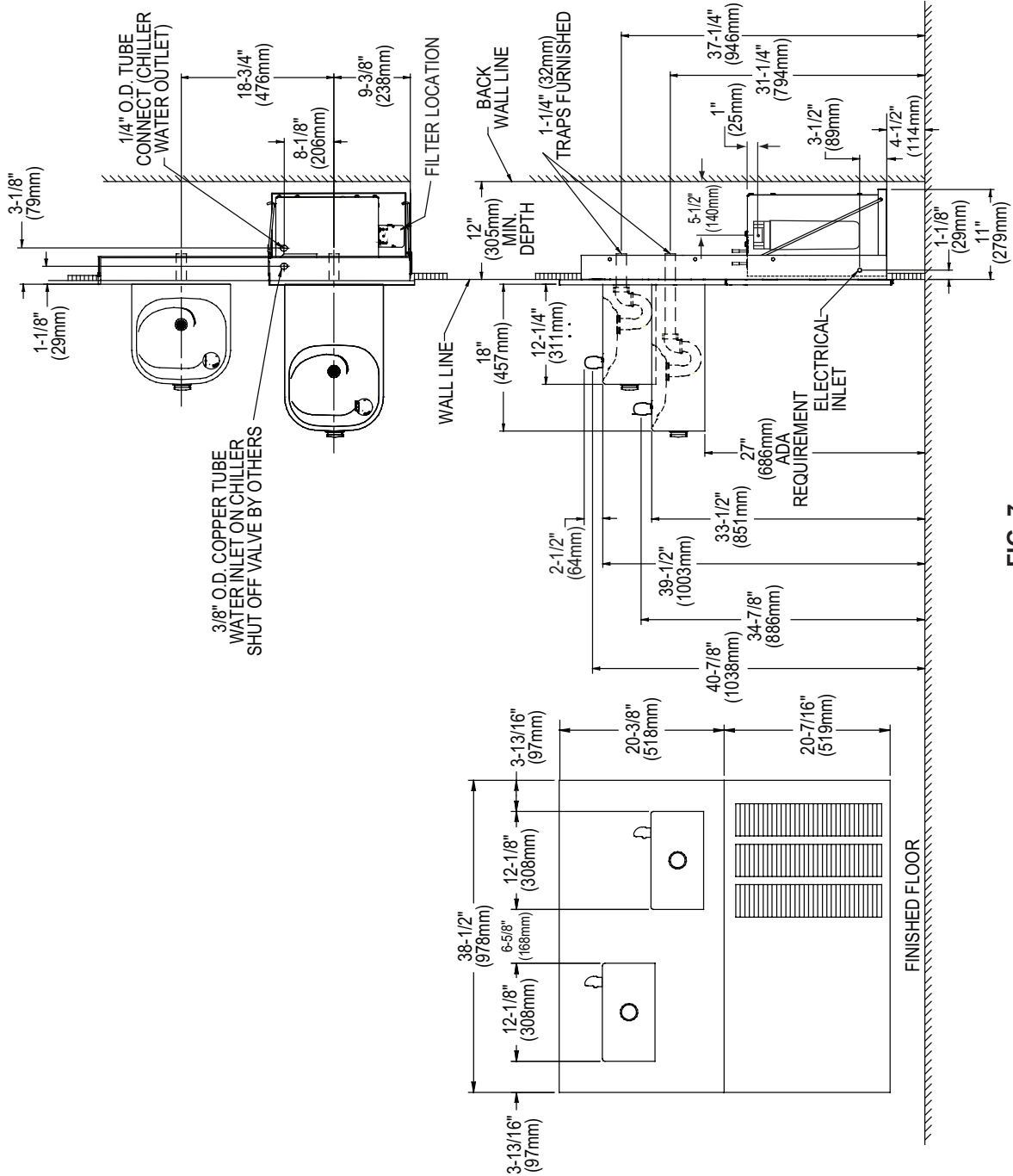


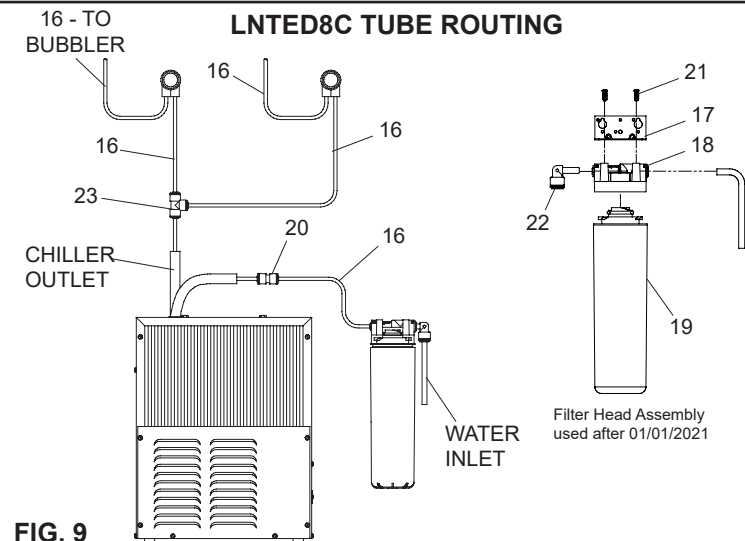
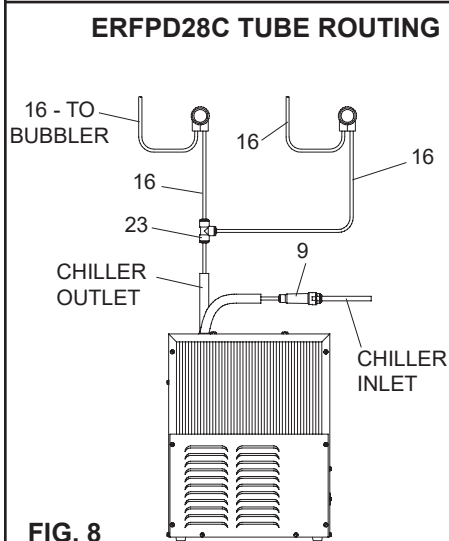
FIG. 7

## INSTALLATION INSTRUCTIONS

1. **Install** remote chiller. Remove front panel of chiller. Remove and discard cardboard inner pack from between compressor and side panel. Slide chiller onto the shelf and position it to the left within the guides on the shelf.  
**NOTE:** Building construction must allow for adequate air flow on both sides, top, and back of chiller. See chiller instructions for additional instructions.
2. **Make** water supply connections. Install a shut-off valve and union connection to building water supply (valve and union not provided). Turn on the water supply and flush the line thoroughly.
3. **ERFP MODELS:** Make connection between remote chiller and building supply line. Inlet port is marked on the chiller (1/4" O.D. copper tube). Bend the copper tube (provided) at an appropriate length from chiller to opening in frame. Install the in-line strainer (provided with chiller) by pushing it in until it reaches a positive stop, approximately 3/4" (19mm) on the marked chiller inlet port. Connect building supply line to strainer. **DO NOT SOLDER TUBES INSERTED INTO THE STRAINER AS DAMAGE TO THE O-RINGS MAY RESULT.** (See Figures 8 or 14).  
**LNTE MODEL:** Mount filter head assembly to side of chiller (See Figure 10). Make connection between filter and building supply line (3/8" O.D. tube not provided). Inlet port is marked on the chiller (1/4" O.D. copper tube). Install a 1/4" x 1/4" union (provided) on the inlet port. Insert the 1/4" poly tubing (provided) into fitting on filter and connect to the union on the chiller. **DO NOT SOLDER TUBES INSERTED INTO THE UNIONS AS DAMAGE TO THE O-RINGS MAY RESULT.** (See Figures 9 or 13).
4. **Hang** the upper panel on the mounting frame hanger. Align holes in the panel with the holes in the mounting frame. Be sure that panel is engaged with hanger at top of frame before releasing it.
5. **Install** the fountains. Remove access cover plates on underside of fountains and save the screws. Mount the fountains to the upper panel and the wall frame with (4) 5/16" x 3/4" (19mm) long bolts and nuts (provided). Tighten securely.  
**NOTE: The short fountain should be mounted to the upper left hand side of the panel.**
6. **Remove** elbow from end of p-trap and attach it to drain tube. Re-attach elbow to p-trap and cut waste tube to required length using plumbing hardware and trap as a guide.
7. **ERFP MODELS:** Make connections between remote chiller outlet tube and fountains. Outlet port is marked on the chiller (1/4" O.D. copper tube). Install a 1/4" tee (provided) on the marked chiller outlet port. Insert the 1/4" poly tubing coming from the fountains into the tee. Turn on water supply and check for leaks. **DO NOT SOLDER TUBES INSERTED INTO THE TEE AS DAMAGE TO THE O-RINGS MAY RESULT.** (See Figures 8 or 14).  
**LNTE MODEL:** Make connections between remote chiller and fountains. Outlet port is marked on the chiller (1/4" O.D. copper tube). Install a 1/4" tee (provided) on the marked chiller outlet port. Insert the 1/4" poly tubing coming from the fountains into the tee. Turn on water supply and check for leaks. **DO NOT SOLDER TUBES INSERTED INTO THE TEE AS DAMAGE TO THE O-RINGS MAY RESULT.** (See Figures 9 or 13).
8. **These** products are designed to operate on 20-105 PSIG supply line pressure. If inlet pressure is above 105 PSIG, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting these products to supply line pressures lower than 20 PSIG or higher than 105 PSIG is not covered by warranty.
9. **Make** electrical connections to the chiller. See chiller instructions.
10. **Check** stream height from bubbler. Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, adjust the screw on regulator item 6 by using a small screwdriver through the small hole in the push button item 3 (See Fig.3). Clockwise adjustment will raise stream height and counter-clockwise will lower stream height. For best adjustment stream should hit basin approximately 6 1/2" from the bubbler.
11. **Mount** lower panel. Loosen the (2) #10-24 x 5/8" (16mm) screws at frame bottom lip. Slide upper tongue of lower panel under lower edge of already installed upper panel. Tighten previously loosened screws securely.
12. **Replace** bottom access panel to fountain basin using screws provided. Tighten securely.

## TROUBLE SHOOTING AND MAINTENANCE

1. **Orifice Assy:** Mineral deposits on orifice can cause water flow to spurt or not regulate. Mineral deposits may be removed from orifice with a small round file not over 1/8" diameter or a small diameter wire. **CAUTION:** Do not file or cut orifice materials.
2. **Stream Regulator:** If orifice is free of material deposits, regulate flow according to instruction 10 stated above.
3. **Actuation of Quick Connect Water Fittings:** Cooler is provided with lead-free connectors which utilize an o-ring water seal. To remove tubing from the fitting, relieve water pressure, push in on the gray collar while pulling on the tubing (See Figure 2). To insert tubing, push tube straight into the fitting until it reaches a positive stop, approximately 3/4".



PARTS LIST		
TEM NO.	PART NO.	DESCRIPTION
1	LK464	Drain
2	15005C	Retaining Nut
3	45662C	Push Button
4	45663C	Push Button Sleeve
5	50986C	Regulator Holder
6	61313C	Regulator
7	75672C	Cap Screw
8	112627543890	Screw - #10-24 X .50 PHTC
9	55996C	Strainer
10	28782C	Fountain Arm - Short
	28783C	Fountain Arm - Long
	27959C	Fountain Arm - Long (Glassfiller)
11	55000661	Bottom Cover Plate - Short
	55000665	Bottom Cover Plate - Long
12	26839C	Back Panel - ERFP28C
13	40045C	Hex Nut
14	28823C	Regulator Mounting Bracket
15	27026C	Lower Panel
16	56092C	Poly Tubing (Cut To Length)
17	22490C	Filter Mounting Bracket
18	51294C	Filter Head Assy
19	51299C	Filter Assy
20	70683C	Union - 1/4
21	70792C	Screw - #8-18 x .75" PH
22	70818C	Elbow - 3/8" (10mm)
23	70862C	Tee - 1/4
24	97446C	Kit-Bubbler
25	56369C	Edge Trim - 2FT.
NS	111577243890	Screw - Mach 5/16-18 x 3/4
NS	111577343890	Nut - Hex 5/16-18

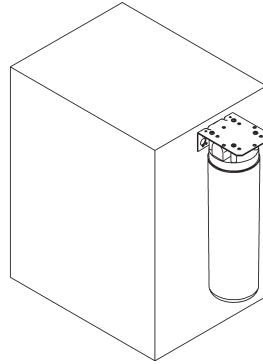


FIG. 10

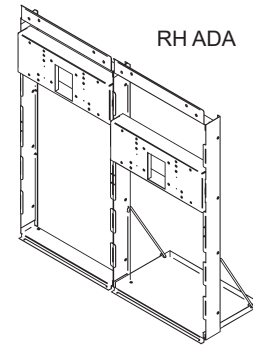


FIG. 11

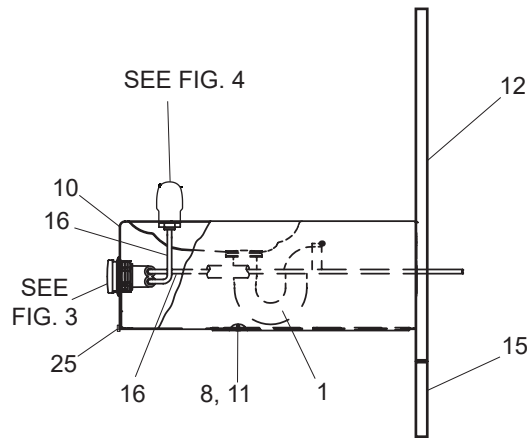


FIG. 12

**LNTE8C W/GLASSFILLER**

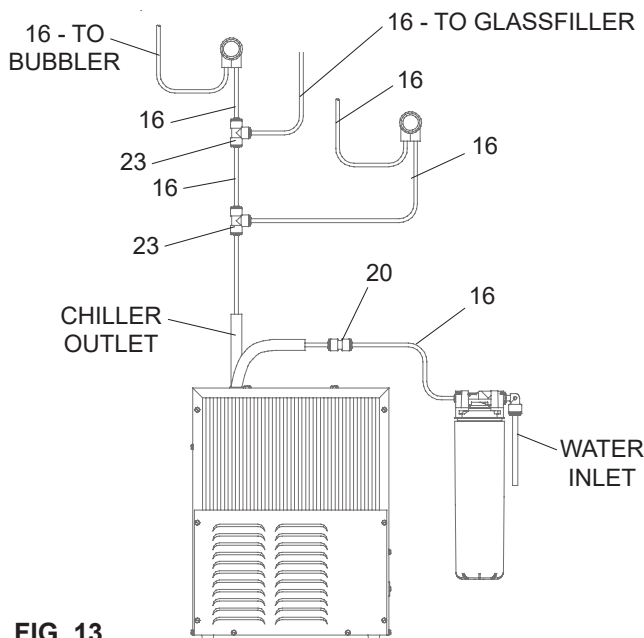


FIG. 13

**ERFPD28C W/GLASSFILLER**

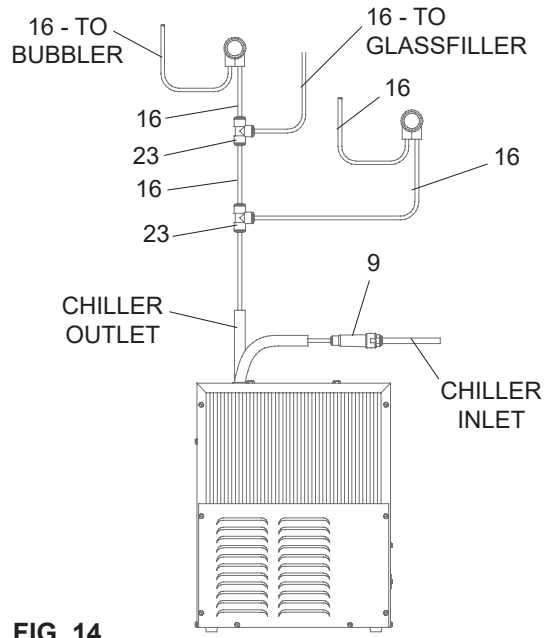


FIG. 14

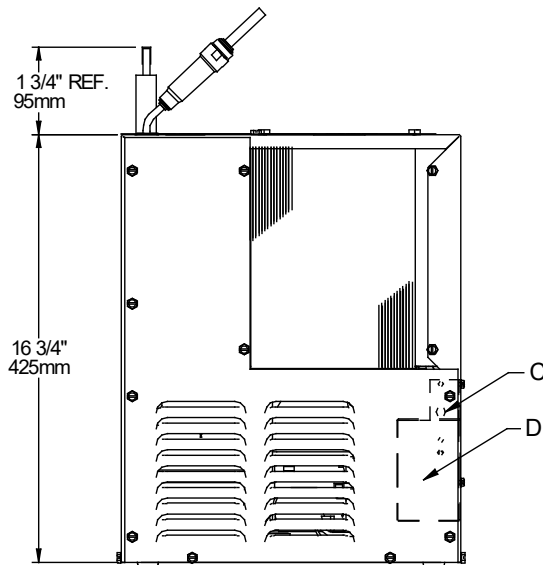
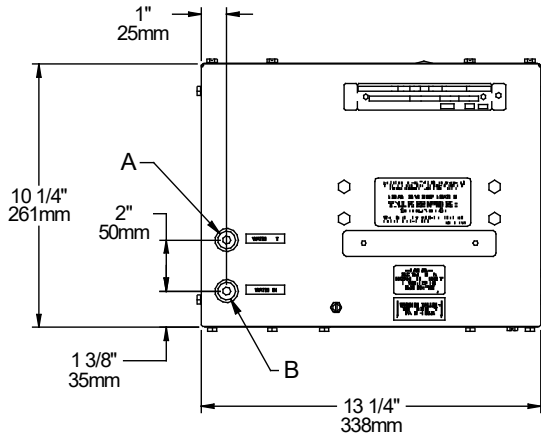
REPAIR SERVICE INFORMATION TOLL FREE NUMBER 1.800.260.6640  
 FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620  
 ELKAY MANUFACTURING COMPANY • 1333 BUTTERFIELD ROAD SUITE 200 DOWNERS GROVE, IL 60515 • 630.574.8484 • www.elkay.com

# ELKAY® Refrigeration Package

## INSTALLATION, CARE & USE MANUAL

**Note: Danger! Electric shock hazard. Disconnect power before servicing unit.**

USES HFC-134A REFRIGERANT



**LEGEND**  
**A = 1/4" O.D. TUBE WATER OUTLET**  
**B = 1/4" O.D. TUBE WATER INLET**  
**C = TEMPERATURE ADJUSTMENT**  
**D = ELECTRICAL**

### INSTALLATION

1. When mounting unit in an open area, to insure proper ventilation, maintain a 4" (102mm) clearance from cabinet louvers on each side of cooler. When mounting unit in a cavity or behind a wall maintain minimum space of 4" (102mm) on each side, 4" (102mm) on the top and a depth of 12" (305mm).
2. Water inlet is 1/4" (6 mm) O.D. tube. Contractor to supply the connections as required.
3. Connecting lines to be of unplated copper, thoroughly flushed to remove all foreign matter before being connected to cooler. If flushing does not remove all particles, a water strainer should be installed in supply line. This cooler is manufactured in such a manner that it does not in any way cause taste, odor, color or sediment problems.
4. Connect cooler to building supply line with a shut-off valve and install the in-line strainer between the valve and cooler.
5. Electrical: Make sure power supply is identical in voltage, cycle, and phase to that specified on cooler serial plate. Never wire compressor directly to the power supply.
6. This chiller has been designed for use with potable water **ONLY**.

### START-UP

1. Open supply line valve.
2. Purge air from all water lines by operating bubbler valve of fountain to which cooler is connected. Steady stream assures all air is removed.
3. Rotate fan to insure proper clearance and free fan action.
4. Connect to electrical power.

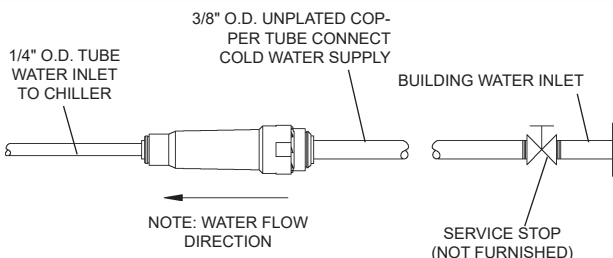
### TROUBLE SHOOTING & MAINTENANCE

**Temperature Control:** Factory set at 50°F (± 5°) under normal conditions. For colder water, adjust screw on item no. 9 in clockwise direction.

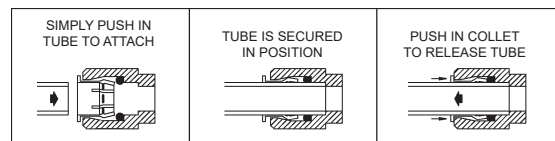
**Ventilation:** Cabinet louvers and condenser fins should be periodically cleaned with brush, air hose or vacuum cleaner. Excess dirt or poor ventilation can cause no cold water and compressor cycling on the compressor overload protector.

**Lubrication:** Motors are lifetime lubricated.

**Actuation of Quick Connect Water Fittings:** Cooler is provided with lead-free connectors which utilize an o-ring seal. To remove tubing from the fittings, relieve water pressure, push in on gray collar while pulling on the tubing. To insert tubing, push tube straight into fitting until it reaches a positive stop, approximately 3/4".



### OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

Patent [zurn-elkay.com/patents](http://zurn-elkay.com/patents)

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115V ITEMIZED PARTS LIST

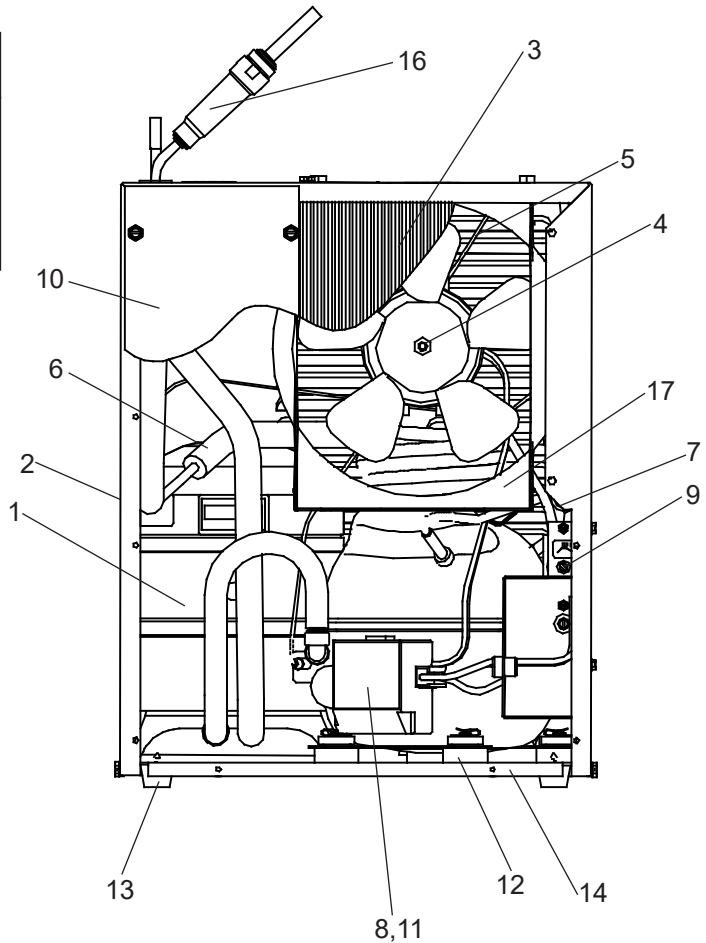
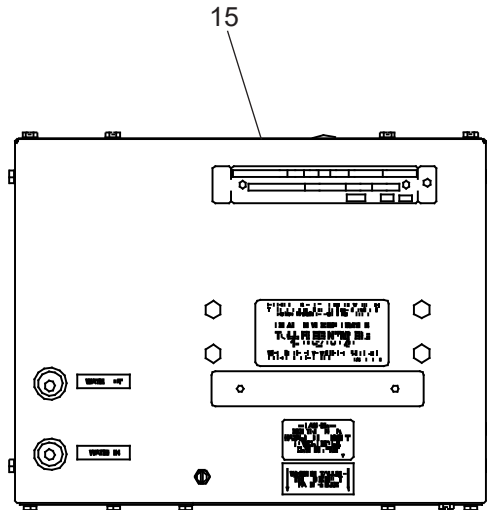
ITEM NO.	PART NO.	DESCRIPTION
1	98724C	KIT - EVAP REPLACE ASSY
2	28478C	CABINET
3	98776C	KIT - CONDENSER/DRIER
4	98775C	KIT - FAN MTR/BLADE/NUT/SHROUD
5	20282C	BRACKET - FAN MOUNTING
6	98778C	KIT - HEAT EXCHANGER/DRIER
7	66703C	DRIER
*8	36322C	COMPRESSOR SERVICE PAK
9	98773C	KIT - COLD CONTROL/SCREWS
10	28477C	PANEL - FRONT
11	0000000238	KIT - ELECT/RELAY/COVER/OL
12	98777C	KIT - COMPRESSOR MTG HDWE
13	50930C	BUMPER
14	27303C	BASEPLATE
15	22300C	PANEL - REAR
16	55996C	IN-LINE STRAINER

**\*INCLUDES RELAY & OVERLOAD. IF UNDER WARRANTY, REPLACE WITH SAME COMPRESSOR USED IN ORIGINAL ASSEMBLY.**

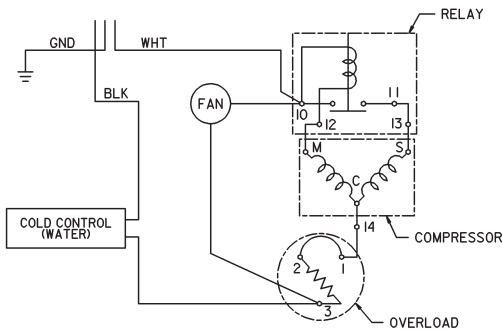
NOTE: All correspondence pertaining to any of the above water cooler or orders for repair parts MUST include model number and serial number of cooler, name and part number of replacement part.

220V - 50/60HZ ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
4	0000000244	KIT - FAN MTR/BLADE/NUT/SHROUD (50 HZ)
	0000000245	KIT - FAN MTR/BLADE/NUT/W/O SHRD (60 HZ)
*8	1000002147	COMP. SERVICE PAK (50 HZ)
	1000002146	COMP. SERVICE PAK (60 HZ)
11	98751C	KIT - ELECT/RELAY/COVER/OL (50 HZ)
	98752C	KIT - ELECT/RELAY/COVER/OL (60 HZ)
17	56237C	SHROUD



WIRING DIAGRAM



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