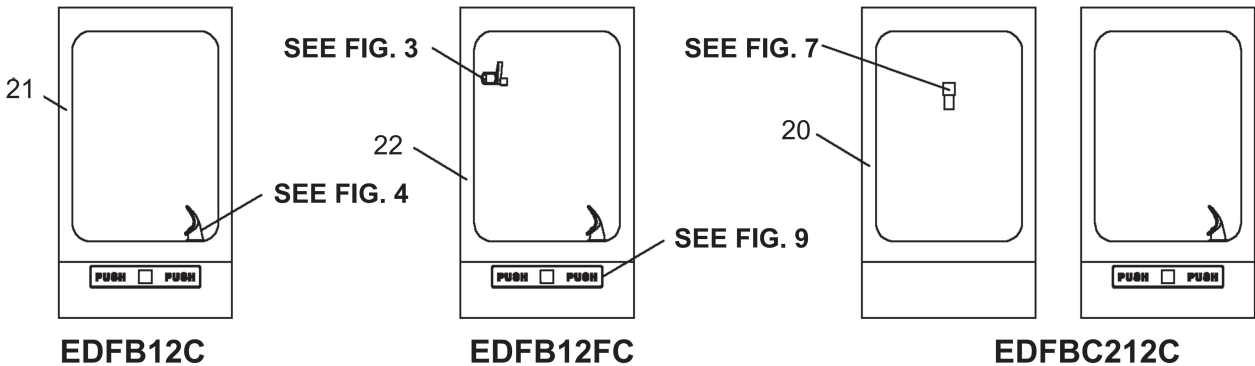


# Installation/Care/Use Manual

## Fully Recessed Fountain/Cuspidor with FLEXI-GUARD®



### 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.

### INSTALLATION INSTRUCTIONS

1. **Prepare** wall opening(s) and attach wall hanger bracket(s) for the fountain (and cuspidor when applicable) using dimensions shown in Figures 1 and 2.
2. **Remove** lower panel from drinking fountain (and cuspidor) by removing the two screws at the lower corners. Rotate the bottom of the panel out to clear the push bar, and pull gently downward to remove.
3. **Water** supply is 3/8" O.D. unplated copper and waste tailpiece(s) are 1-1/4" O.D. Contractor is to supply waste trap(s) and service stop valve in accordance with local codes.
4. **Connecting** lines to be unplated copper and thoroughly flushed to remove all foreign matter before connecting to fountain assembly.
5. **Install** fountain (and cuspidor) into rough-in opening(s).
6. **Connect** the fountain to the supply line with a shut off valve and install a 3/8" (10mm) unplated copper water line between the valve and strainer. Push the tubes straight into the fittings until they reach a positive stop, approximately 3/4". See Figs. 5 and 6.  
**DO NOT SOLDER TUBES INSERTED INTO THE STRAINER AS DAMAGE TO THE O-RINGS MAY RESULT.**
7. **On** cuspidor models, connect 1/4 tube coiled in fountain to spreader.
8. **Turn** water supply on and check thoroughly for leaks.
9. **Release** air from water line by depressing push bar; a steady stream of water assures all air is removed.
10. **Re-check** for leaks.
11. **Stream** height is factory set at 35 PSI. If supply pressure varies greatly from this, turn adjustment screw on regulator (item 1). Clockwise adjustment will raise the stream height and counter-clockwise adjustment will lower stream height. For best adjustment, stream should hit basin approximately 6-1/2" from the bubbler.

### 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. **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 Fig. 6). To insert tubing, push tube straight into the fitting until it reaches a positive stop, approximately 3/4".

# EDFB12C ROUGH-IN

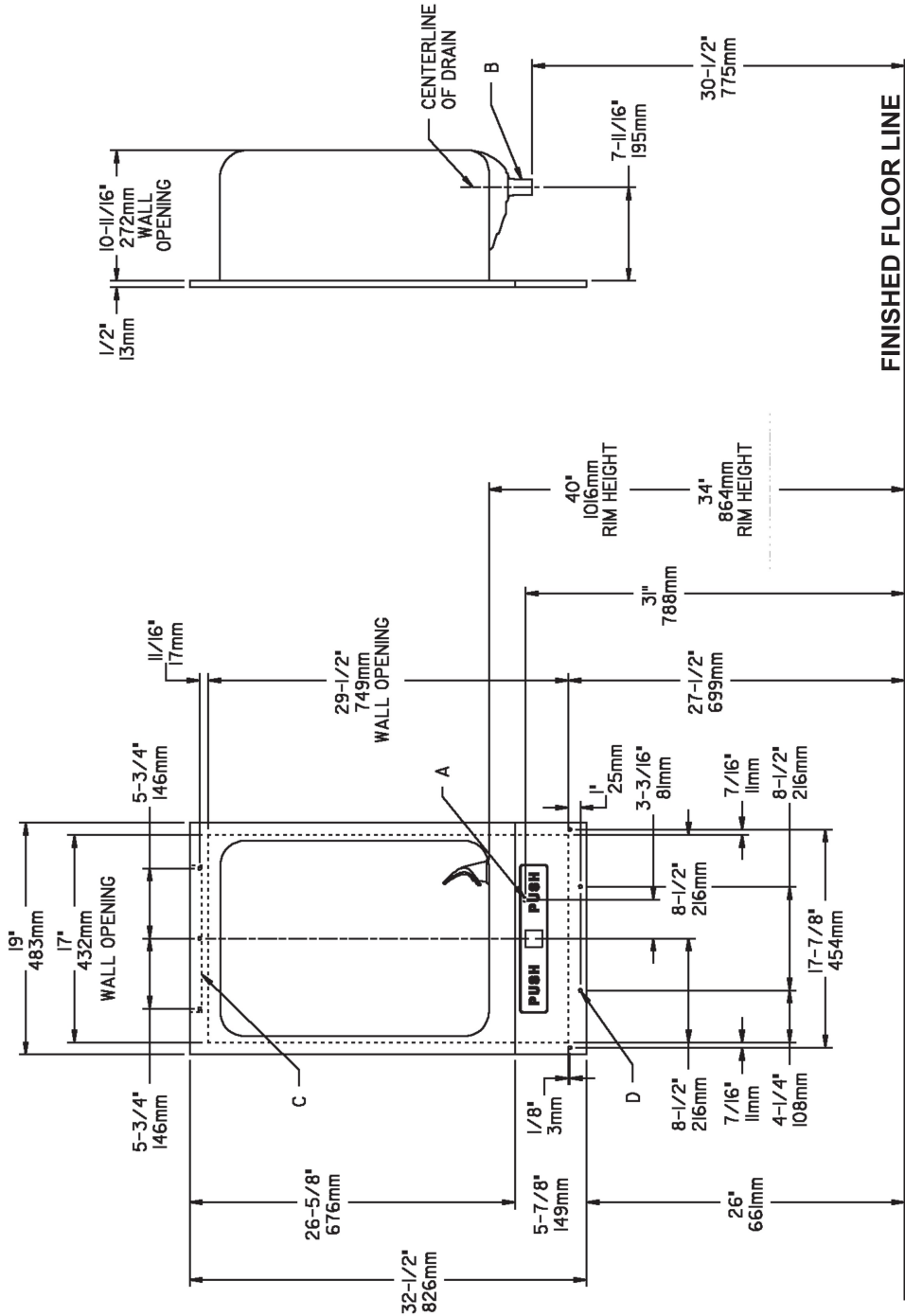


FIG. 1

LEGEND:  
A = WATER INLET LOCATION. 3/8" O.D. UNPLATED COPPER  
TUBE CONNECT.  
B = FOUNTAIN WASTE OUTLET LOCATION.  
1-1/4" O.D. DRAIN (TRAP NOT FURNISHED)

C = WALL HANGER - 12" (305mm) x 1" (25mm) FURNISHED LOOSE.  
D = MOUNTING HOLES FOR 1/4" DIA. (6mm) SCREWS.

EDFBC212C ROUGH-IN

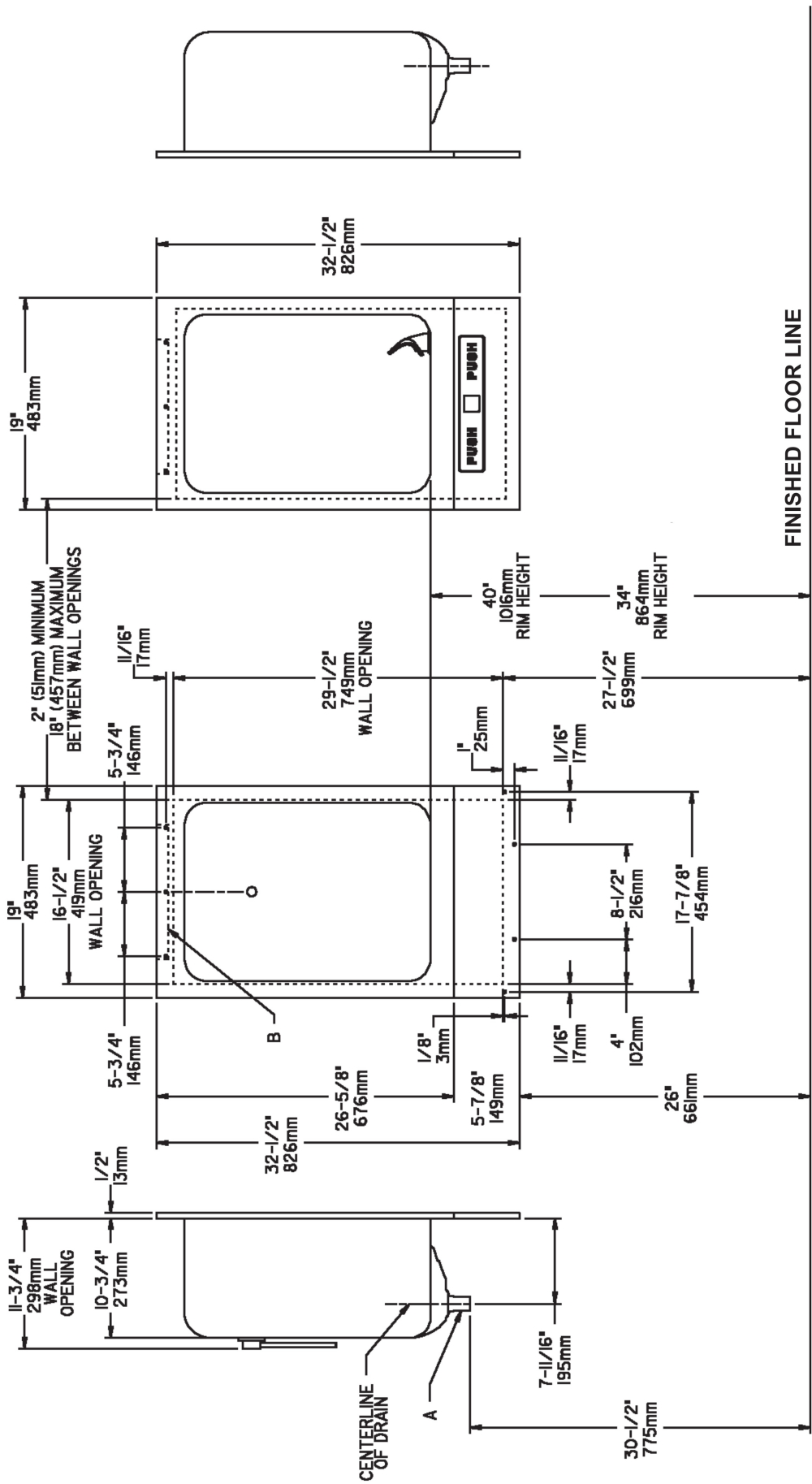


FIG. 2

LEGEND:  
A = CUSPIDOR WASTE OUTLET LOCATION.  
1-1/4" O.D. DRAIN (TRAP NOT FURNISHED)  
B = WALL HANGER - 12" (305mm) x 1" (25mm) FURNISHED LOOSE.  
C = MOUNTING HOLES FOR 1/4" DIA. (6mm) SCREWS.

# EDFB12C\*A EDFB12FC\*A EDFBC212C\*A

## PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	98531C	KIT - REGULATOR/HOLDER/NUT
2	21705C	CLIP - PUSH ROD
3	21708C	PUSH BAR ASSY - LEVER/PUSH BAR
4	22911C	BRKT - LEVER PUSH
5	22912C	BRKT - PUSH BAR MTG
6	31525028	O-RING
7	40045C	HEX NUT - UNPLTD
8	40206000	RETAINER
9	56073C	BUBBLER ASSY
10	40493C	GLASS FILLER
11	98790C	KIT - TAILPIPE (CUSPIDOR)/STRAINER /FERRULE/GASKET
12	56092C	POLY TUBING (Cut To Length)
13	40624C	HEAD-SPREADER
14	100002162	KIT - UNION 1/4" (3 PACK)
15	75555C	CLIP - .125 STUD LOCK
16	50198C	BUSHING - SNAP
17	70977C	NUT - LOCK 1/2 CONDUIT
18	55996C	STRAINER
19	70971C	ELBOW 90 DEGREES-TUBE TO
20	55000857	CUSPIDOR
21	55001086	FOUNTAIN (EDFB12C)
22	55001087	FOUNTAIN (EDFB12FC)
23	1000001994	KIT - TEE 1/4" (3 PACK)
24	62084C	TUBE ASSY - GF
25	70002C	SCREW-#10 X .50 HHSM
26	70920C	ROD - PIVOT
27	70018C	NUT 1/4-20 HEX
28	70278C	ROD - SUPPORT
29	70378C	ROD - PUSH
NS	28579C	WALL HANGER BRACKET

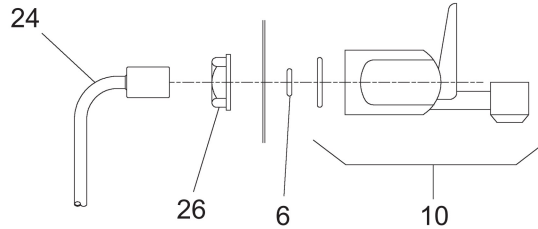


FIG. 3

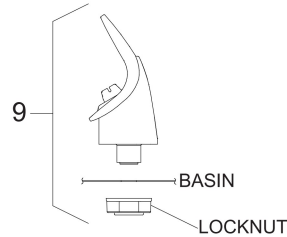


FIG. 4

**NOTE: WHEN INSTALLING REPLACEMENT BUBBLER AND PEDESTAL, TIGHTEN LOCKNUT ONLY TO HOLD PARTS SNUG IN POSITION. DO NOT OVER TIGHTEN.**

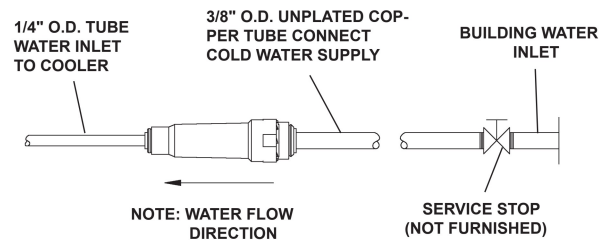


FIG. 5

## OPERATION OF QUICK CONNECT FITTINGS

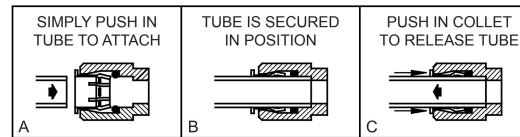


FIG. 6

PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

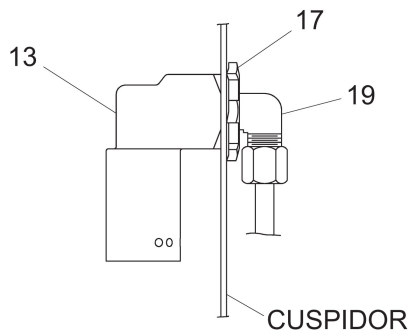


FIG. 7

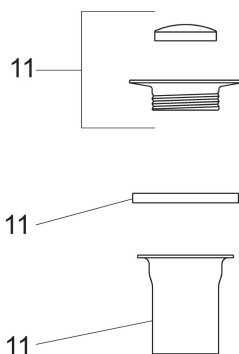


FIG. 8

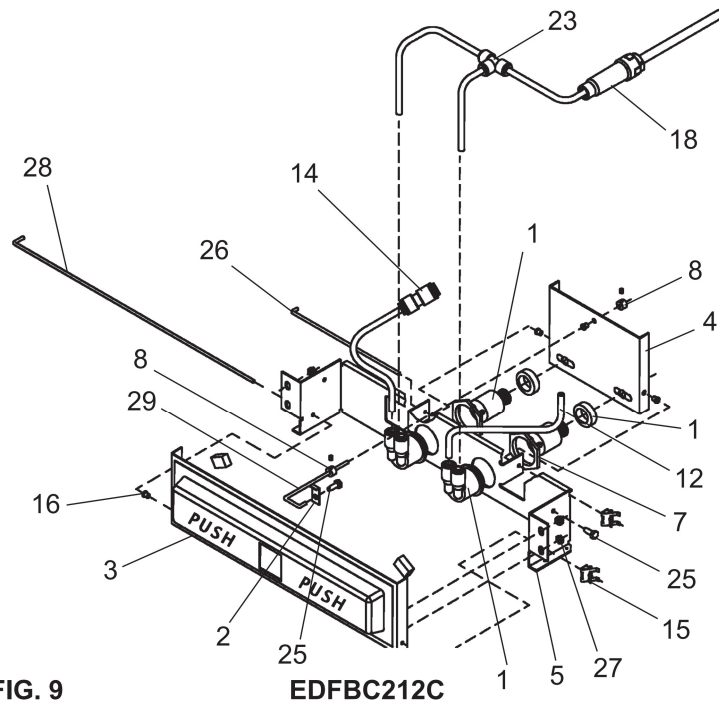


FIG. 9

EDFBC212C

FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.834.4816  
ELKAY MANUFACTURING COMPANY • 2222 CAMDEN COURT • OAK BROOK, IL 60523 • 630.574.8484