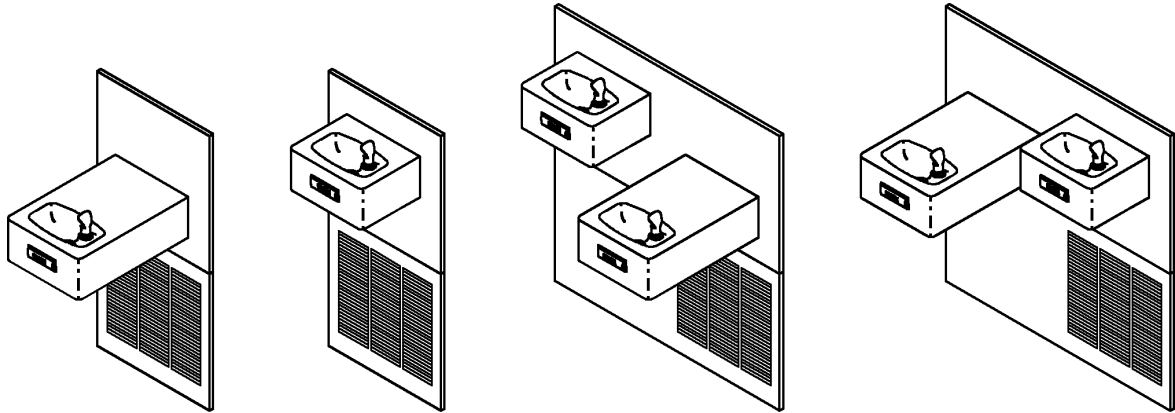


Halsey Taylor Owners Manual

Wall Mount Steel Refrigerated Fountains



HT-ER

HT-SR

HT-SER

HT-ESR

INSTALLER

These series fountains are among the easiest to install Fountains on the market today. To assure you install these models 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 with 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.

OPERATION OF QUICK CONNECT FITTINGS

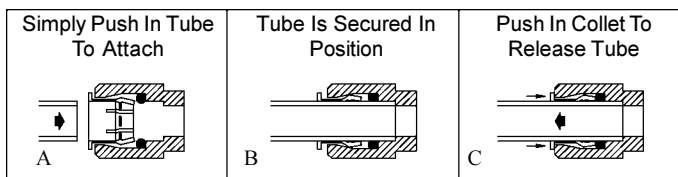


FIG. 1

Pushing Tube In Before Pulling It Out Helps To Release Tube.

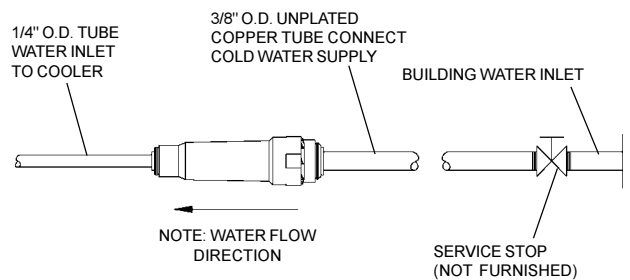
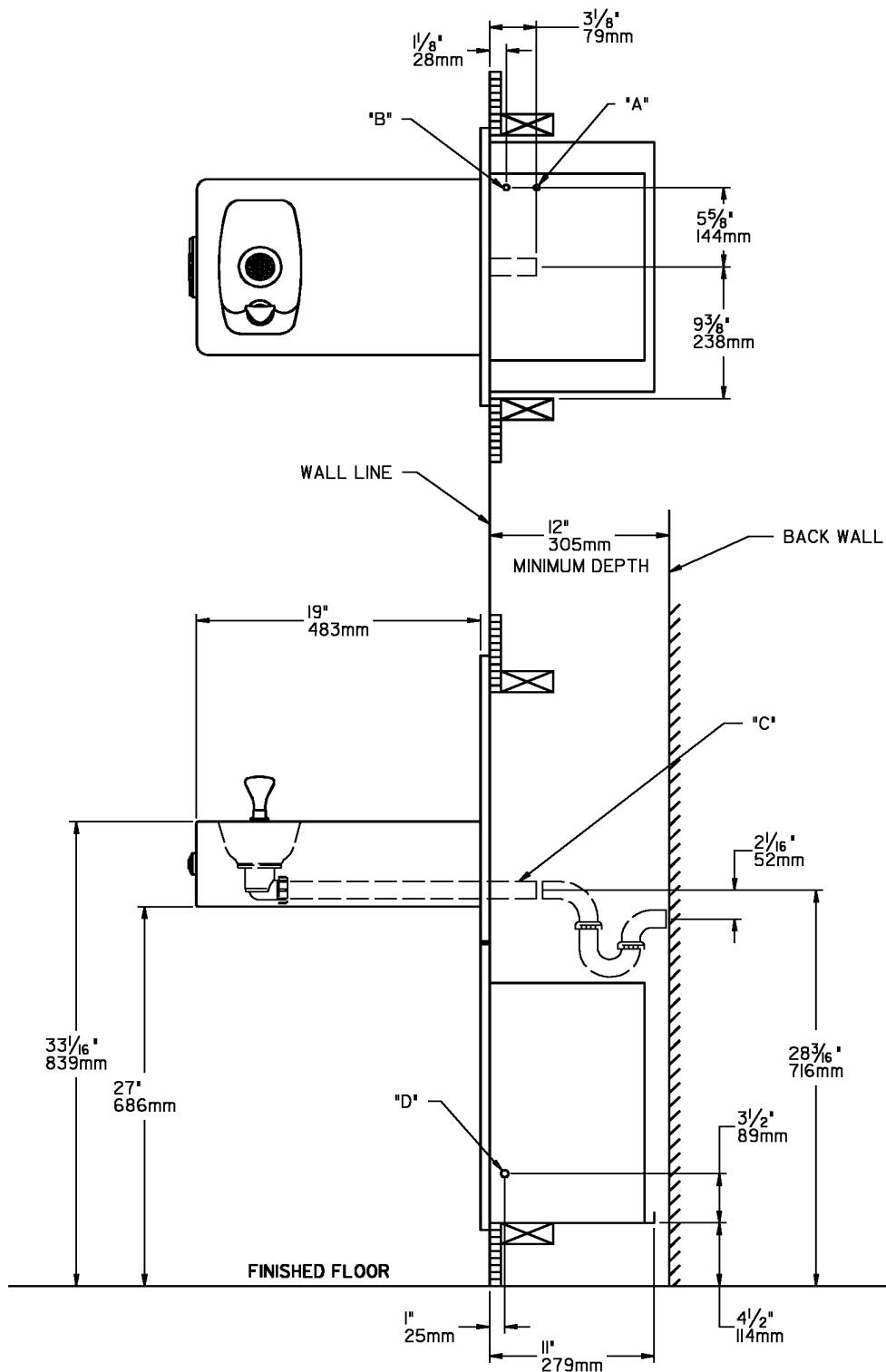


FIG. 2

HT - ER/SR/SER/ESR COOLER INSTALLATION

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. A minimum of 4" (102mm) on both sides and top is required. See chiller instructions for additional instructions.
2. **Make water supply connections.** Attach a water inlet line and a service stop (not provided) to the chiller. Inlet port is marked on the chiller (3/8" O.D. copper tube). Bend the copper tube (provided) at an appropriate length from chiller to opening in frame. Install a 3/8" O.D. tube tee fitting (provided) on the marked chiller outlet port. Turn on the water supply and flush the line thoroughly.
3. **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.
4. **Install 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 (HT-SER ONLY): The short fountain should be mounted to the upper left hand side of the panel.
5. **Cut waste tubes to required lengths** using plumbing hardware and trap (not provided) as a guide. Install hardware and traps. Tighten securely.
6. **Make connection between remote chiller outlet tube and fountain strainer.** Insert the water inlet line into inlet side of strainer by pushing it in until it reaches a positive stop, approximately 3/4" (19mm). **DO NOT SOLDER TUBES INSERTED INTO THE STRAINER AS DAMAGE TO THE O-RINGS MAY RESULT.**
7. **Open service valve and operate the fountain valves** to purge air from the system. Check thoroughly for leaks.
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 45-50 PSI. If supply pressure varies greatly from this, adjust the screw on regulator (Item 13 on page 7). Clockwise adjustment will raise stream height and counter-clockwise adjustment will lower stream height. For best adjustment stream height should be approximately 1-1/2" (38mm) above the bubbler guard. (See Figure 8)
11. **Water Valve Mechanism - ADJUSTMENT PROCEDURE:**
 - Turn adjustment screw on page 7 "Counter-Clockwise" until water flow from bubbler starts.
 - Turn adjustment screw "Clockwise" until water flow stops, then turn an additional 1/2 turn.
12. **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.
13. **Replace bottom access panels** to fountain basins using screws provided. Tighten securely.

MODEL HT-ER

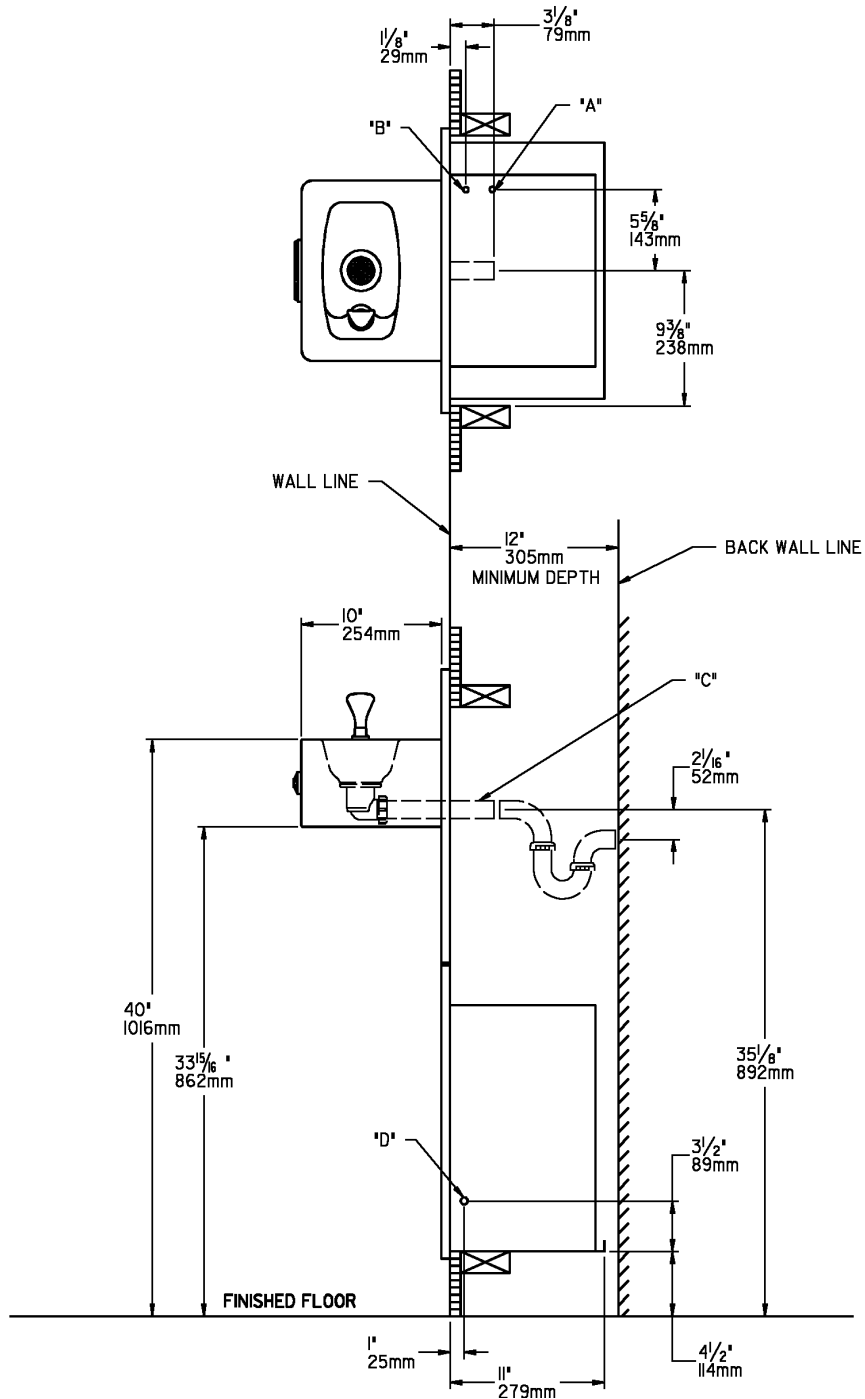


LEGEND:

- A = 3/8" O.D UNPLATED COPPER TUBE CONNECT (CHILLER WATER OUTLET)
- B = 3/8" O.D. UNPLATED COPPER TUBE CONNECT (CHILLER WATER INLET) SHUT OFF VALVE BY OTHERS
- C = 1-1/4" O.D WASTE TUBE (ELBOW AND TRAP NOT PROVIDED)
- D = ELECTRICAL INLET

Fig. 3

MODEL HT-SR

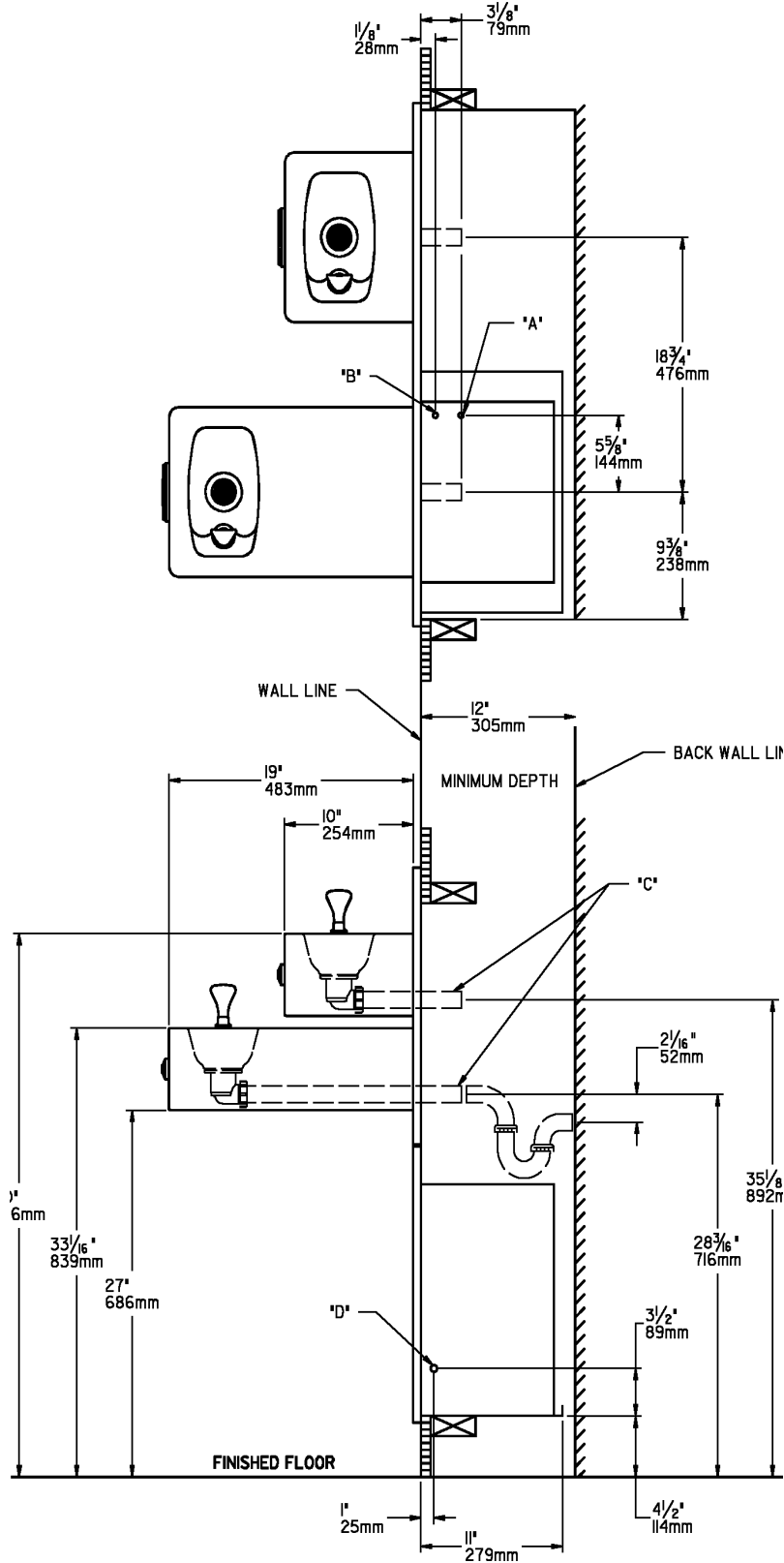


LEGEND:

- A = $\frac{3}{8}$ " O.D UNPLATED COPPER TUBE CONNECT (CHILLER WATER OUTLET)
- B = $\frac{3}{8}$ " O.D. UNPLATED COPPER TUBE CONNECT (CHILLER WATER INLET) SHUT OFF VALVE BY OTHERS
- C = $1\frac{1}{4}$ " O.D WASTE TUBE (ELBOW AND TRAP NOT PROVIDED)
- D = ELECTRICAL INLET

Fig. 4

MODEL HT-SER

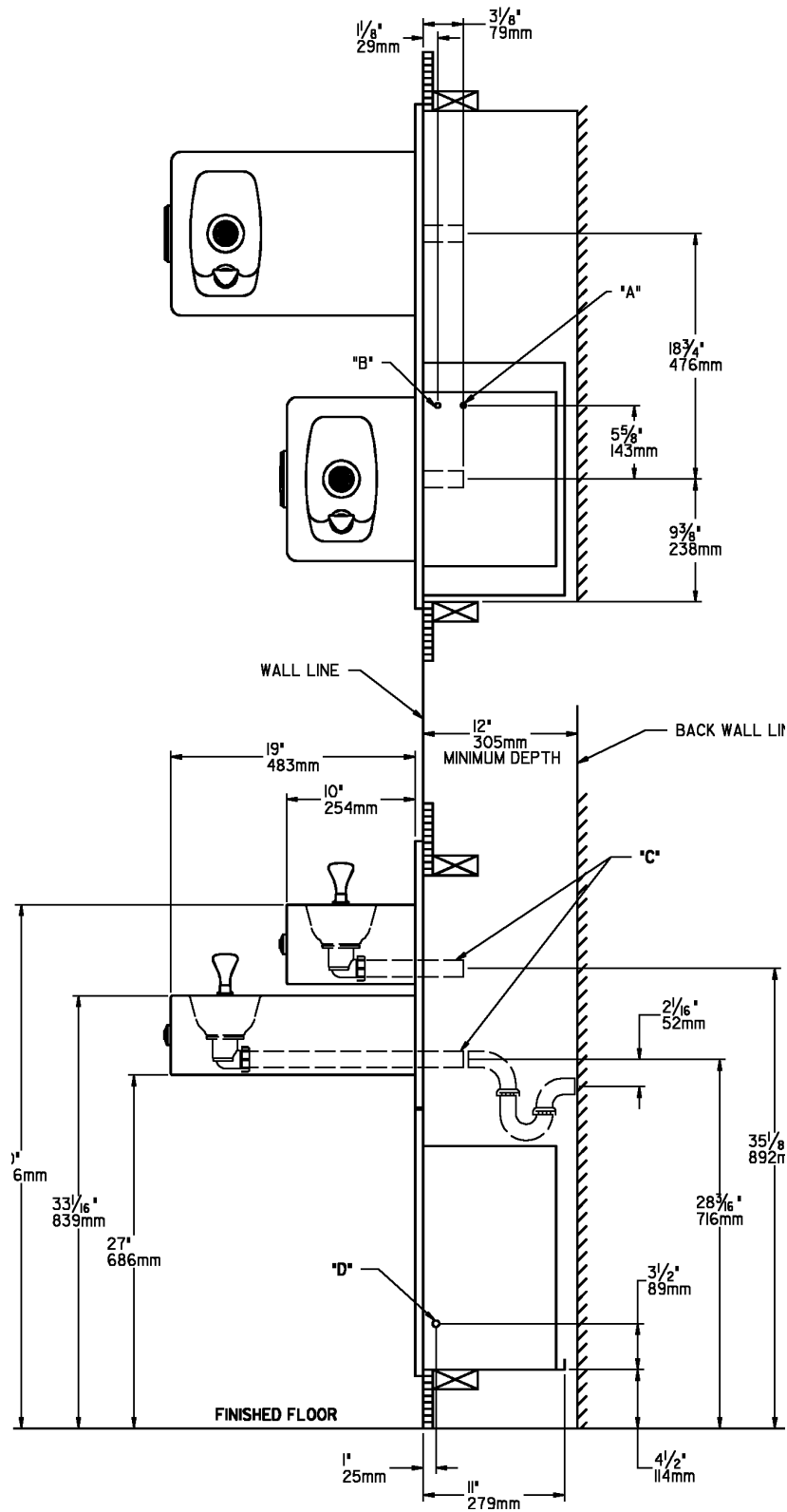


LEGEND:

- A = 3/8" O.D UNPLATED COPPER TUBE CONNECT (CHILLER WATER OUTLET)
- B = 3/8" O.D. UNPLATED COPPER TUBE CONNECT (CHILLER WATER INLET) SHUT OFF VALVE BY OTHERS
- C = 1-1/4" O.D WASTE TUBE (ELBOW AND TRAP NOT PROVIDED)
- D = ELECTRICAL INLET

Fig. 5

MODEL HT-ESR

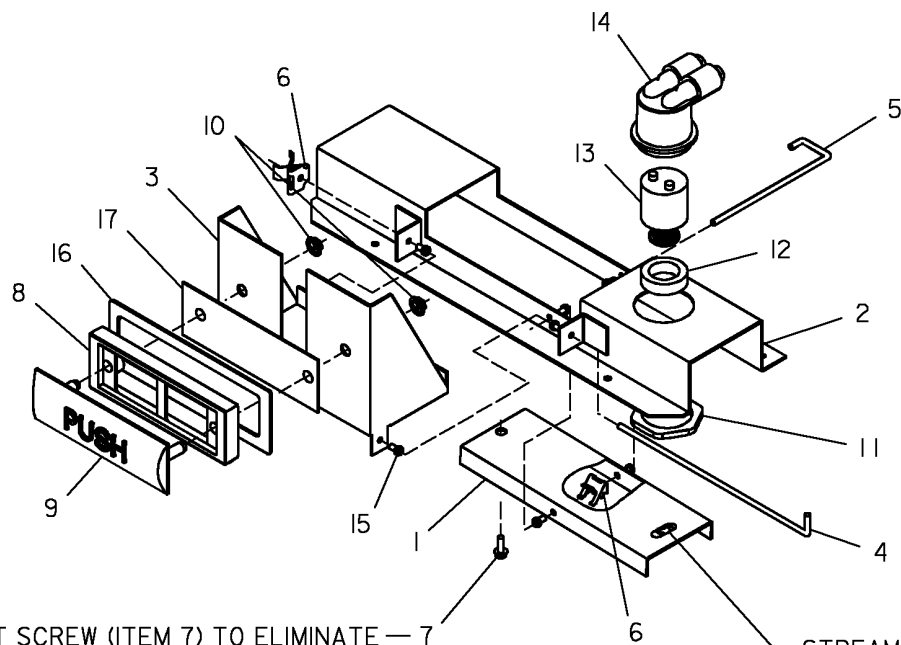


LEGEND:

- A = 3/8" O.D UNPLATED COPPER TUBE CONNECT (CHILLER WATER OUTLET)**
- B = 3/8" O.D. UNPLATED COPPER TUBE CONNECT (CHILLER WATER INLET) SHUT OFF VALVE BY OTHERS**
- C = 1-1/4" O.D WASTE TUBE (ELBOW AND TRAP NOT PROVIDED)**
- D = ELECTRICAL INLET**

Fig. 6

PUSH BAR MECHANISM



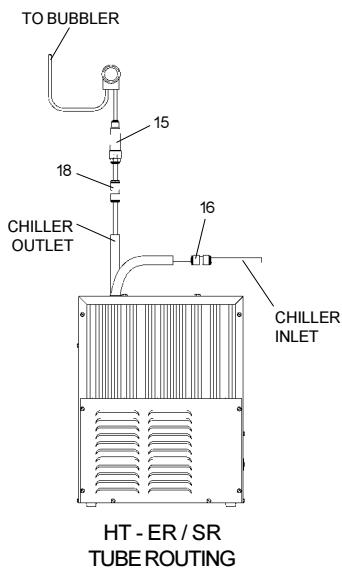
ADJUST SCREW (ITEM 7) TO ELIMINATE MECHANISM "FREE PLAY" OR CONTINUOUS FLOW FROM BUBBLER CONDITIONS

STREAM HEIGHT ADJUSTMENT ACCESS HOLE

Fig. 7

ITEMIZED PARTS LIST

ITEM NO.	PARTNO.	DESCRIPTION
1	26936C	Push Lever Assy
2	26935C	Mounting Bracket Assy
3	27237C	Bracket - Pushbar
4	75517C	Lever Rod
5	70378C	Pushbar Rod
6	75555C	Spring Clip
7	70856C	Screw - #10-24 x .38 PHMS
8	55859C	Pushbar - Side & Front
9	101514331640	Pushbar Insert
10	111411743620	Nut - 1/4, Self Thread
11	40045C	Regulator Hex Nut
12	15005C	Regulator Retaining Nut
13	61313C	Regulator
14	50986C	Regulator Holder
15	50198C	Snap Bushing
16	55899C	Pad - Window Filler
17	27073C	Backing Plate



NOTE:
SEE PAGE 8 FOR
PART NUMBERS

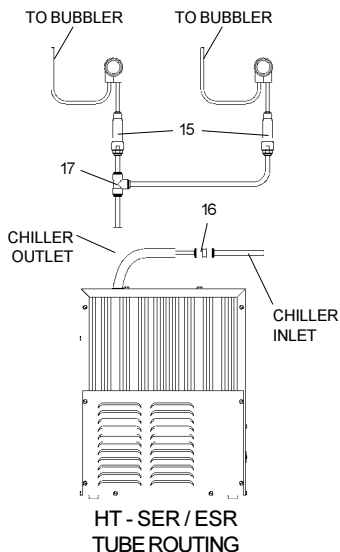


Fig. 9

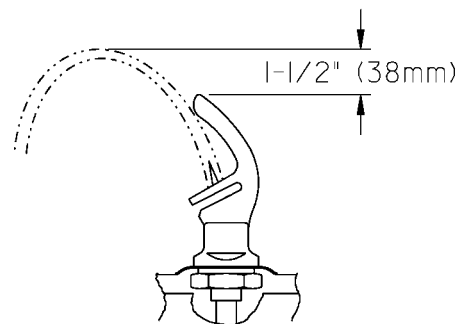


Fig. 8

ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	51546C	Bubbler - Satin
	45397C	Bubbler - Golden Bronzetone
2	66318C	Tube Assy - Bubbler
3	10080C	Nipple - Bubbler (Included w/Item 2)
4	100322740560	Gasket - Bubbler (2-Reg'd)
5	160270508640	Strainer Plate
	410270508450	Strainer Plate - Golden Bronzetone
6	161637308640	Drain Plug
	411637308450	Drain Plug - Golden Bronztone
7	100147140560	Gasket - Drain
8	66346C	Tube - Waste (HT-ER)
	66343C	Tube - Waste (HT-SR)
9	26868C	Basin - Stainless Steel (HT-ER)
	26869C	Basin - Golden Bronzetone (HT-ER)
	26870C	Basin - Stainless Steel (HT-SR)
	26871C	Basin - Golden Bronzetone (HT-SR)
10	23001C	Cover - Bottom (HT-ER)
	23002C	Cover - Bottom (HT-SR)
11	26837C	Upper Panel - Stainless Steel (HT-ER)
	26838C	Upper Panel - Golden Bronzetone (HT-ER)
	26835C	Upper Panel - Stainless Steel (HT-SR)
	26836C	Upper Panel - Golden Bronzetone (HT-SR)
	26839C	Upper Panel - Stainless Steel (HT-SER)
	26840C	Upper Panel - Golden Bronzetone (HT-SER)
	27028C	Upper Panel - Stainless Steel (HT-ESR)
	27260C	Upper Panel - Golden Bronzetone (HT-ESR)
12	26833C	Lower Panel - Stainless Steel (HT-ER/SR)
	26834C	Lower Panel - Golden Bronzetone (HT-ER/SR)
	27026C	Lower Panel - Stainless Steel (HT-ESR/SER)
	27027C	Lower Panel - Golden Bronzetone (HT-ESR/SER)
13	55884C	Elbow - Drain
14	75588C	Nut 1-1/4 Slip Joint
15	55996C	Strainer (See Page 7, Fig. 9)
16	70745C	Union - 3/8 x 1/4 Tube (See Page 7, Fig. 9)
17	70852C	Tee - 3/8 (See Page 7, Fig. 9)
18	70870C	Union - 3/8 (See Page 7, Fig. 9)
19	75589C	Gasket
NS	70055C	Nut - Speed

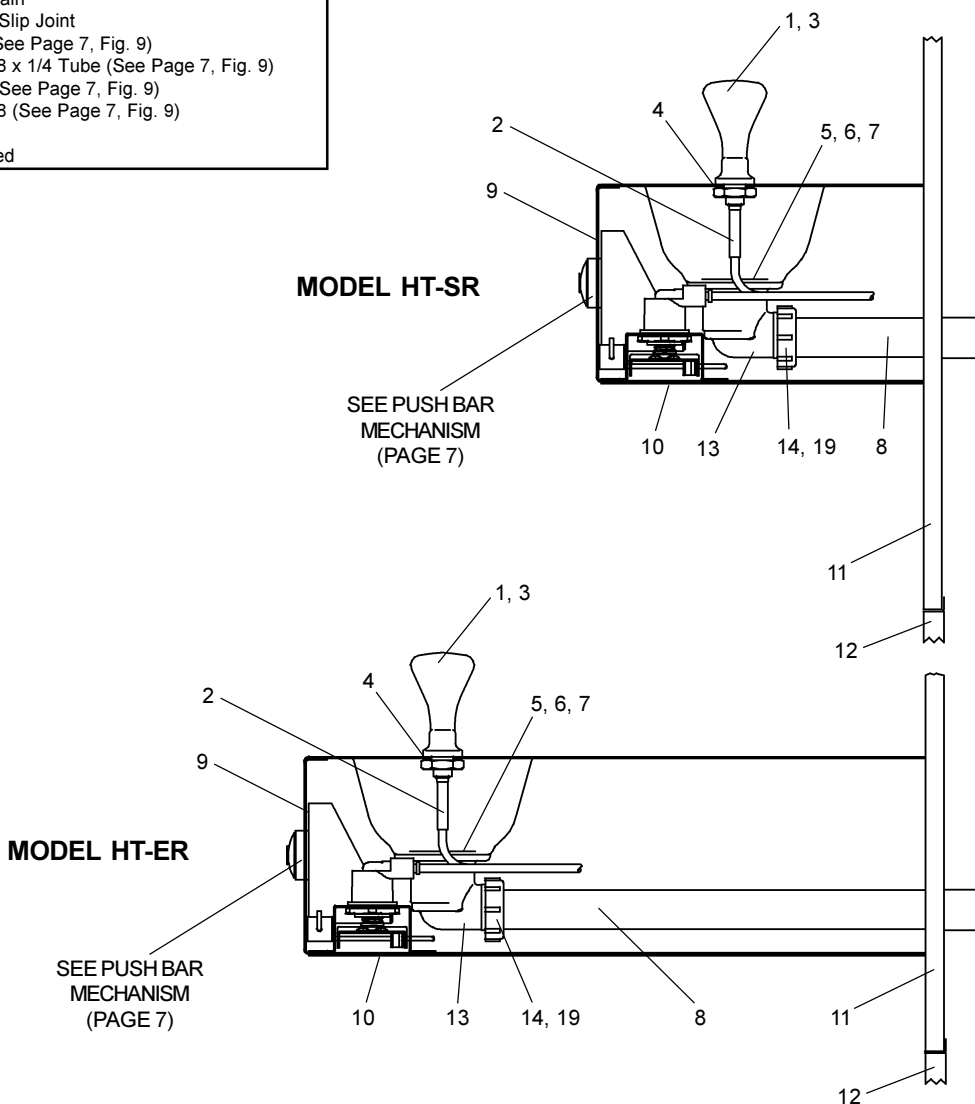
TROUBLE SHOOTING & MAINTENANCE

Orifice Assy: Mineral deposits on orifice can cause water flow to spurt or not regulate. Mineral deposits may be removed from the orifice with a small round file not over 1/8" diameter or small diameter wire. **CAUTION: DO NOT** file or cut orifice material.

Stream Regulator: If orifice is clean, regulate flow as in "START UP" instructions on page 2. 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 Fig.1) To insert tubing, push tube straight into fitting until it reaches a positive stop, approximately 3/4".

CAUTION: Cleaning of Bronzetone Models requires special care. Outer surfaces must be cleaned with mild detergent or mixture of vinegar and water only, rinsed and wiped dry. Abrasive and acidic cleaners may eventually damage the Bronzetone finish.



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