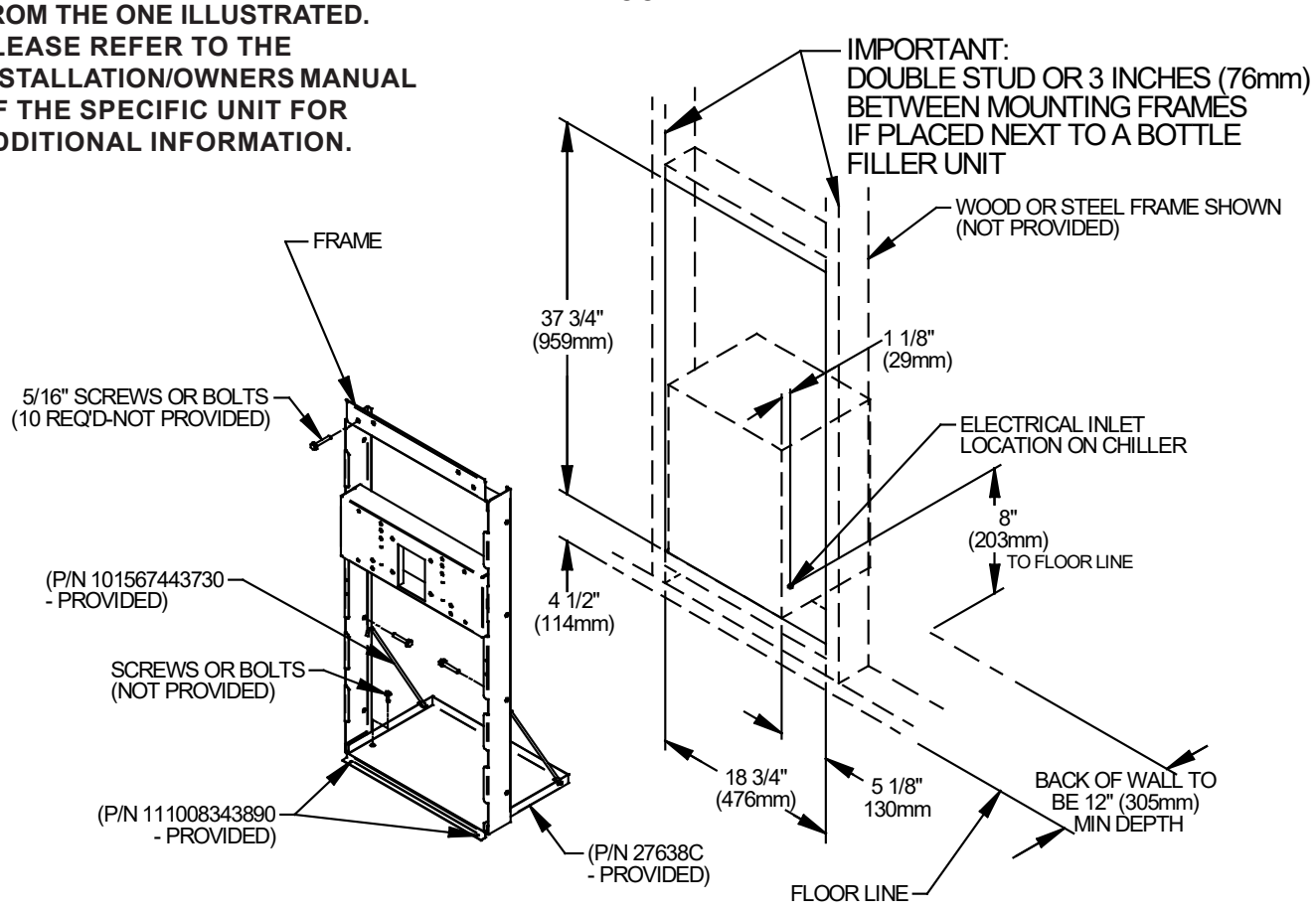
SINGLE-STATION MOUNTING FRAME INSTRUCTIONS

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

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⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

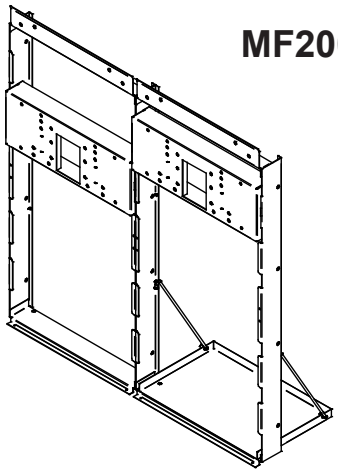
For Technical Service, please contact us at 1.800.476.4106

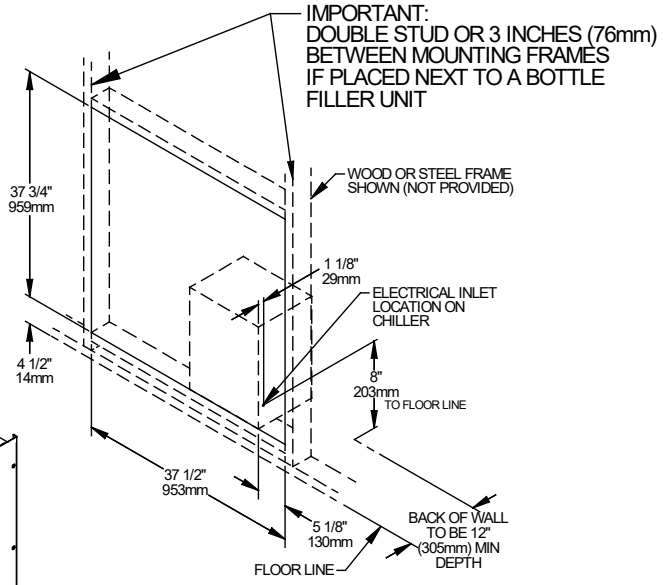
DUAL-STATION MOUNTING FRAME INSTRUCTIONS

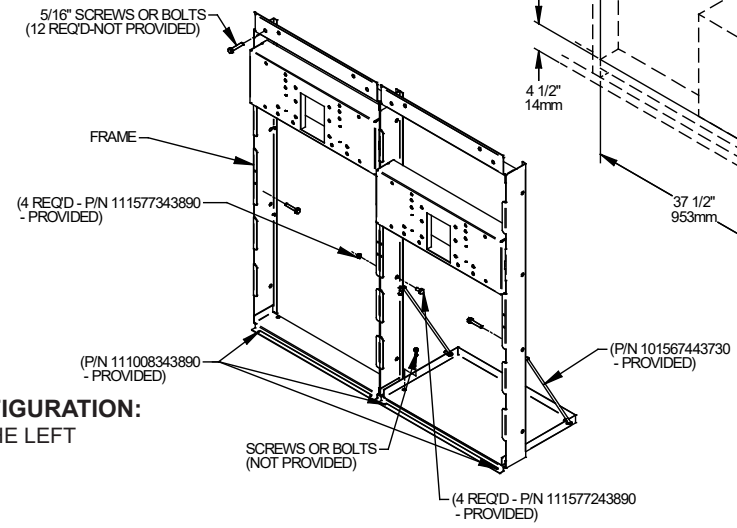
MF200

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







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 reinforce ment 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. I**nstall 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

ELKAY® With FLEXI-GUARD®

INSTALLATION, CARE & USE MANUAL

SWIRLFLO® Refrigerated fountains with FLEXI-GUARD®

INSTALLER

⚠ CAUTION: Review these instructions before beginning installation. Be sure that installation conforms to all plumbing, electrical and other applicable codes.

⚠ WARNING: When installation is complete, ensure these instructions are left in the plastic bag provided inside the installed unit for future reference.

⚠ WARNING: Service to be performed by authorized service personnel only.

NOTE: It is common practice to ground electrical hardware such as telephones, computers and other devices to available water lines. This can, however, cause electrical feedback in the plumbing circuit, which results in an “electrolysis” effect occurring in the fountain. This may result in water which has a metallic taste to it or has a noticeable increase in the metallic content of the water.

When inspecting plumbing circuit, remember the line may be grounded some distance from the installation, and may occur outside the building or area in which the unit is being installed.

This condition can be avoided (in most cases) by using recommended materials during installation. Any drain fittings provided by the installer should be made of ***plastic*** which will *electronically isolate* the fountain from the remainder of the building’s plumbing circuits.

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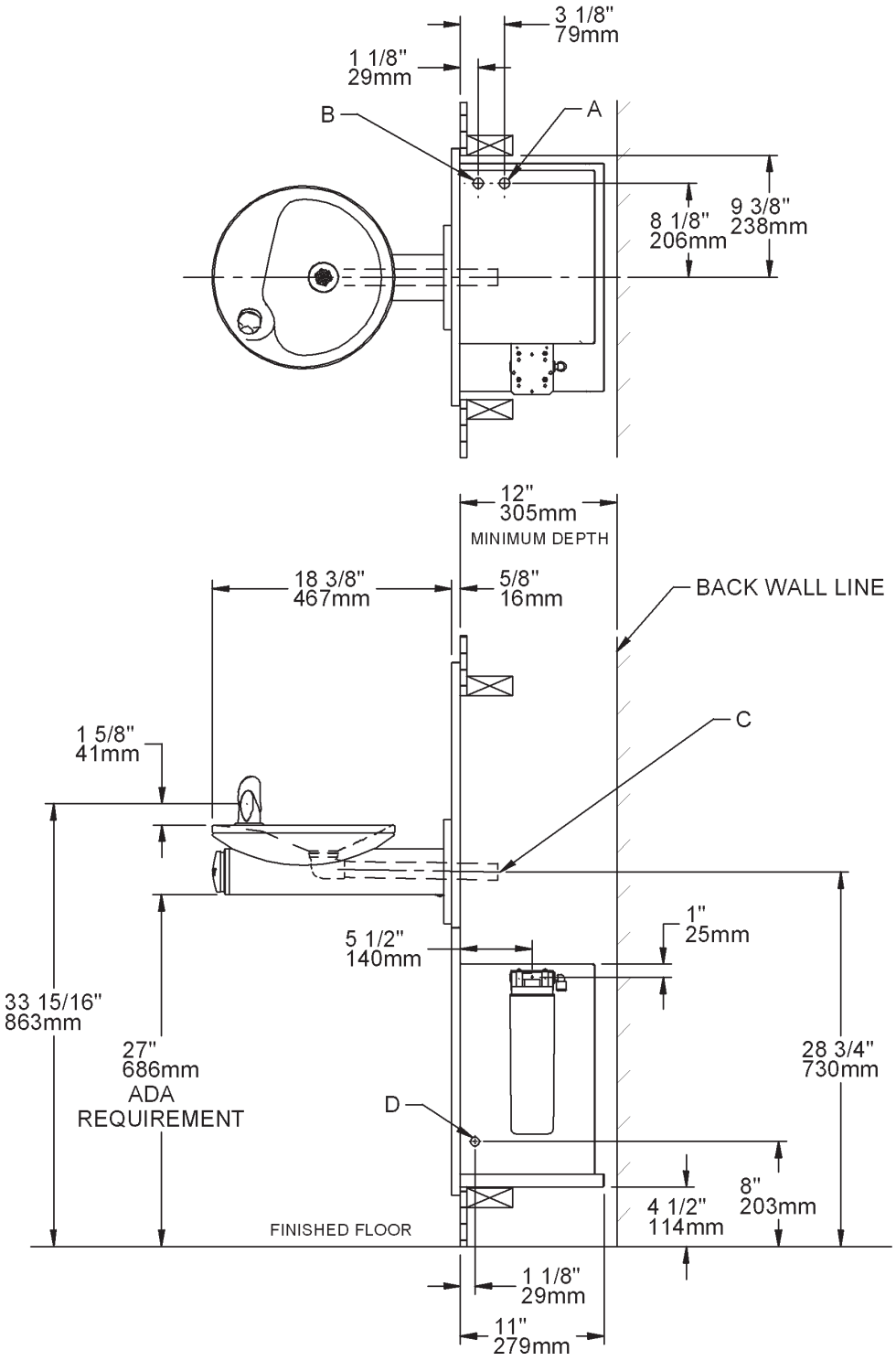
⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

Model LRPB8C



LEGEND
A = 1/4” O.D. Tube - Water Outlet Connection
B = 3/8” O.D. Tube - Water Inlet Connection
C = 1-1/4” Waste Tube
D = ELECTRICAL INLET

Figure 1 - Rough-in Dimensions

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

Uses HFC-134A refrigerant

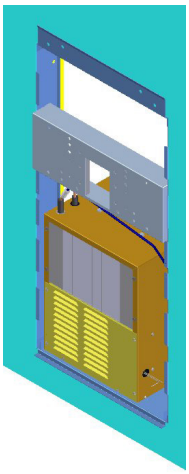


Figure 2 - Chiller Installation

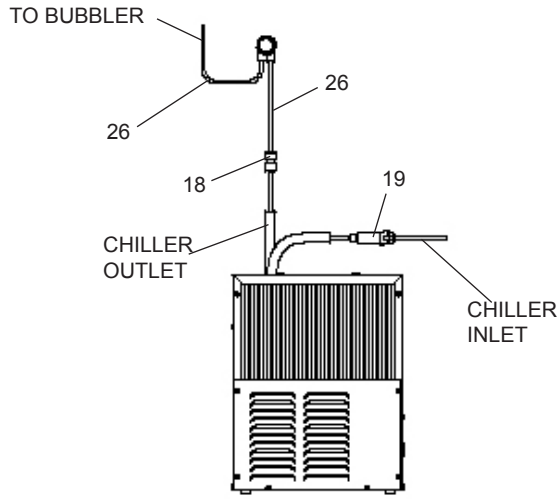


Figure 3 - ERPB Tube Routing

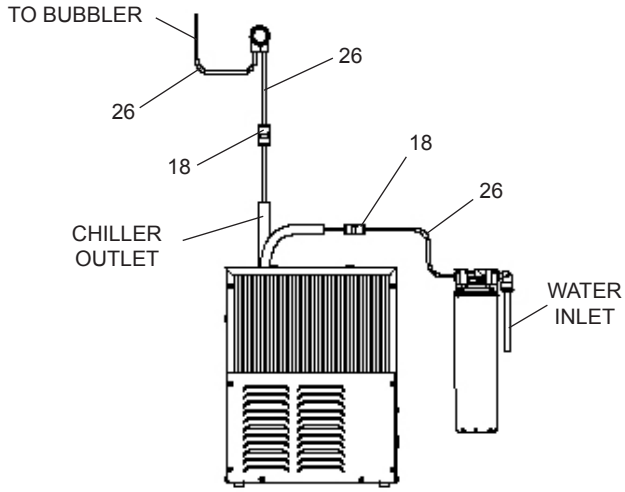


Figure 4 - LRPB Tube Routing

REQUIRED TOOLS AND MATERIALS

These tables show special tools and/or additional materials (not provided) which are necessary to complete installation of these units:

Special Tools

Item	Description	Quantity
	NONE	

Additional Materials

Item	Description	Quantity
1	Unplated copper inlet pipe	
2	Service Stop	

1. **Install 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 as per dimensions in Figure 1.

   Note: Building construction must allow for adequate air flow on both sides, top and back of chiller. A minimum of 4" (102mm) on both sides and top is required. See chiller installation 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 water supply and flush the line thoroughly.

3. **ERPB 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 until it reaches a positive stop, approximately 3/4" (19mm) on the marked chiller inlet port. Connect building supply line to strainer. (See Figure 3)

   Caution: DO NOT SOLDER tubes inserted into the strainer as damage to o-rings may result.

4. **LRPB Models:** Mount filter head assembly to side of chiller (See Figure 4). Make connections between filter and building supply line (3/8" O.D. tube not povided). Inlet port is marked on the chiller (1/4" O. D. copper tube). Install a 1/4" x 1/4" union (provided) on the marked chiller inlet port. Insert the 1/4" poly tubing (provided) into the fitting on filter and connect the union to the chiller. (See Figure 4)

   Caution: DO NOT SOLDER tubes inserted into the strainer as damage to o-rings may result.

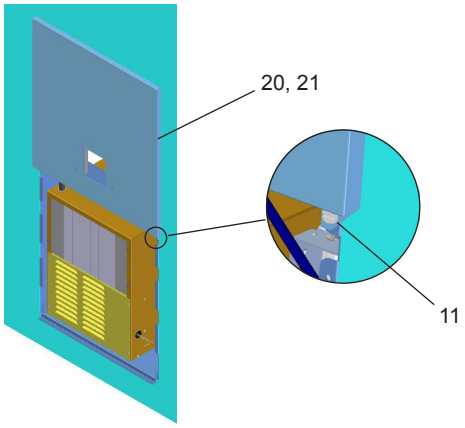
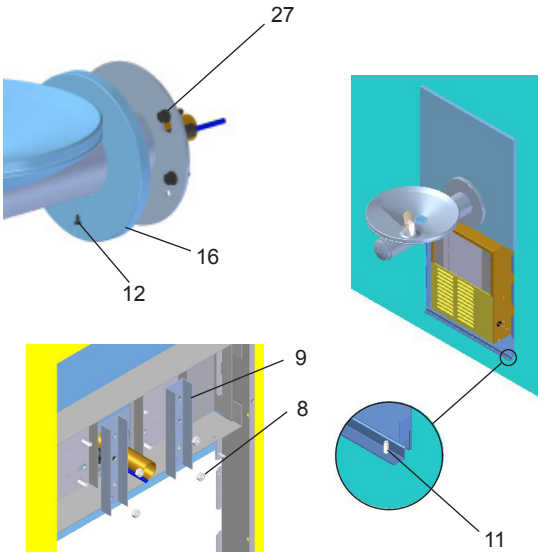


Figure 5 - Upper Panel Installation



View From Rear

Figure 6 - Fountain Installation

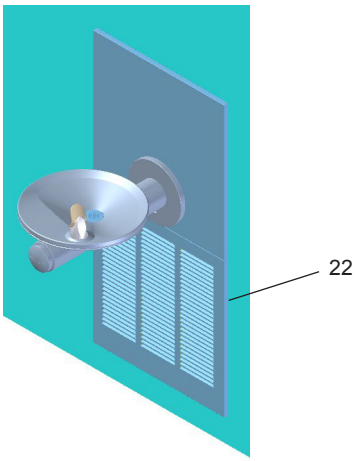


Figure 7 - Lower Panel Installation

5. **Hang** the upper panel on the mounting frame hanger. Be sure that the panel is engaged with hanger at the top of frame before releasing it. Align holes in the panel with holes in the mounting frame. Install two (2) #10-24 x 5/8" (16mm) screws (Item 11 - Figure 5) in holes and tighten securely.

6. **Install** the fountain. Remove the screw (Item 12) from cover plate (Item 16) and slide cover plate toward basin. Mount the fountain to the upper panel and frame with (4) 5/16" x 1" (25mm) long bolts (Item 27), bracket (Item 9) and nuts (Item 8) provided. Tighten securely. **Brackets (Item 9) must be installed as shown to properly support fountain.** (See Figure 6)

7. **Attach waste tube** (1-1/4" O.D.) to 1-1/4" O.D. slip trap (provided by others).

8. **ERPB Models:** Make connections between remote chiller outlet tube and fountain. Outlet port is marked on the chiller (1/4" O.D. copper tube). Install a 1/4" x 1/4" union (provided) on the marked chiller outlet port. Insert the 1/4" poly tubing coming from the fountain into the union. Turn on the water supply and check for leaks.

   CAUTION: DO NOT SOLDER tubes inserted into the strainer as damage to o-rings may result.

   LRPB Models: Make connections between remote chiller outlet tube and fountain. Outlet port is marked on the chiller (1/4" O.D. copper tube). Install a 1/4" x 1/4" union (provided) on the marked chiller outlet port. Insert the 1/4" poly tubing coming from the fountain into the union.

   CAUTION: DO NOT SOLDER tubes inserted into the strainer as damage to o-rings may result.

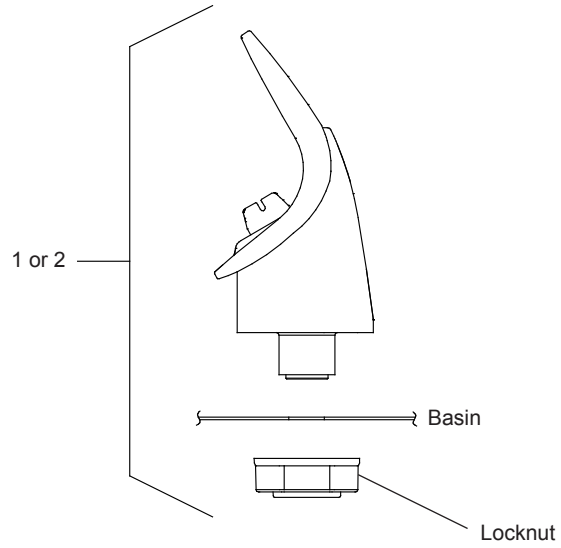
9. **These products are designed to operate on 20-105 PSI supply line pressure.** If inlet pressure is above 105 PSI, a pressure regulator must be installed in the supply line.

   CAUTION: Any damage caused by connecting these products to a supply line with pressure lower than 20 PSI or higher than 105 PSI IS NOT covered under warranty.

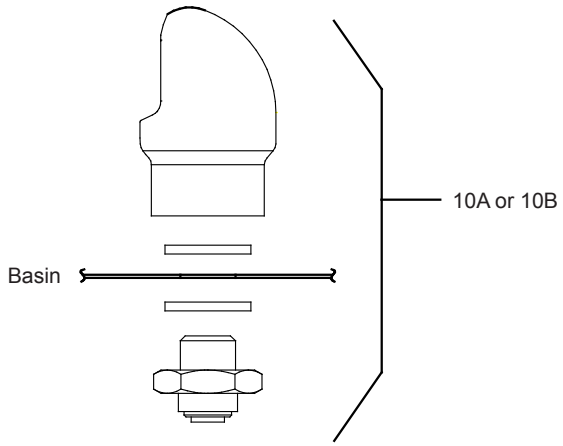
10. **Make electrical connections to the chiller.** See chiller instructions.

11. **Check stream height from bubbler.** Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, remove push button (Item 3 - Figure 11) and adjust the screw on the regulator (Item 4 - Figure 11). To remove push button, remove set screw from bottom of sleeve (Item 6). Insert a small punch in screw hole and push up while grasping the push buttom and pull forward removing the push button. Clockwise adjustment will raise stream height and counterclockwise movement will lower stream height. For best adjustment stream should hit basin approximately 6-1/2" from the bubbler. Reassemble push button by pushing in on button until the push button catches in the sleeve. Reinstall the setscrew (Item 6) in the sleeve (Item 17).

12. **Mount lower panel.** Loosen the two (2) #10-24 x 5/8" (16mm) screws (Item 11 - Figure 6) at frame bottom lip. Slide upper tongue of lower panel under lower edge of already installed upper panel. Tighten previously loosened screws securely. (See Figure 7)



FLEXI-GUARD® BUBBLER DETAIL or
FLEXI-GUARD® STREAMSAVER™ BUBBLER DETAIL



VANDAL RESISTANT BUBBLER DETAIL or
VANDAL RESISTANT STREAMSAVER BUBBLER DETAIL

NOTE:
When installing replacement bubbler and pedestal, tighten locknut only to hold parts snug in position. Do Not Overtighten.

Figure 8 - Bubbler Details

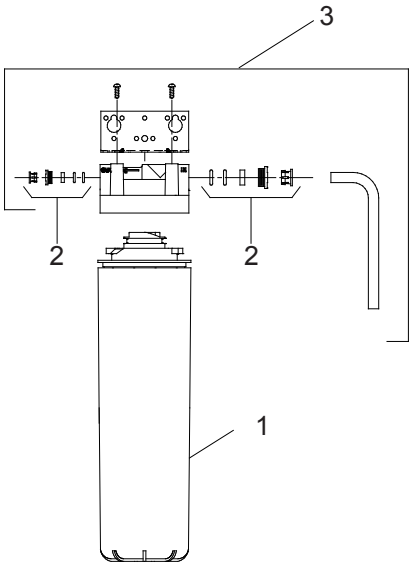


Figure 9 - Filter Assembly
(When provided)

WaterSentry® Filter Detail

WATERSENTRY® FILTER PARTS LIST (See Fig. 9)		
ITEM NO.	PART NO.	DESCRIPTION
1	51299C	Filter Assy - 1500 Gallon
2	98926C	Kit-Filter Head Fitting Includes John Guest Fittings
3	51469C	Assy-Filter Head & Mounting Bracket/John Guest Ftgs/Screws

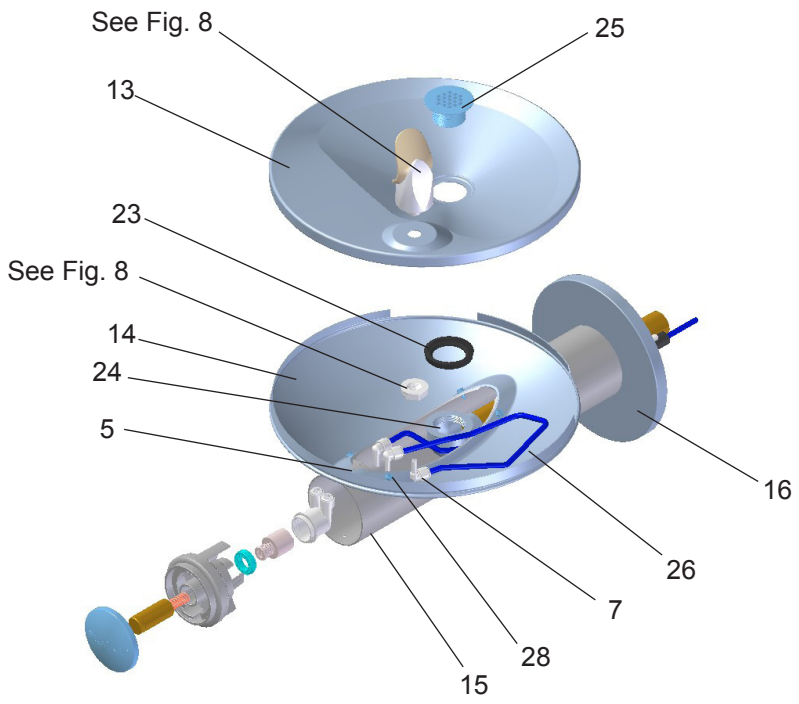


Figure 10 - Fountain Body Assembly

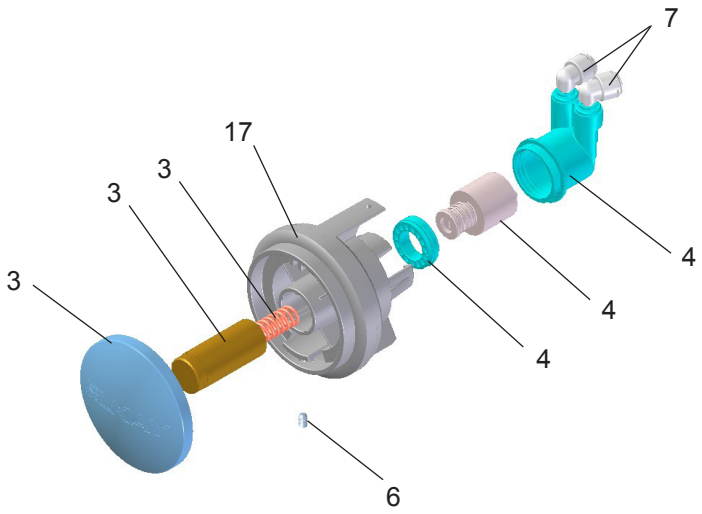


Figure 11 - Push Button Assembly

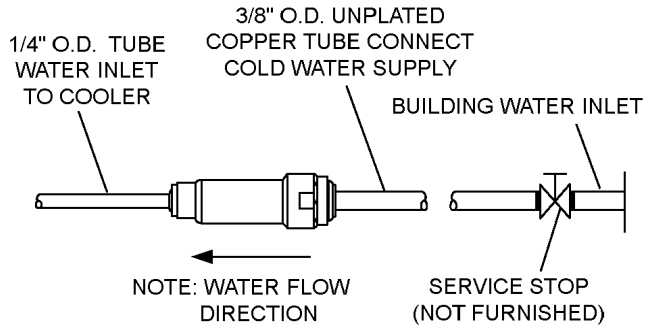


Figure 12 – Water Supply Connections

PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	56073C	Bubbler Assy
2	98501C	Bubbler Assy (Stream Saver)
3	98871C	Kit - Push Button/Spring/Washer
4	98530C	Kit - Regulator/Holder/Nut
5	38417001	Screw - #8-18 x .37 HHSM
6	75632C	Setscrew - #10-32 x .13
7	70817C	Fttng - Elbow 1/4 x 1/4
8	70020C	Nut - Hex 5/16-18
9	28395C	Bracket - Support
10A	97446C	Bubbler Assembly VR
10B	98481C	Bubbler Assy. VR StreamSaver
11	111008343890	Screw - #10-24 x .62 HHMS
12	70432C	Screw - #8-32 x .38 THSM
13	28708C	Basin - Swirlflow
14	28473C	Lower Shell
15	45767C	Fountain Body
16	28343C	Cover Plate
17	45781C	Sleeve
18	1000002162	Kit - Union 1/4” x 1/4” (3 Pack)
19	55996C	Strainer (Provided With Chiller)
20	28382C	Back Panel
21	1000003516	Back Panel (Green Spec)
22	26833C	Lower Panel
23	56163C	Gasket - Drain
24	0000000930	Assy - Drain/Tailpipe
25	45768C	Drain - Plug 1-1/2
26	56092C	Poly Tubing (Cut To Length)
27	75560C	Screw - 5/16-18 x 1.00 HHMS
28	70288C	Screw - #10X.37 HHSM

Installation Package

The components for installation are packed in three separate boxes, regardless of the type of unit being installed. The boxes contain the following:

Box No. 1: Wall Frame(s)
Box No. 2: Remote Chiller, ECH8
Box No. 3: Fountain Arm and Panels

Additional materials, as noted in the Parts List, are also shipped in these boxes.

TROUBLESHOOTING & MAINTENANCE

Orifice Assembly: Mineral deposits on orifice can cause water flow to spurt or not regulate. Mineral deposits may be removed from the orifice by poking with a small round file not over 1/8” diameter, or using a small diameter wire.

CAUTION: DO NOT file or cut orifice material.

Stream Regulator: If orifice is clean, regulate flow as in Step 11 of the installation instructions. If replacement is necessary, see parts list for correct regulator part number.

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 13) To insert tubing, push tube straight into fitting until it reaches a positive stop approximately 3/4”).

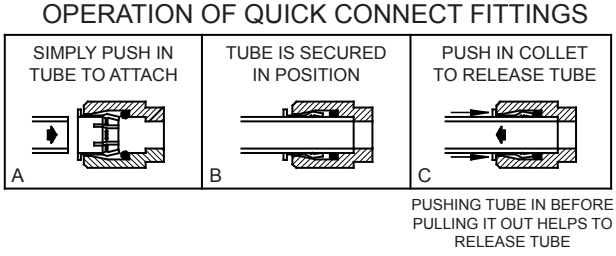


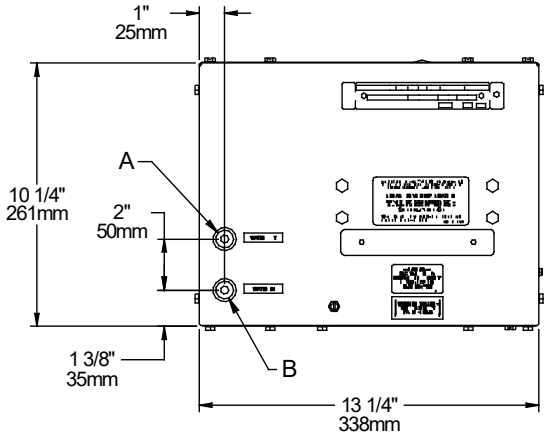
Figure 13 – Quick Connect Fittings

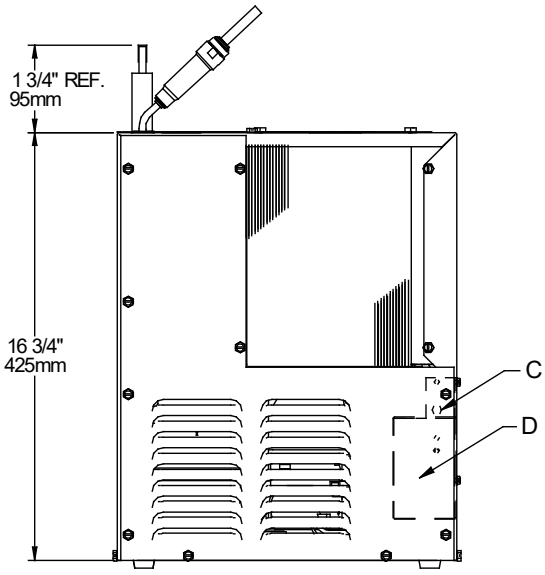
ELKAY® *Refrigeration Package*

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.

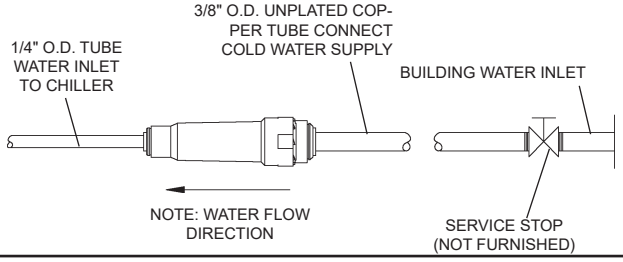
TROUBLE SHOOTING & MAINTENANCE

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

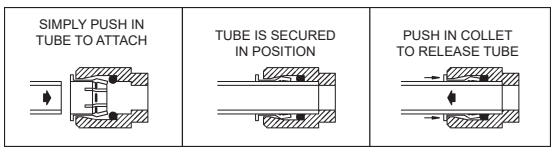
Ventilation: Cabinet louvers and condenser fins should be periodically cleaned with brush, air hose or vacuum cleaner. Excess dirt or poor ventilation can cause no cold water and compressor cycling on the compressor overload protector.

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

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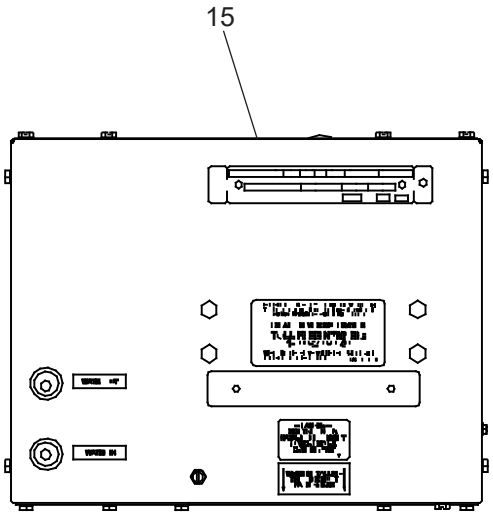
⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

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

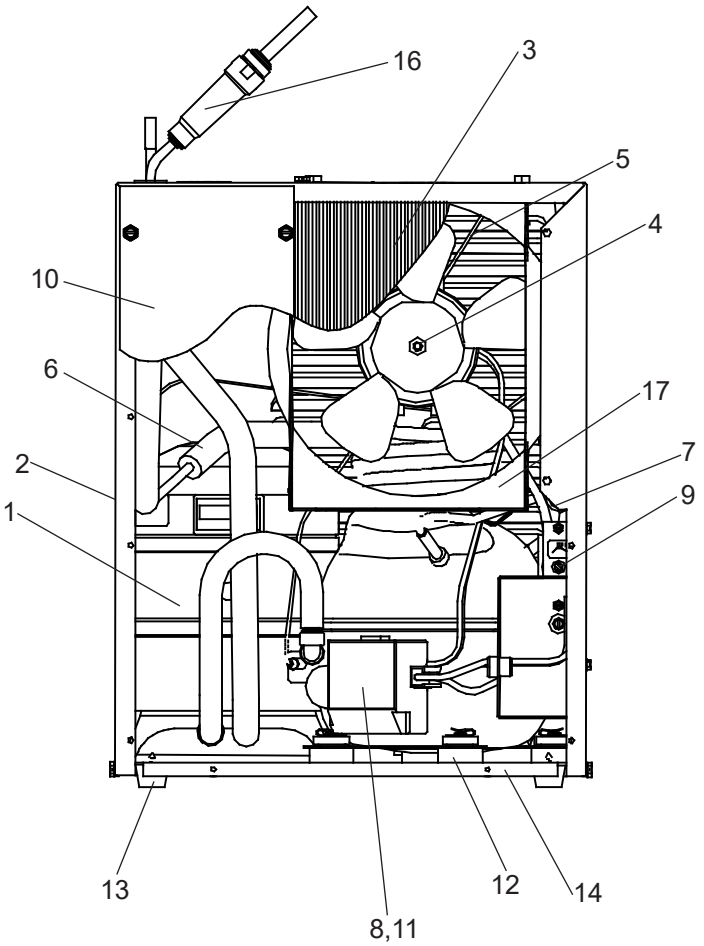
***INCLUDES RELAY & OVERLOAD. IF UNDER WARRANTY, REPLACE WITH SAME COMPRESSOR USED IN ORIGINAL ASSEMBLY.**

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