

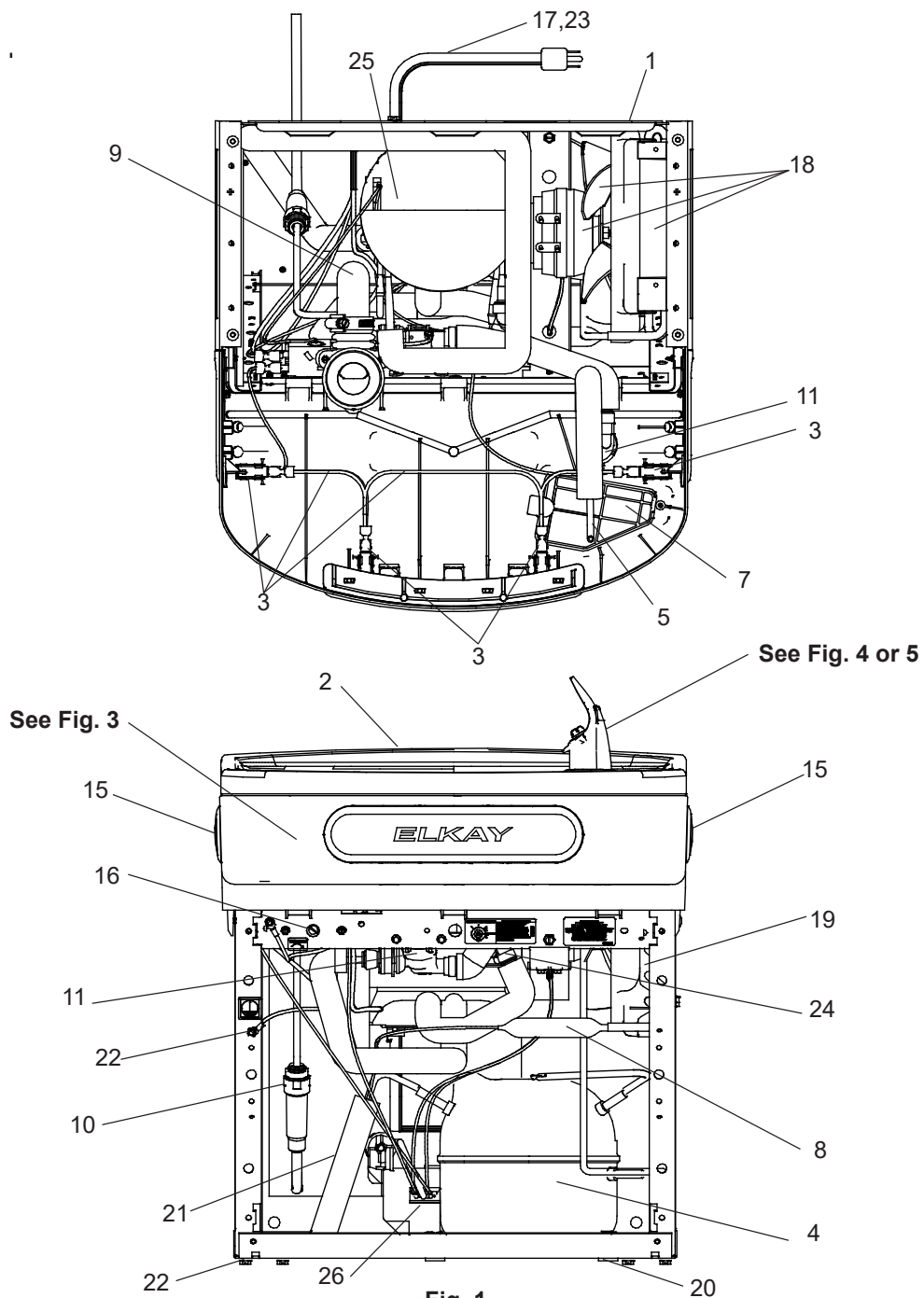
ELKAY® With FLEXI-GUARD®

INSTALLATION & USE MANUAL

EZ™ & LZ™ Series Barrier-Free Water Coolers

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

USES HFC-134A REFRIGERANT



Patent zurn-elkay.com/patents

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov

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

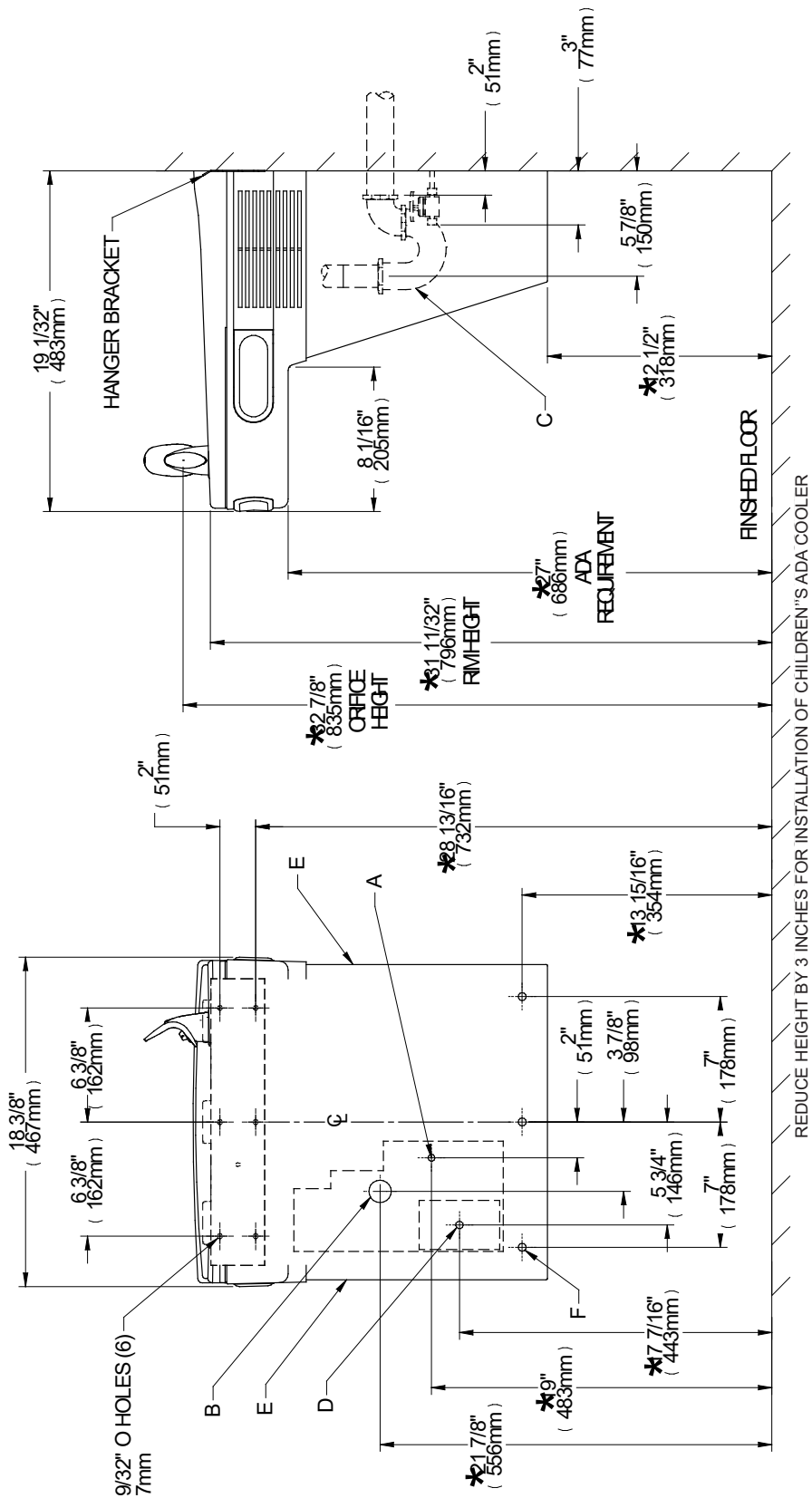


Fig. 2

LEGEND/LEYENDA/LEGENDE

A = RECOMMENDED WATER SUPPLY LOCATION 3/8" O.D. UNPLATED COPPER TUBE CONNECT STUB WITH SHUT OFF (BY OTHERS) 3" (76mm) MAXIMUM OUT FROM WALL
 La UBICACION 3/8" O RECOMENDADA DE ABASTECIMIENTO DE AGUA. D. EL TUBO del COBRE de UNPLATED CONECTA TALONARIO CON APAGO (POR OTROS) 3 en. (76 mm) el MAXIMO FUERA DE PARED
 L'O.D de 3/8" d'EMPLACEMENT DE PROVISION D'EAU RECOMMANDE. LE TUBE DE CUIVRE de UNPLATED CONNCTE STUB AVEC ETEINT (PAR LES AUTRES) 3 dans. (76 mm) le MAXIMUM HORS DU MUR

B = RECOMMENDED LOCATION FOR WASTE OUTLET 1-1/4" O.D. DRAIN STUB 2" OUT FROM WALL
 UBICACION RECOMENDADA PARA EL DRENAJE DE SALIDA DE AGUA. DE 1-1/4" DE DIAMETRO. EL TALONARIO 2 FUERA DE PARED
 EMLACEMENT RECOMMANDE POUR LE DRAIN DE D.E. 1-1/4" DE SORTIE D'EAU. STUB 2 HORS DU MUR

C = 1-1/4" TRAP NOT FURNISHED
 PURGADOR DE 1-1/4" NO PROPORCIONADO
 SIPHON 1-1/4" NON FOURNI

D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX
 CAJA RECESIVA DE ALAMBRES (3) DE SUMINISTRO ELÉCTRICO
 BOÎTE ENCASTRÉE D'ALIMENTATION ÉLECTRIQUE (3) FILS

E = INSURE PROPER VENTILATION BY MAINTAINING 6" (152 mm) (MIN.) CLEARANCE FROM CABINET LOUVERS TO WALL.
 ASEGURE UNA VENTILACION ADECUADA MANTENIENDO UN ESPACIO E 6" (152 mm) (MIN.) DE HOLGURA ENTRE LA REJILLA DE VENTILACIÓN DEL MUEBLE Y LA PARED
 ASSUREZ-VOUS UNE BONNE VENTILATION EN GARDANT 6" (152 mm) (MIN.) ENTRE LES ÉVÉNENTS DE L'ENCEINTE ET LE MUR.

F = 7/16" BOLT HOLES FOR FASTENING UNIT TO WALL
 AGUJEROS DE LAS TUERCAS DE 7/16" PARA SUJETAR LA UNIDAD A LA PARED
 TROUS DECROUS 7/16" POUR FIXER L'APPAREIL AU MUR

*****NEW INSTALLATIONS MUST USE GROUND FAULT INTERRUPTER (GFCI)**
 ***Las nuevas instalaciones deben utilizar el interruptor de circuito de tierra de la avería (GFCI)

*****Les nouvelles installations doivent employer l'interrupteur de circuit moulu de défaut (GFCI)**

Service Instructions

Lower and Upper Shroud

To access the refrigeration system and plumbing connections, remove four screws from bottom of cooler to remove the lower shroud. To remove the upper shroud for access to the pushbars, regulator, solenoid valve or other components located in the top of the unit, remove lower shroud, disconnect drain, remove four screws from tabs along lower edge of upper shroud, unplug two wires and water tube.

Bubbler

To remove the bubbler, first disconnect the power supply. The underside of the bubbler can be reached through the access panel (Item 7) on the underside of the upper shroud (Item 6). Remove the access panel by removing the retaining screw. To remove the bubbler, loosen locknut from the underside of the bubbler and remove the tubing from the quick connect fitting per the Operation Of Quick Connect Fittings section in the General Instructions. After servicing, replace the access panel and retaining screw.

Switches Behind the Push Bar

The regulator, in an EZ cooler is always held fully open by the use of a single regulator nut. Water is not dispensed until the pushbar is depressed to activate a switch which then opens a solenoid valve. When installing the regulator nut, the regulator spring must be depressed while turning the nut.

To remove sidebars, from the inside compress the flared tabs and pull out carefully. To reinstall side pushbars, the front of the pushbar is inserted first. While keeping the switch depressed, snap the rear of the pushbar into position.

HANGER BRACKETS & TRAP INSTALLATION

- 1) Remove hanger bracket fastened to back of cooler by removing one (1) screw.
- 2) Mount the hanger bracket as shown in Figure 2.

NOTE: Hanger Bracket **MUST** be supported securely. Add fixture support carrier if wall will not provide adequate support. Anchor hanger securely to wall using all six (6) 1/4 in. dia. mounting holes.

INSTALLATION OF COOLER

- 3) Hang the cooler on the hanger bracket. Be certain the hanger bracket is engaged properly in the slots on the cooler back as shown in Figure 2.
- 4) Remove the four (4) screws holding the lower front panel at the bottom of cooler. Remove the front panel by pulling straight down and set aside.
- 5) Connect water inlet line--See Note 4 of General Instructions.
- 6) Install trap. Remove the slip nut and gasket from the trap and install them on the cooler waste line making sure that the end of the waste line fits into the trap. Assemble the slip nut and gasket to the trap and tighten securely.

IMPORTANT: If it is necessary to cut the drain, loosen the screw at the black rubber boot and remove tube, check for leaks after re-assembly.

- 7) Plug in electrical power. Unit must have electrical power to have water flow.

START UP

Also See General Instructions

- 8) Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, adjust screw located on the right knee clearance area. CW adjustment will raise stream and CCW adjustment will lower stream. For best adjustment, stream should hit basin approximately 6-1/2" (165mm) from bubbler on the downward slope of the basin.

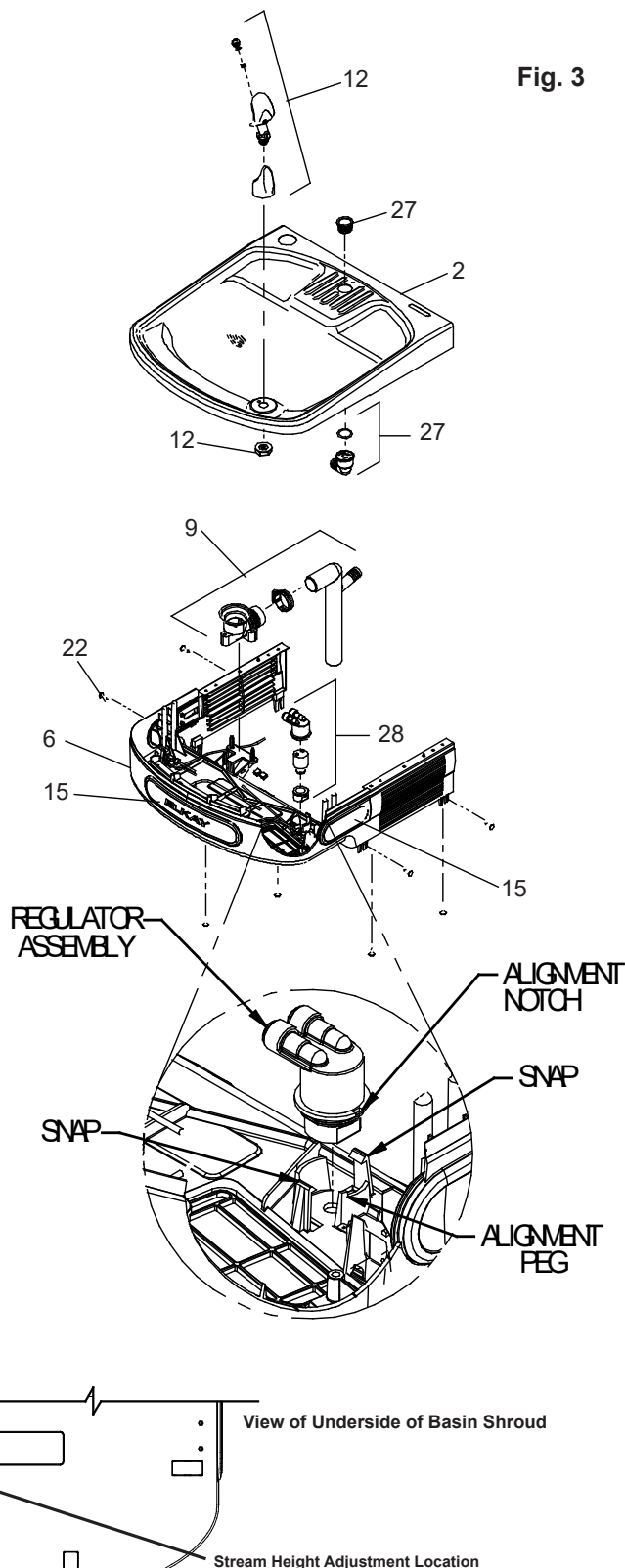
NOTE: If continuous flow occurs at the end of the compressor cycle, turn cold control screw counterclockwise 1/4 turn.

- 9) Replace the front panel ensuring that the metal wrapper is secured inside of the upper shroud. Replace all four screws previously removed.

CLEANING

Warm, soapy water or mild household cleaning products can be used to clean the exterior panels of the EZ coolers. Extra caution should be used to clean the mirror finished stainless steel panels. They can be easily scratched and should only be cleaned with mild soap and water or Windex glass cleaner and a clean, soft cloth. Use of harsh chemicals or petroleum based or abrasive cleaners **will void the warranty**.

Fig. 3



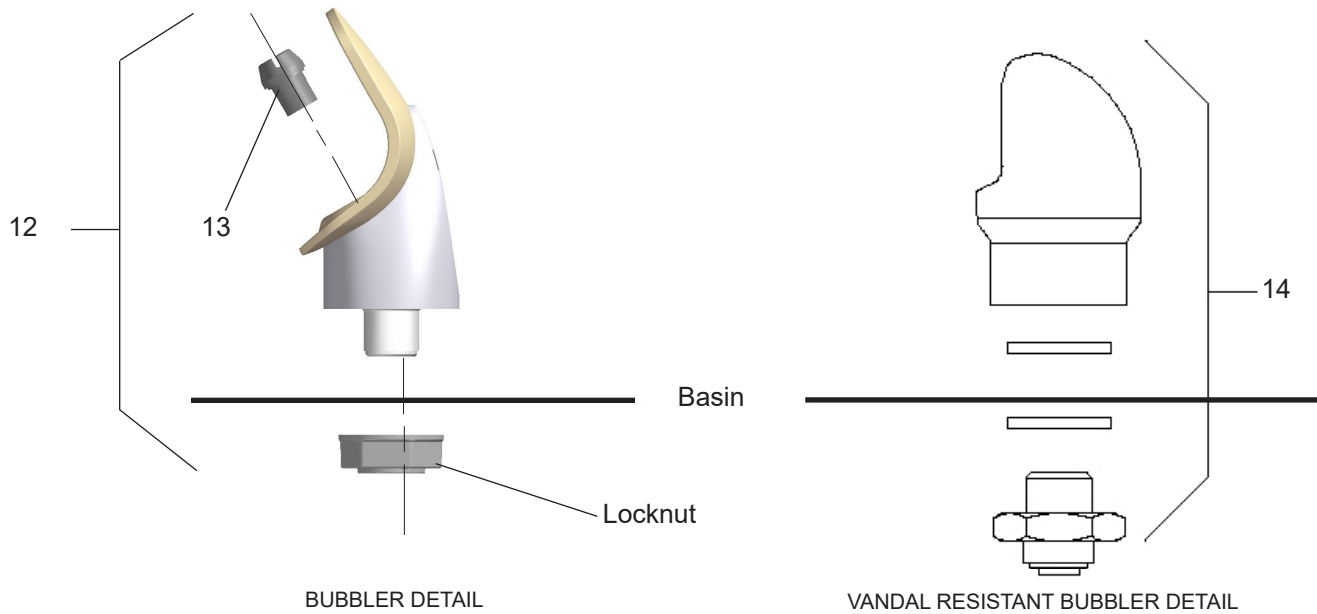


Fig. 4

Fig. 5

NOTE:

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

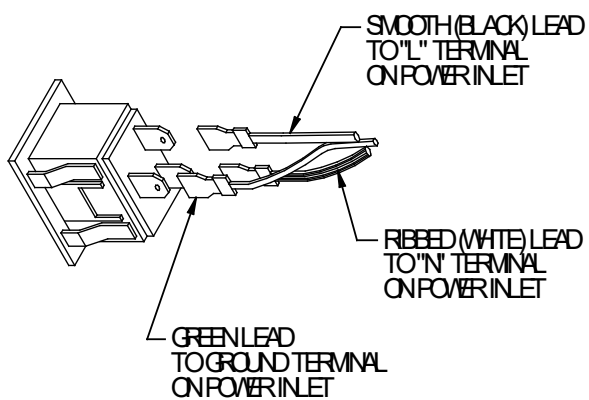


Fig. 6

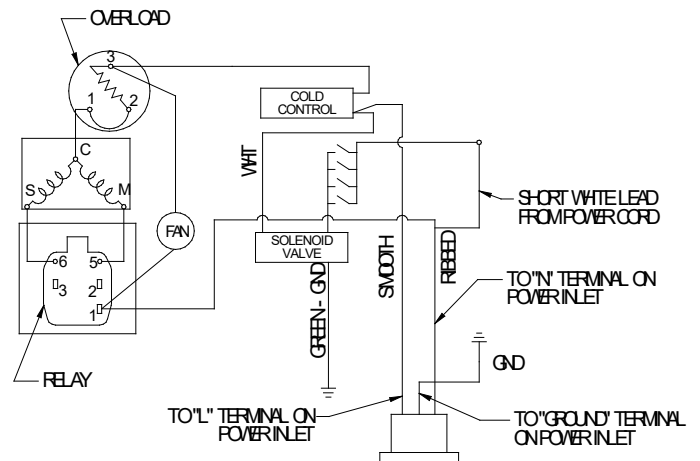


Fig. 7
220V-240V Wiring Diagram

220V - 240V/50Hz PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	28401C	Hanger Bracket
2	55001109	Basin - Stainless Steel
3	36216C	Wiring - Front/Side Push Bar
*4	1000002194	Compr - Service Pak
5	56092C	Tubing - Poly (Cut To Length)
6	56229C	Assy - Shroud Upper (Front Side Push)
7	56213C	Access Panel
8	66703C	Drier
9	97970C	Kit - Drain Replacement (EZ)(Brkt/Tube/Ftg/Clamp)
10	55996C	In-Line Strainer (EZ)
11	1000004575	Kit - Solenoid Valve/Regulator Assy
12	56073C	Kit - Bubbler Assy
13	40322C	Orifice Assy
14	98920C	Kit - Vandal Resistant Bubbler (VR)
	1000001600	Kit - Pushbar (Front)
15	98734C	Kit - Pushbar (Front/Side)
16	98773C	Kit - Cold Control/Screws
17	36004C	Wire - Jumper White
18	0000000245	Kit - Fan Motor Assy/Blade/Mtr/Shroud/Screws/Nut
19	98776C	Kit - Condenser/Drier
20	0000000256	Kit- Compr Mtg Hdwe/Grommets/Clips/Studs
21	98778C	Kit - Heatx/Drier
22	98898C	Kit - Hardware (EZ)
23	36066C	Power Cord
24	1000001602	Kit - Elbow - 5/16" - 1/4" (3 Pack)
25	98724C	Evaporator Assembly
26	1000002195	Kit - Elect/Relay/Cover/Overload
27	35826C	Power Inlet
28	1000004564	Kit - Regulator w/Holder & Nut
NS	27413C	Wrapper - Light Grey
	27416C	Wrapper - Stainless Steel
NS	28030C	Brkt - Power Inlet
-	See Filter Table	Water Filter Kit (When Provided)

NS = NOT SHOWN

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

NOTE: All correspondence pertaining to any of the above water coolers or orders for repair parts MUST include Model No. and Serial No. of cooler, name and part number of replacement part.



Scan for trouble shooting and to sign up for auto replenishment of authentic Elkay filters.

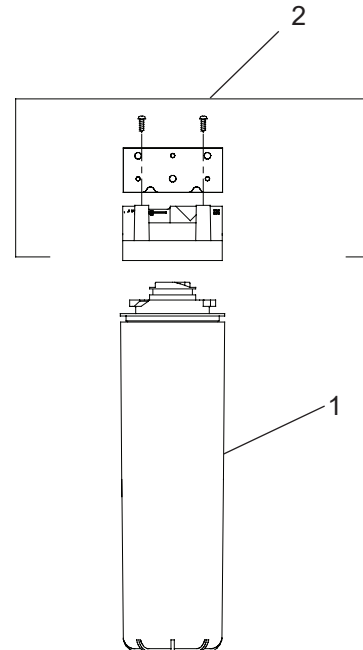


Fig. 8

Filter Detail

FILTER PARTS LIST		
ITEM NO.	PART NO.	DESCRIPTION
1	51299C	Filter Assy-1500 Gal.
2	0000000746	Assy -Filter & Bracket includes Filtr Head/Mtg Bkt/ John Guest Ftgs/Screws