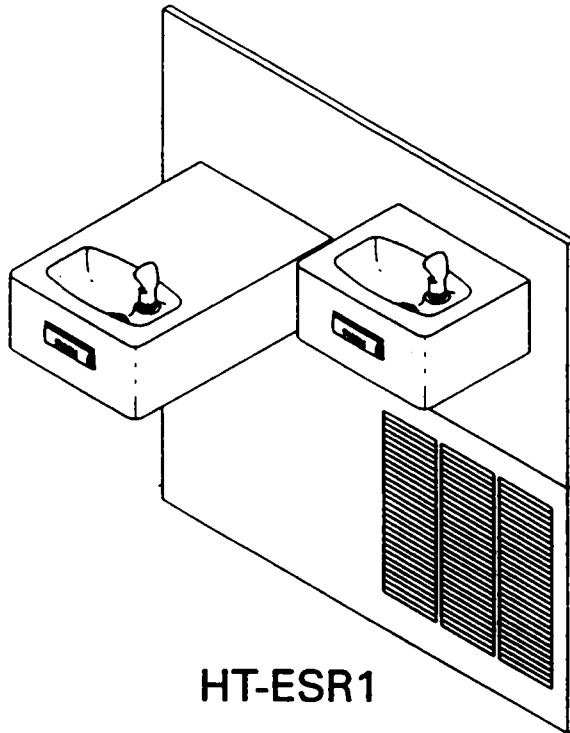


# Halsey Taylor Owners Manual

Models: HT-ER1, HT-SR1, HT-ESR1

*Refrigerated Water Coolers*



HT-ESR1

## 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 install-  
ation, leave these instructions inside the cooler for future reference.**

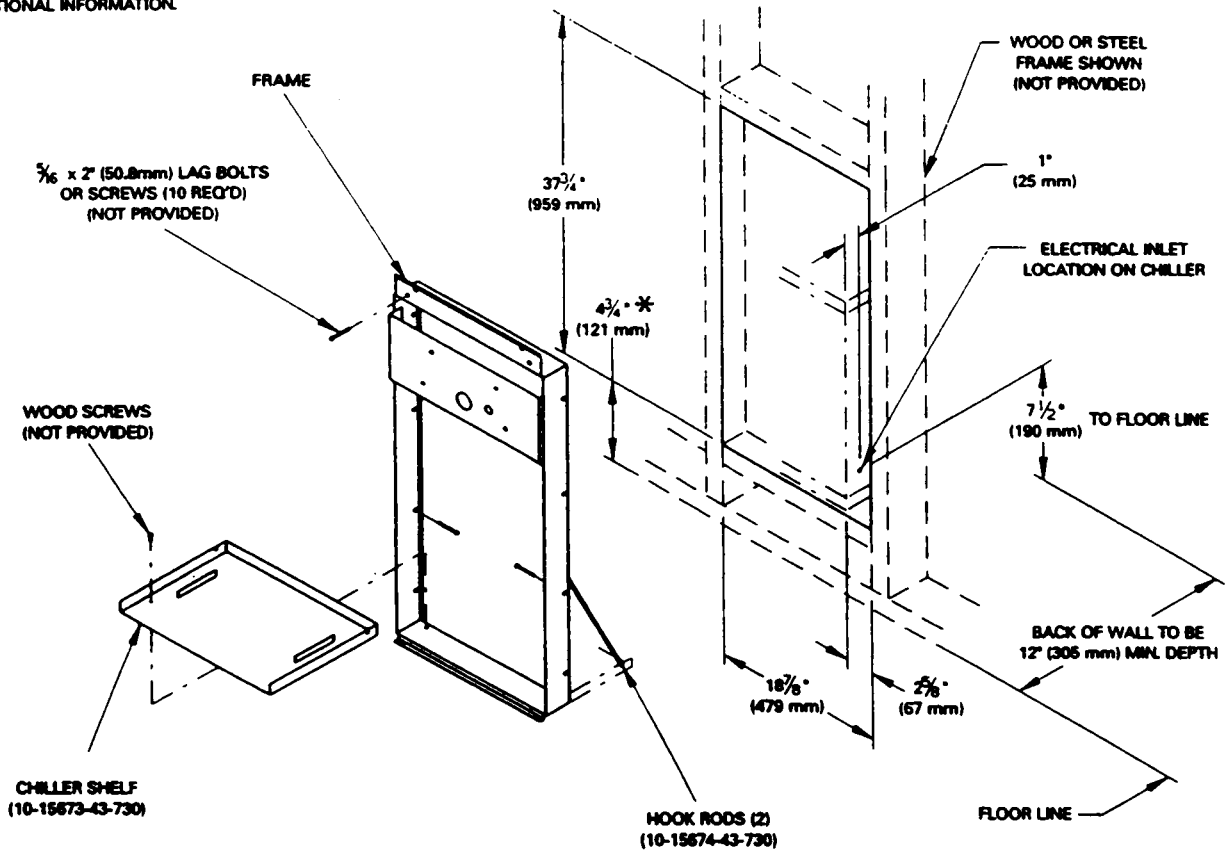
### IMPORTANT

ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON

Installation: HT-ER1 and HT-SR1 .....	Page 2
Installation: HT-ESR1 .....	Page 6
Part List: HT-ER1, HT-SR1 and HT-ESR1 .....	Page 11
Price of Golden Bronzestone Models .....	Page 12

ACTUAL FRAME MAY VARY FROM THE ONE ILLUSTRATED. REFER TO YOUR MODEL FOR ADDITIONAL INFORMATION.

# HT-ER1 or SR1 MOUNTING FRAME INSTRUCTIONS



\*  $4\frac{3}{4}$ " (121 mm) required to obtain a projector orifice height of  $35\frac{3}{4}$ " (908 mm) for wheelchair users. When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

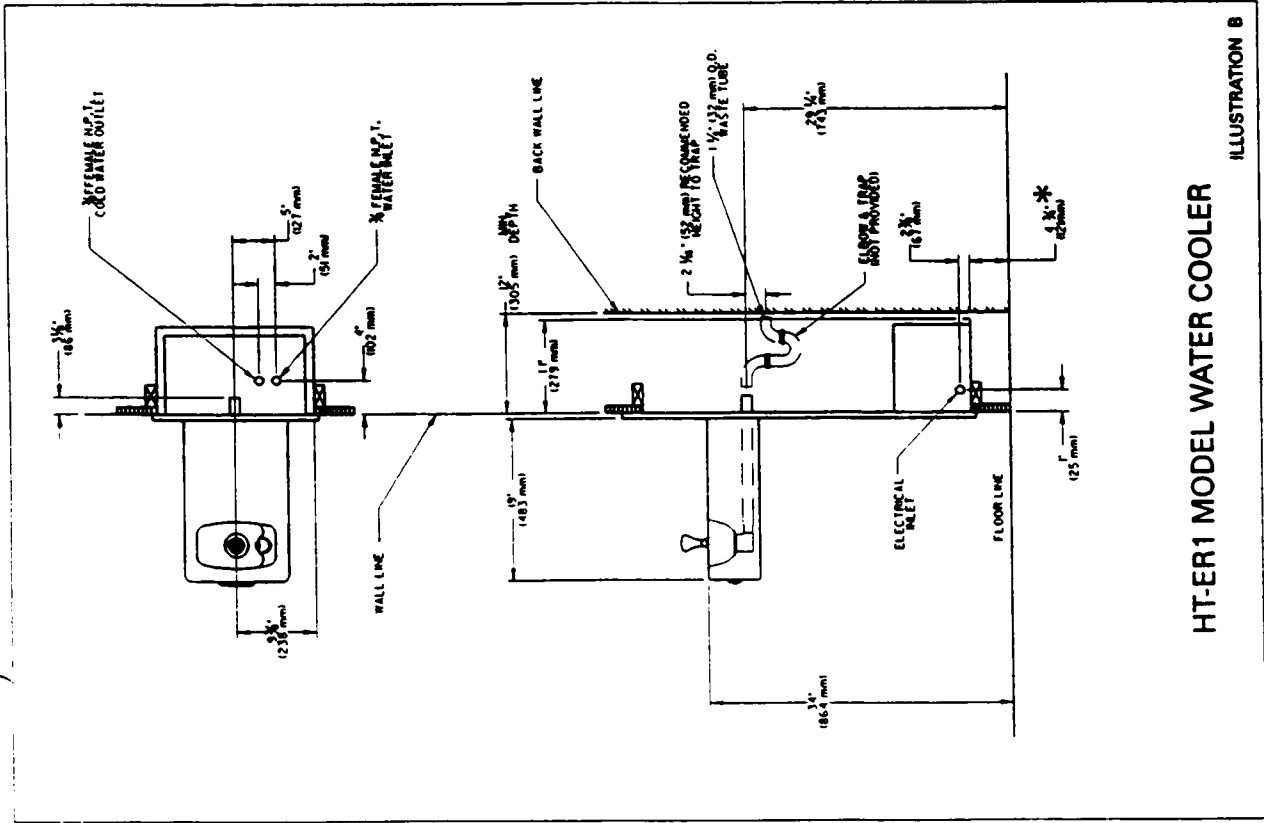
ILLUSTRATION A

1. Cut a square rectangular wall opening  $18\frac{7}{8}$ " (479 mm) W x  $37\frac{3}{4}$ " (959 mm) H and  $4\frac{3}{4}$ " (121 mm) above the floor line. These dimensions are required to obtain proper rim and projector heights for compliance with ANSI Standard A117.1 (See Illustration A).
2. Reinforce the wall opening on all sides so that it will adequately support the water fountain. This reinforcement must support up to 150 pounds static load and provides 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. A minimum of 4" (102 mm) is required. (See Illustrations A, B and C)
3. Install plumbing and electrical rough-ins. See Illustration B for model HT-ER1 or Illustration C for model HT-SR1 for location of the supply water inlet to chiller and for the location of waste water outlet. 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). See Illustration A for the electrical inlet location.

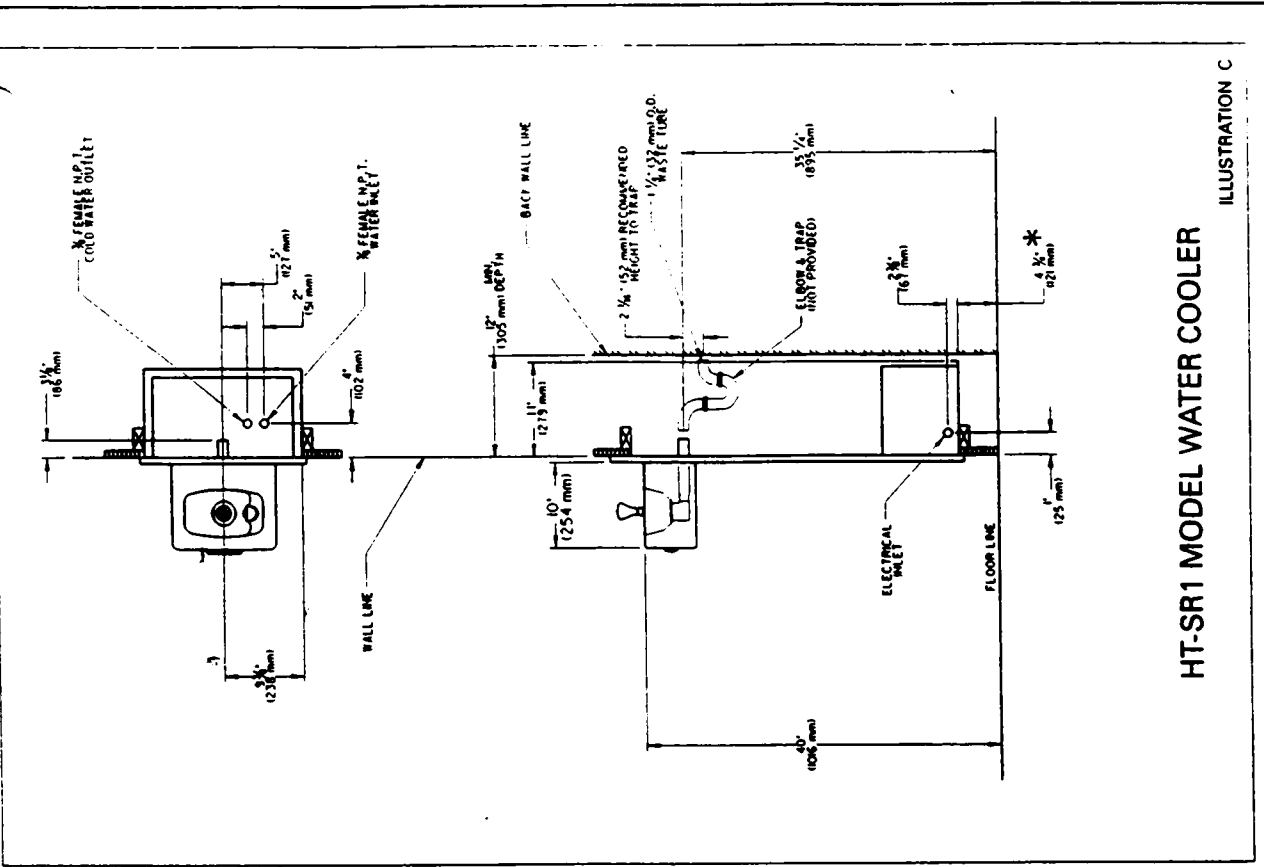
4. Remove frame and related hardware from packaging. Release the two shelf rods by cutting cable ties. Install frame squarely in wall opening with frame upright edges flush with the finished wall face (See Illustration A). Place shelf panel inside frame and line up the two holes on each. Insert loose ends of rods into holes on sides of shelf panel. Using appropriately sized wood screws (not provided) fasten shelf and frame to bottom of wall opening (See Illustration A). Secure the frame sides and top to the wall using ten (10)  $\frac{5}{16}$ " x 2" lag bolts or screws (not provided).

**NOTE:** Be sure that frame is squared in location. Do not use less than required screw quantity and size.



HT-ER1 MODEL WATER COOLER

ILLUSTRATION B



HT-SR1 MODEL WATER COOLER

ILLUSTRATION C

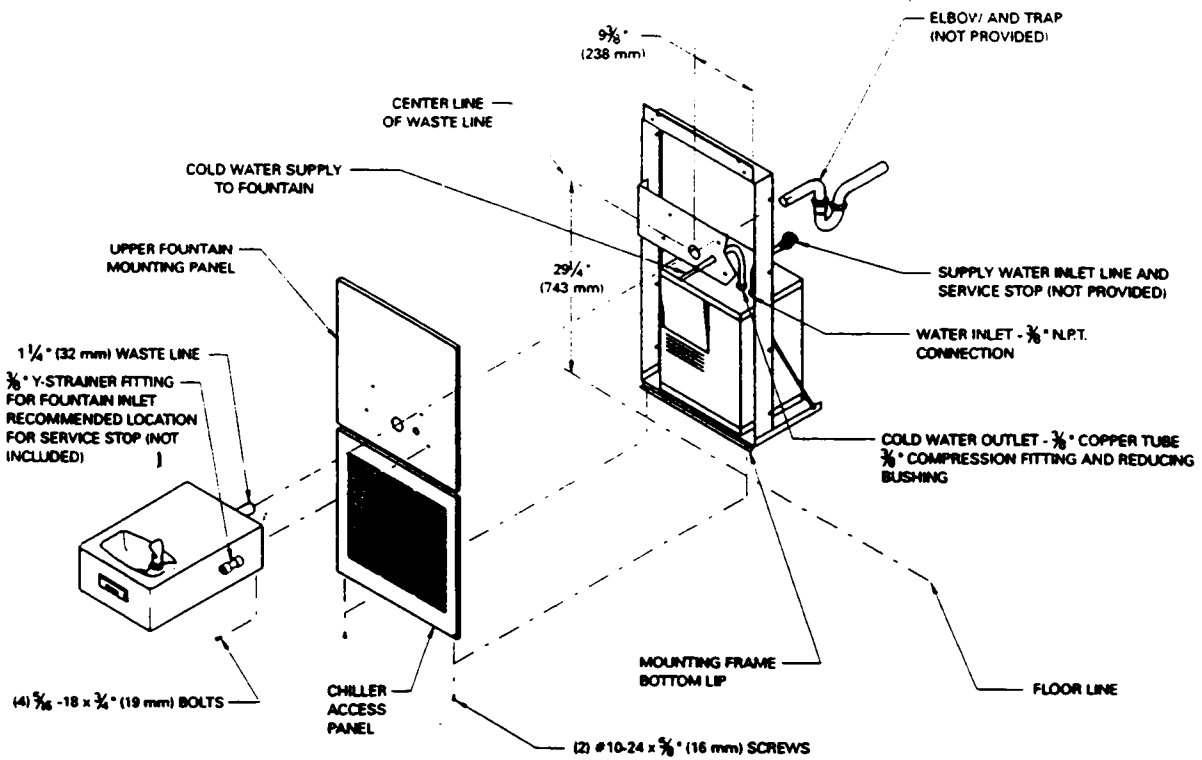
\*  $4\frac{3}{4}$ " (121 mm) required to obtain a projector office height of  $36\frac{3}{4}$ " (908 mm) for wheelchair users. When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

OPERATING PRESSURE:  
Supply water - 90 PSI Maximum

# HT-ER1 BARRIER-FREE & HT-SR1 FACE MOUNTED 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 base.  
**NOTE:** Building construction must allow for adequate air flow on both sides, top and back of chiller. A min. of 4" (102mm) on both sides and top is required. See chiller instructions for additional instructions.
2. **Make water supply connections.** Refer to Figure 1 for model HT-ER1 and Figure 2 for model HT-SR1. Attach a water inlet line and a service stop (not provided) to the chiller. Inlet port is marked on the chiller ( $\frac{3}{8}$ " female N.P.T.). Bend the copper tube (provided) at appropriate length from chiller to opening in frame.
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 (see Figure 1 for model HT-ER1 or Figure 2 for model HT-SR1).
4. **Install fountain.** Remove access cover plate on underside of fountain and save the screws. Install the fountain to the upper panel and the wall frame with four (4) provided  $\frac{5}{16}$ " x  $\frac{3}{4}$ " (19 mm) long bolts and nuts. Tighten securely. (See Figure 1 for HT-ER1 or Figure 2 for HT-SR1).
5. **Cut waste tube to required length** using plumbing hardware and trap (not provided) as a guide. Install hardware and trap. Tighten securely.
6. **Make connection between remote chiller outlet tube and fountain Y-Strainer.** Insert water line to positive stop approx.  $\frac{3}{4}$ " (19 mm). (See Fig. 4 & 5 on page 9)
7. **Open service valve and operate the fountain valve** to purge air from the system. Check thoroughly for leaks.
8. **Make electrical connections to the chiller.** See chiller instructions. Reinstall bottom access panel.
9. **Check stream height from bubbler.** Stream height is factory set at 45 - 50 PSI. If supply pressure varies greatly from this, adjust screw on regulator (Item 13). Clockwise adjustment will raise stream height and CCW adjustment will lower stream height. For best adjustment stream height should be approximately  $1\frac{1}{2}$ " (38 mm) above the bubbler guard. (See Fig. 6 on page 9)
10. **Water Valve Mechanism - Adjustment Procedure:**
  - Turn adjustment screw (Item #7) "Counter-Clock-Wise" until water flow from bubbler starts.
  - Turn adjustment screw "Clockwise" until water flow stops, Then turn an additional 1/2 turn.
11. **To mount lower panel,** loosen the two (2) #10 - 24 x  $\frac{5}{8}$ " (16 mm) screws at frame bottom lip (See Figure 1 for model HT-ER1 or Figure 2 for model HT-SR1). 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.

# HT-ER1 BARRIER-FREE COOLER INSTALLATION

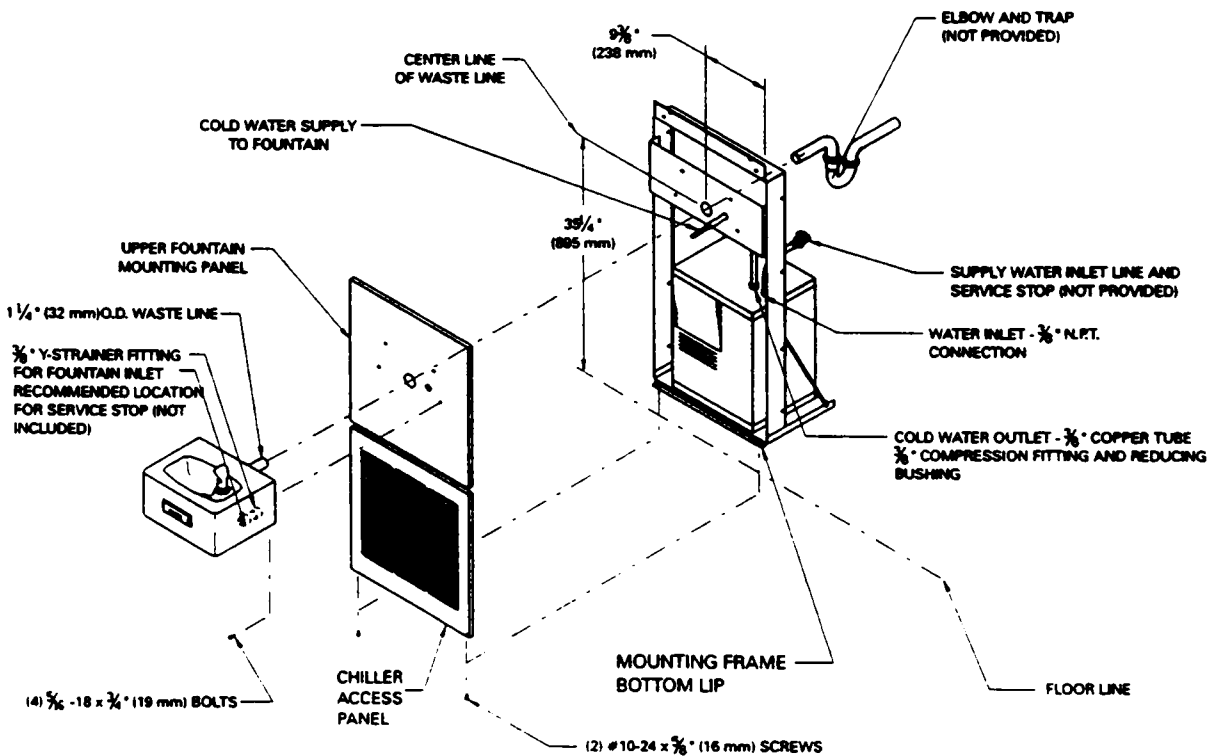


OPERATING PRESSURE:  
Supply water - 90 PSI Maximum

When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

FIG. 1

# HT-SR1 FACE MOUNTED COOLER INSTALLATION



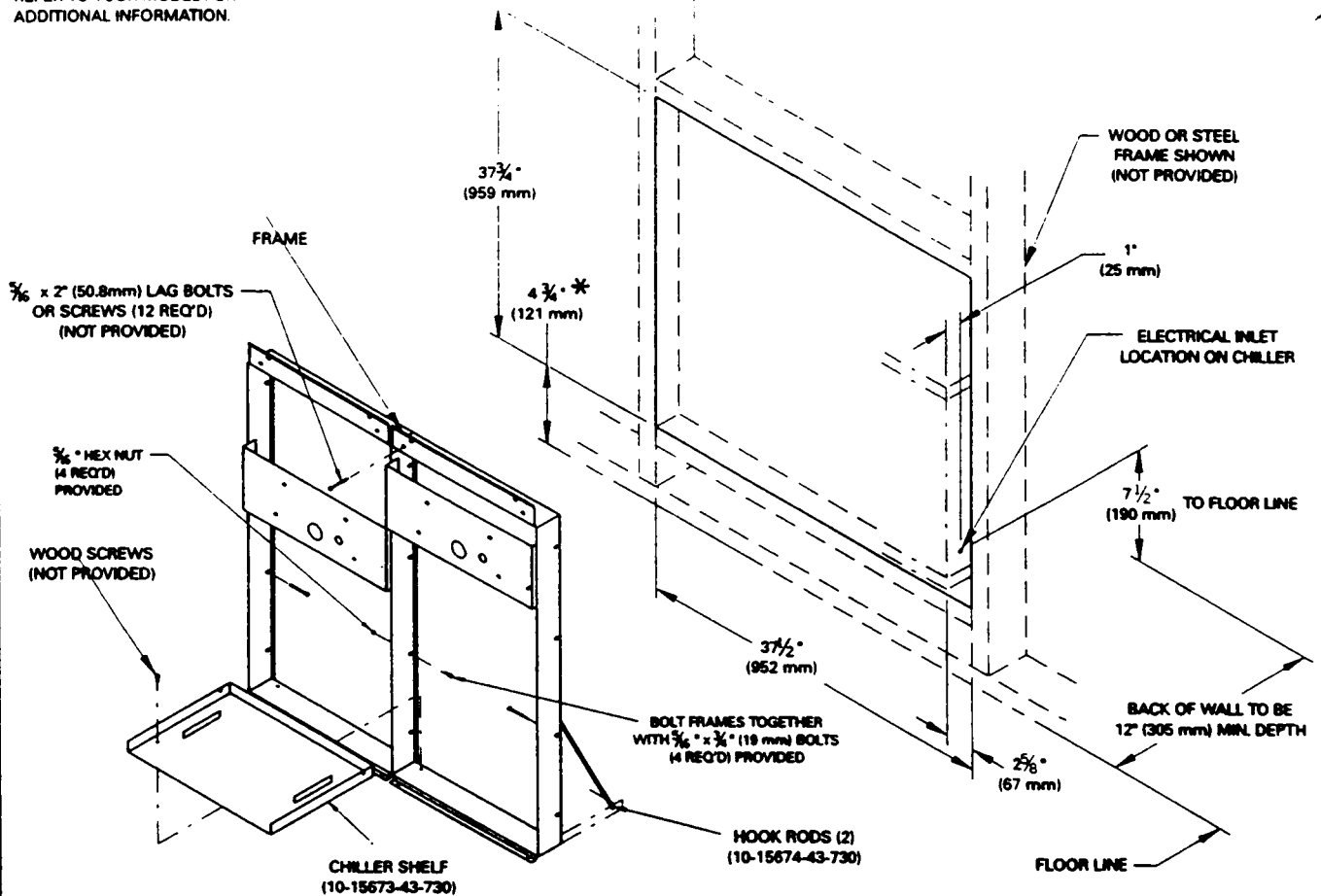
OPERATING PRESSURE:  
Supply water - 90 PSI Maximum

When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

FIG. 2

ACTUAL FRAME MAY VARY FROM THE ONE ILLUSTRATED. REFER TO YOUR MODEL FOR ADDITIONAL INFORMATION.

# HT-ESR1 MOUNTING FRAME INSTRUCTIONS

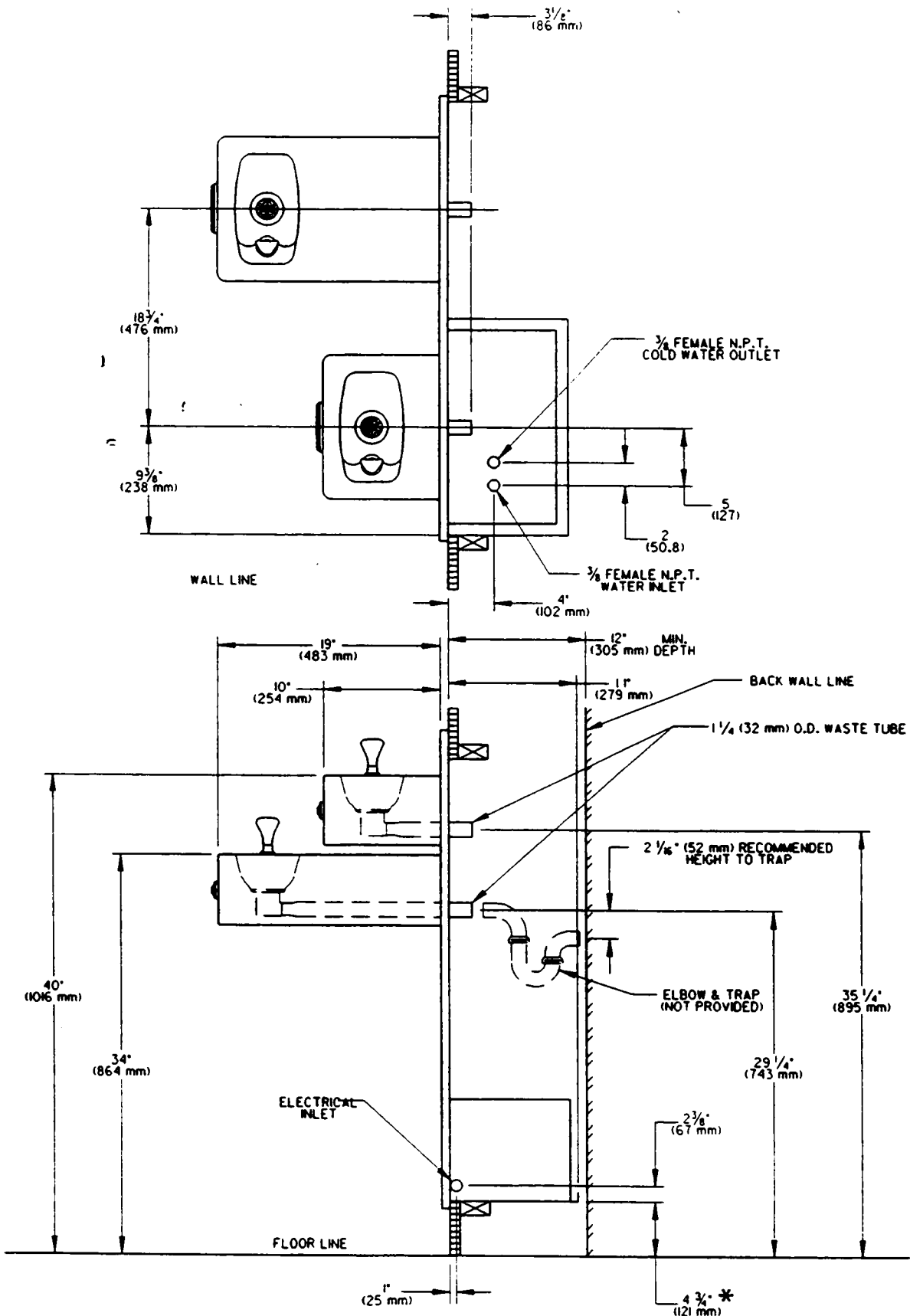


\*  $4\frac{3}{4}$ " (121 mm) required to obtain a projector orifice height of  $35\frac{3}{4}$ " (908 mm) for wheelchair users. When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

ILLUSTRATION D

- Cut a square rectangular wall opening**  $37\frac{1}{2}$ " (952 mm)W x  $37\frac{3}{4}$ " (959 mm) H and  $4\frac{3}{4}$ " (121 mm) above the floor line. These dimensions are required to obtain proper rim and projector heights for compliance with ANSI Standard A117.1 (See Illustration D).
- Reinforce the wall opening on all sides** so that it will adequately support the water fountain. This reinforcement must support up to 150 pounds static load and provides 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. A minimum of 4" (102 mm) is required. (See Illustrations D and E).
- Install plumbing and electrical rough-ins.** See Illustration E for location of the supply water inlet to chiller and for the location of waste water outlet. 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). See Illustration D for the electrical inlet location.
- Remove frame assembly and related hardware** from packaging. Attach the two frames together through the upright supports with (4)  $\frac{5}{16}$ " x  $\frac{3}{4}$ " (19 mm) long bolts and nuts (provided). Tighten securely (See Illustration D).  
**NOTE:** Frame with higher upper frame channel should be on the right side.
- Install the frame assembly** squarely in the wall opening with the frame upright support edges flush with the finished wall face. Secure the frame to the wall through holes with twelve (12)  $\frac{5}{16}$ " x 2" (51 mm) long lag bolts or screws (not provided). Tighten securely.  
**NOTE:** Be sure that frame is squared in location. Do not use less than required screw qty and size.
- 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 two side holes. Line up the other shelf holes with the frame bottom holes and fasten the assembly to the wall using appropriately sized wood screws or bolts and nuts (not provided). See Illustration D.

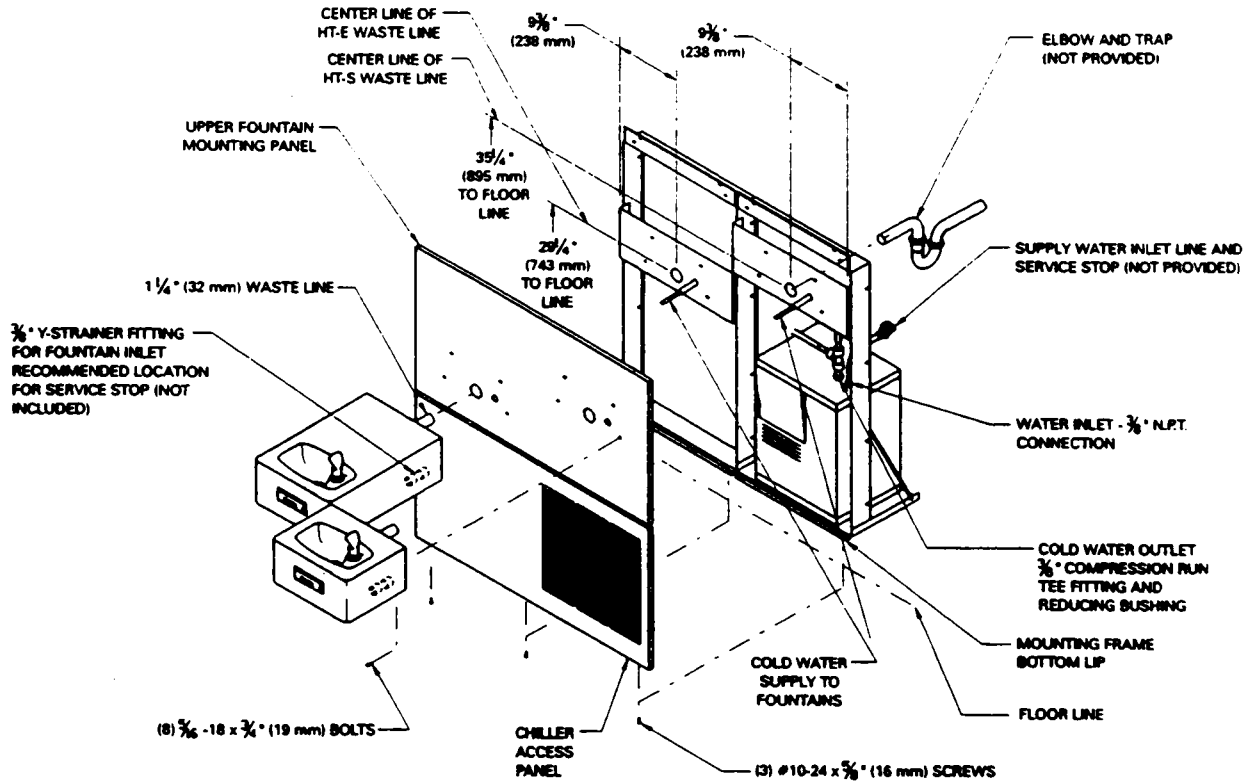
# HT-ESR1 MODEL FOUNTAIN



\*  $4\frac{3}{4}''$  (121 mm) required to obtain a projector orifice height of  $35\frac{3}{4}''$  (908 mm) for wheelchair users. When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

ILLUSTRATION E

# HT-ESR1 BARRIER-FREE BI-LEVEL COOLER INSTALLATION



OPERATING PRESSURE:  
Supply water - 90 PSI Maximum

When installing this unit, LOCAL, STATE and FEDERAL CODES should be adhered to and dimensions adjusted accordingly.

FIG. 3

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 base. **NOTE:** Building construction must allow for adequate air flow on both sides, top and back of chiller. A minimum of 4" (102 mm) on both sides and top is required. See chiller instructions for additional instructions.
2. Make water supply connections. Refer to Figure 3. Attach a water inlet line and a service stop (not provided) to the chiller. Inlet port is marked on the chiller (3/8" female N.P.T.). Run two (2) 3/8" copper tubes from the chiller outlet through the holes in the frame assembly. Insulate both tubes with provided insulation.
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 (See Figure 3).
4. Install fountains. Remove access cover plate on underside of fountains and save the screws. Install the fountains to the upper panel and the wall frame with four (4) provided 5/16" x 3/4" (19 mm) long bolts and nuts each. (See Figure 3). Tighten securely. **NOTE:** The short fountain should be mounted to the upper right hand side of the panel.
5. Cut waste tubes to required length using plumbing hardware and trap (not provided) as a guide. Install hardware and traps. Tighten securely.
6. Make connection between remote chiller outlet tubes and fountain Y-Strainer. Insert water line to positive stop approximately 3/4" (19 mm). (See figure 4 & 5, page 9)
7. Open service valve and operate the fountain valves to purge air from the system. Check thoroughly for leaks.
8. Make electrical connections to the chiller. See chiller instructions. Reinstall bottom access panel.
9. Check stream height from bubbler. Stream height is factory set at 45 - 50 PSI. If supply pressure varies greatly from this, adjust screw on regulator (Item 13). Clockwise adjustment will raise stream height and CCW adjustment will lower stream height. For best adjustment stream height should be approximately 1 1/2" (38 mm) above the bubbler guard. (See Figure 6 on page 9)
10. Water Valve Mechanism - ADJUSTMENT PROCEDURE:
  - Turn adjustment screw (Item #7) "Counter-Clock-Wise" until water flow from bubbler starts.
  - Turn adjustment screw "Clockwise" until water flow stops, Then turn an additional 1/2 turn.
11. To mount lower panel, start two (2) #10-24 x 5/8" (16 mm) at frame bottom lip (See Figure 3). Slide upper tongue of lower panel under lower edge of already installed upper panel. Finish tightening previously started screws. Tighten securely.
12. Replace bottom access panel to fountain basins using screws provided. Tighten securely.



# PUSH BAR MECHANISM

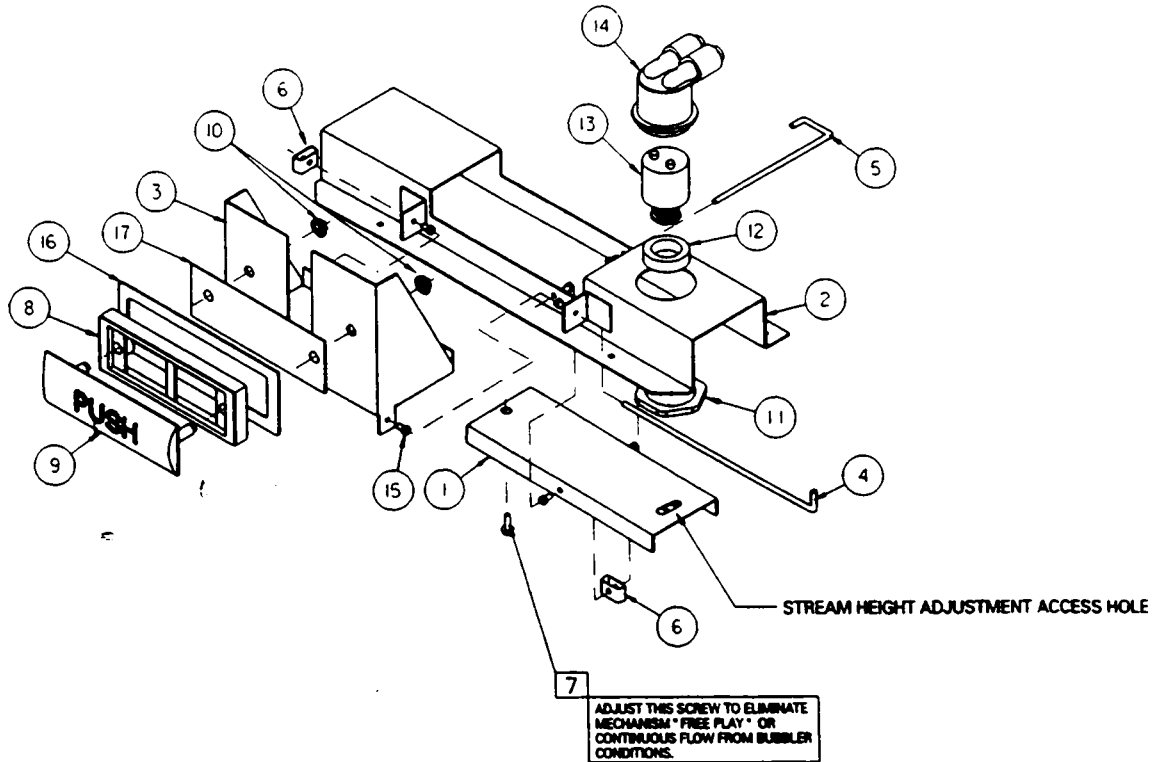


FIG. 7

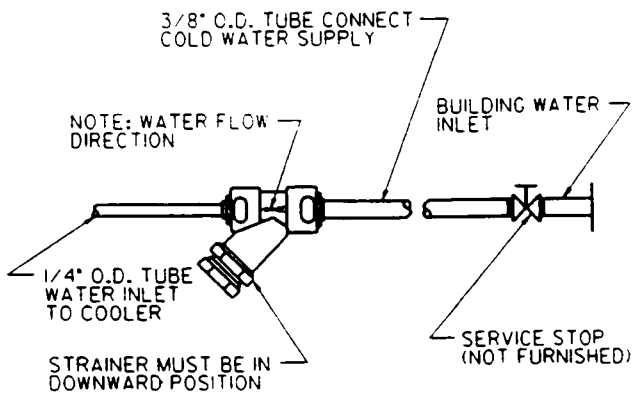


FIG. 5

ITEM NO.	PART NO.	DESCRIPTION
1	26936C	Push Lever Assy
2	26935C	Mounting Bracket Assy
3	27237C	Bracket - Pushbar, Assy
4	75517C	Rod - Lever
5	70378C	Rod - Pushbar
6	70283C	Spring Clip
7	70856C	Screw - #10-24 x .38 PHMS
8	55859C	Pushbar - Side & Front
9	101514331640	Insert - Pushbar
10	111411743620	Nut - 1/4, Self Thread
11	40045C	Hex Nut - Reg.
12	10031C	Retaining nut - Reg.
13	61313C	Regulator
14	50985C	Holder - Regulator
15	50198C	Bushing - Snap
16	55899C	Pad - Window Fill
17	27073C	Plate - Backing

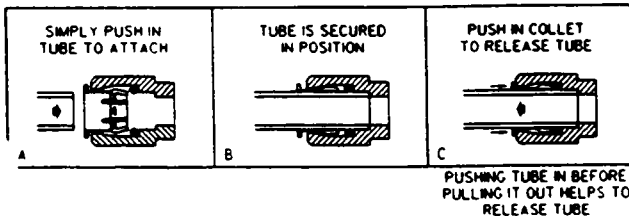


FIG. 4

## CORRECT STREAM HEIGHT

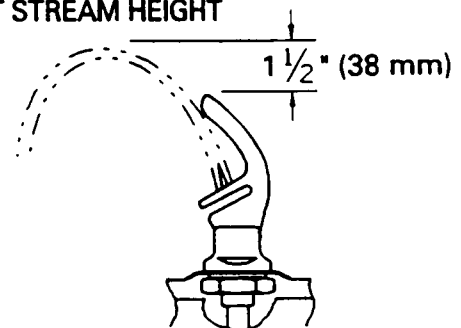
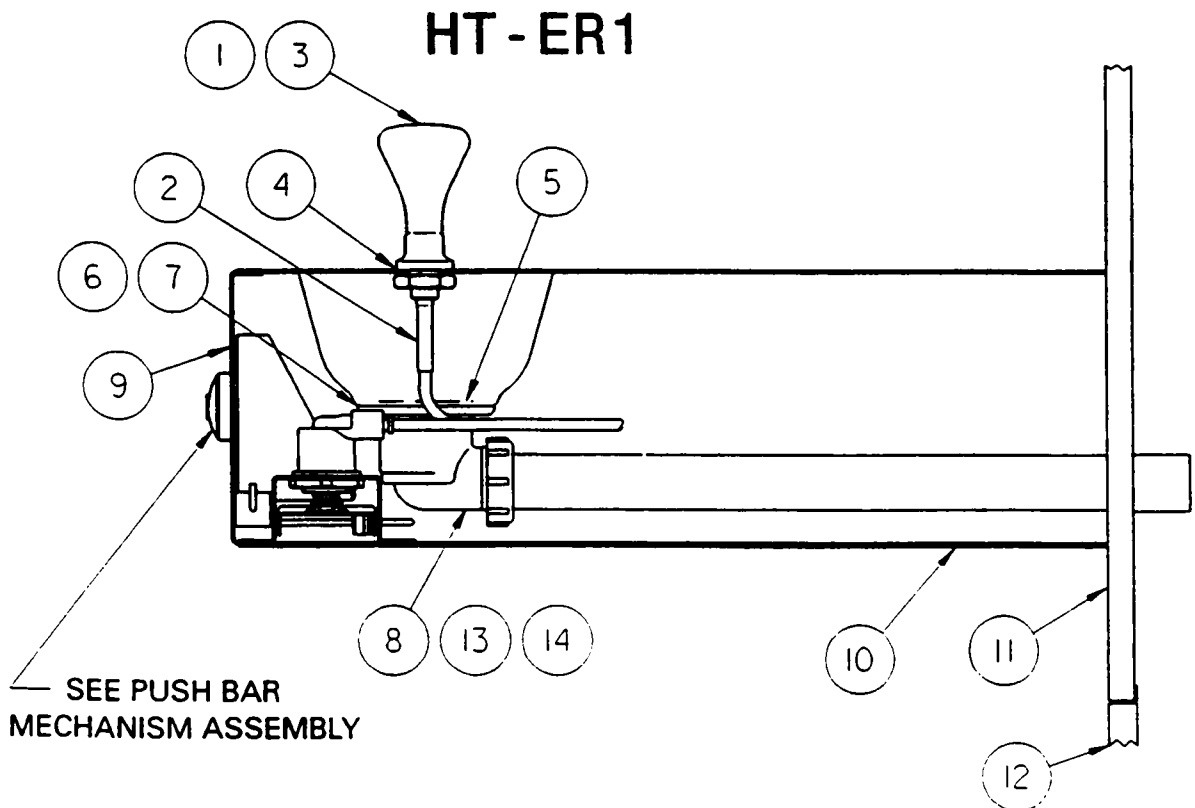
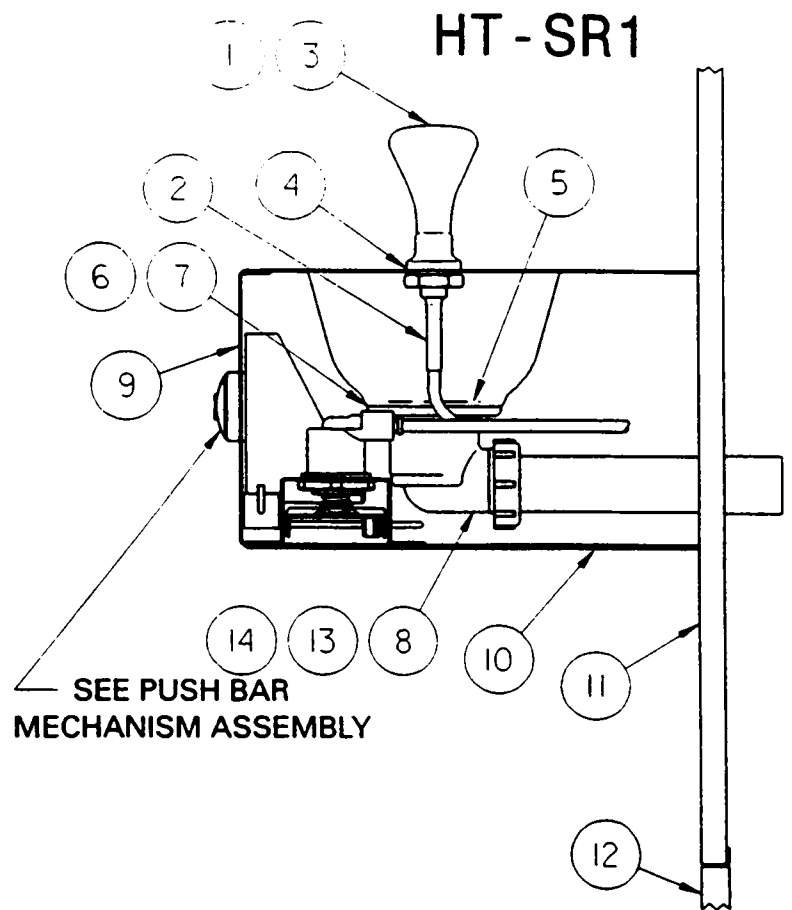


FIG. 6



## ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	101422831920	Bubbler - Chrome
	101422831450	Bubbler - Golden Bronzetone
2	66318C	Tube Assembly - Bubbler
3	10080C	Nipple - Bubbler ( Included with Item No. 2
4	100322740560	Gasket - Bubbler (2 Req'd)
5	160270508640	Strainer Plate - Chrome
	410270508450	Strainer Plate - Golden Bronzetone
6	161637308640	Drain Plug
	411637308450	Drain Plug - Golden Bronzetone
7	100147140560	Gasket - Drain
8	66346C	Tube - Waste (HT-EBP1)
	66343C	Tube - Waste(HT-SBP1)
9	26868C	Basin - Stainless Steel (HT-EBP1)
	26869C	Basin - Golden Bronzetone (HT-EBP1)
	26870C	Basin - Stainless Steel (HT-SBP1)
	26871C	Basin - Golden Bronzetone (HT-SBP1)
10	23001C	Cover - Bottom (HT-EBP1)
	23002C	Cover - Bottom (HT-SBP1)
11	23189C	Upper Panel - Stainless Steel (HT-ER1)
	23190C	Upper Panel - Golden Bronzetone (HT-ER1)
	23187C	Upper Panel - Stainless Steel (HT-SR1)
	23188C	Upper Panel - Golden Bronzetone (HT-SR1)
	23183C	Upper Panel - Stainless Steel (HT-ESR1)
12	23184C	Upper Panel - Golden bronzetone (HT-ESR1)
	401568342830	Lower Panel - Stainless Steel (HT-ER1 & HT-SR1)
	411568342450	Lower Panel - Golden Bronzetone (HT-ER1 & HT-ES1)
	401568242830	Lower Panel - Stainless Steel (HT-ERS1)
13	411568242450	Lower Panel - Golden Bronzetone (HT-ERS1)
	55884C	Elbow - Drain
14	55885C	Nut 1-1/4 Slip Joint
NOT SHOWN	110711942550	Screw - Truss 8-32 x 3/8
NOT SHOWN	70055C	Nut - Speed
NOT SHOWN	70788C	Y - Strainer (See Page 9, Figure 5)

# CAUTION

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

***Halsey Taylor***®

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