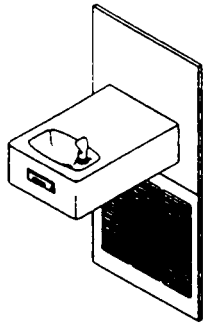
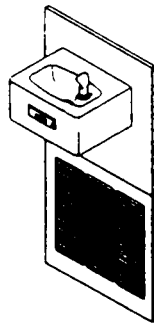


Halsey Taylor Owners Manual

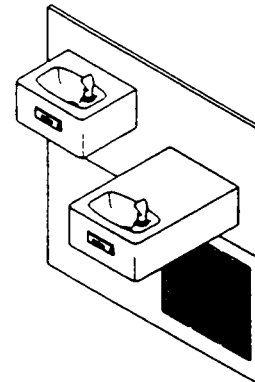
Models: HT-ER, HT-SR, HT-SER
Refrigerated Fountains with Back Panels



HT-ER



HT-SR



HT-SER

Installation: HT-ER/SR Page 2
Installation: HT-SER Page 6
Parts List: Page 11
Care of Bronzestone Models Page 12

Installer

These series fountains are among the easiest to install fountains on the market today. 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

HT-ER/SR MOUNTING FRAME INSTRUCTIONS

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

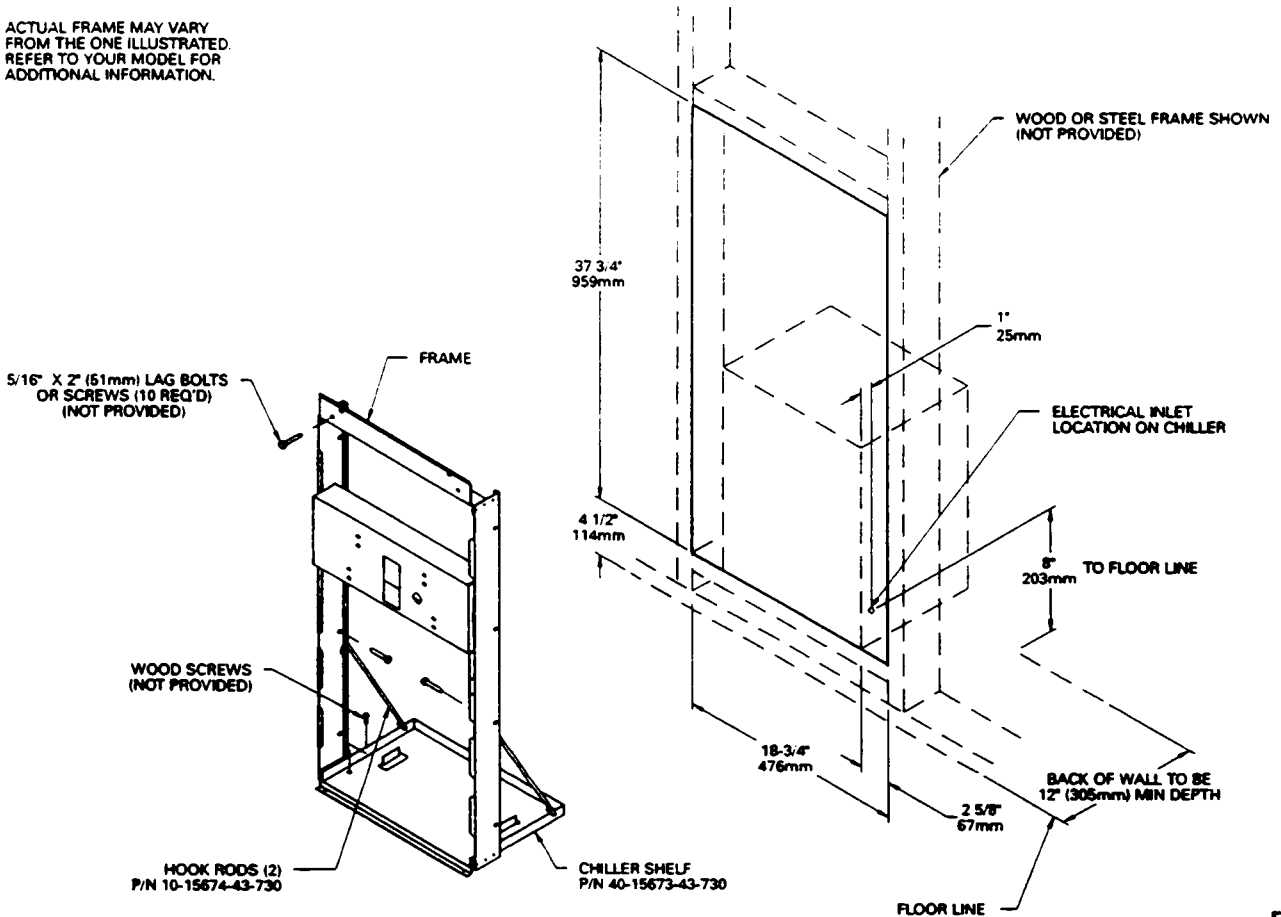


FIG. 1

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. (See Figure 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. (See Figures 1 & 4)
3. Install plumbing and electrical rough-ins. See Figure 4 for location of the supply water inlet to chiller and for the location of the 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 Figure 1 for the electrical inlet location.
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. (See Figure 1) 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 wood screws (not provided), fasten the shelf and frame to bottom of wall opening. (See Figure 1) Secure the frame sides and top to the wall using (10) 5/16" x 2" lag 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.

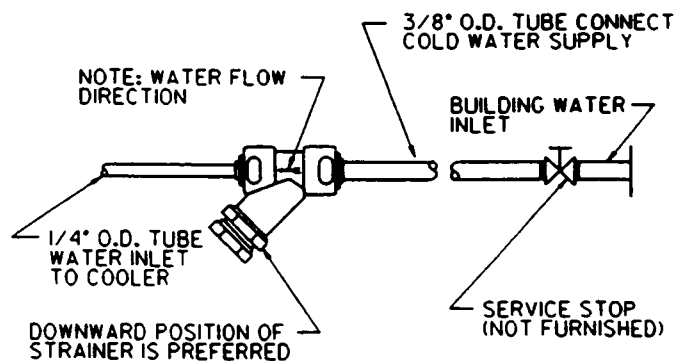
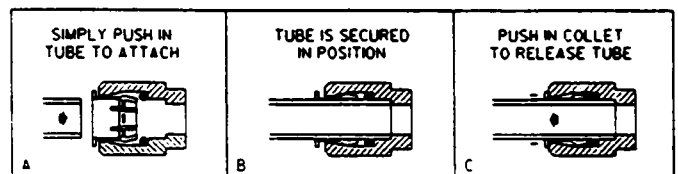


FIG. 2

OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

FIG. 3

MODEL HT-ER

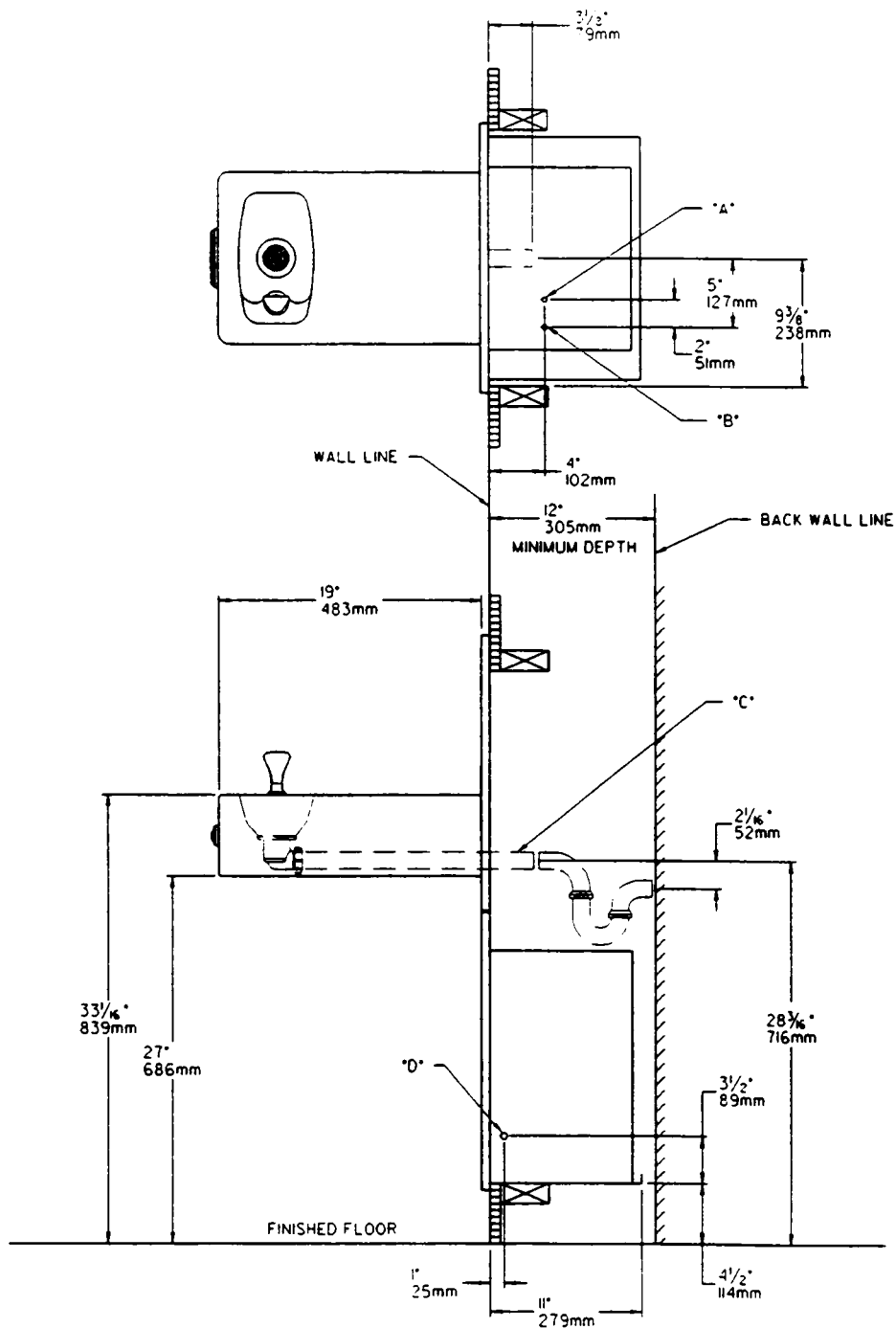


FIG. 4

LEGEND:

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

MODEL HT-SR

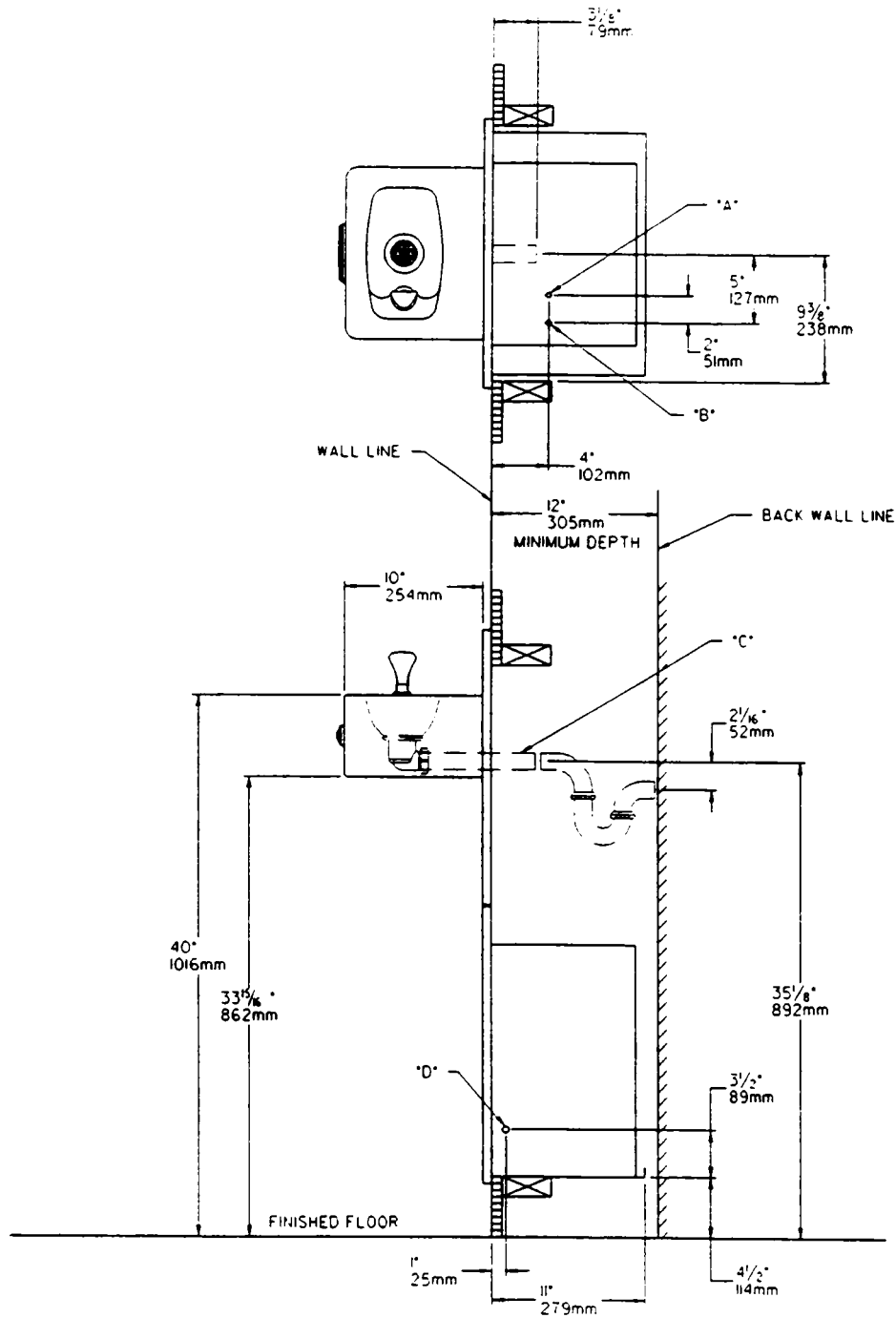


FIG. 5

LEGEND:

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

HT-ER/SR 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 union (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 fountain.** Remove access cover plate on underside of fountain and save the screws. Mount the fountain to the upper panel and the wall frame with (4) 5/16" x 3/4" (19mm) long bolts and nuts (provided). Tighten securely.
- 5. Cut waste tube to required length** using plumbing hardware and trap as a guide. Install hardware and trap. Tighten securely.
- 6. Make connection between remote chiller outlet tube and fountain Y-strainer.** Insert the water inlet line into inlet side of Y-strainer by pushing it in until it reaches a positive stop, approximately 3/4" (19mm).
- 7. Open service valve and operate the fountain valve** 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 9). Clockwise adjustment will raise stream height and counter-clockwise 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 (Item 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 panel** to fountain basin using screws provided. Tighten securely.

HT-SER MOUNTING FRAME INSTRUCTIONS

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

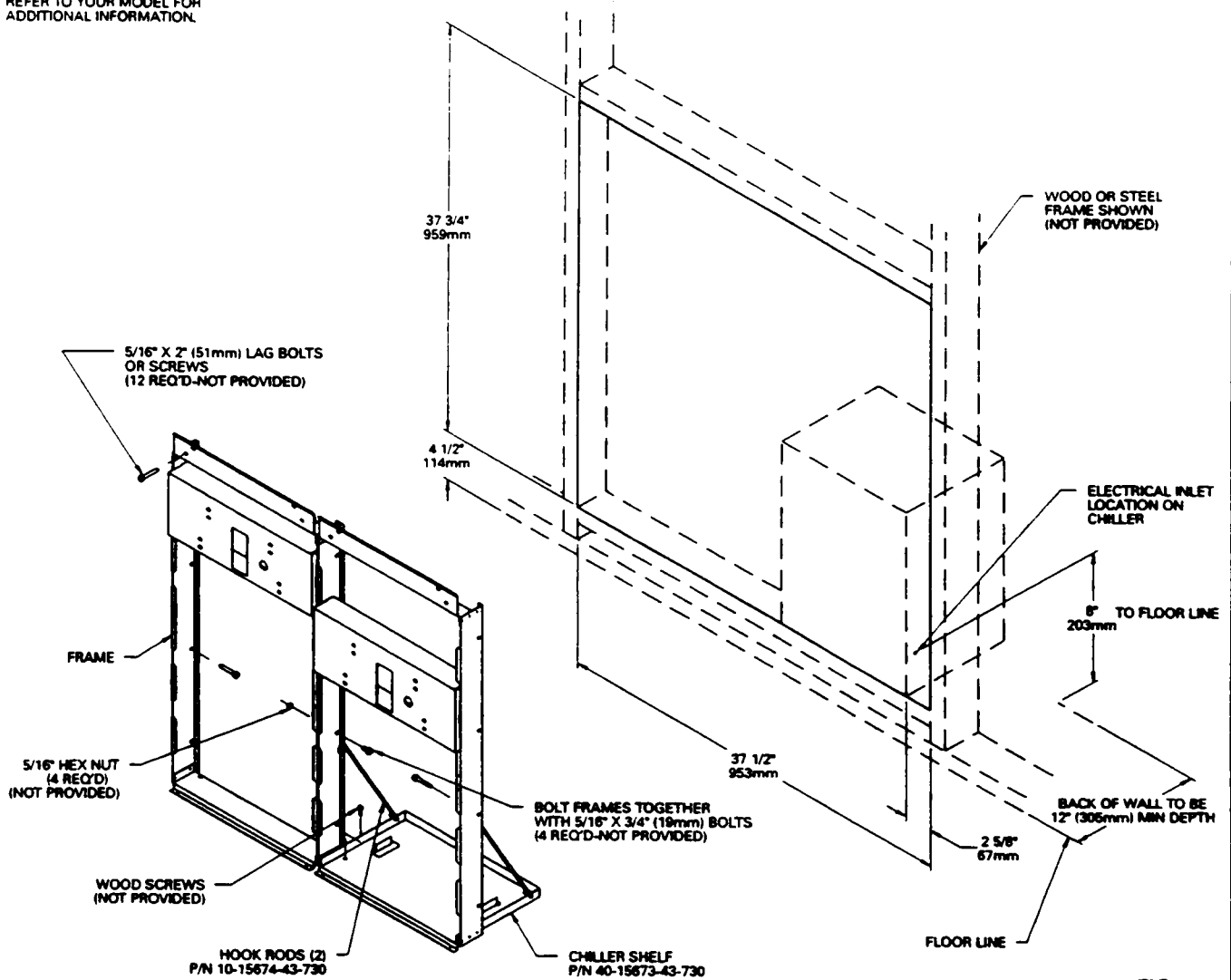


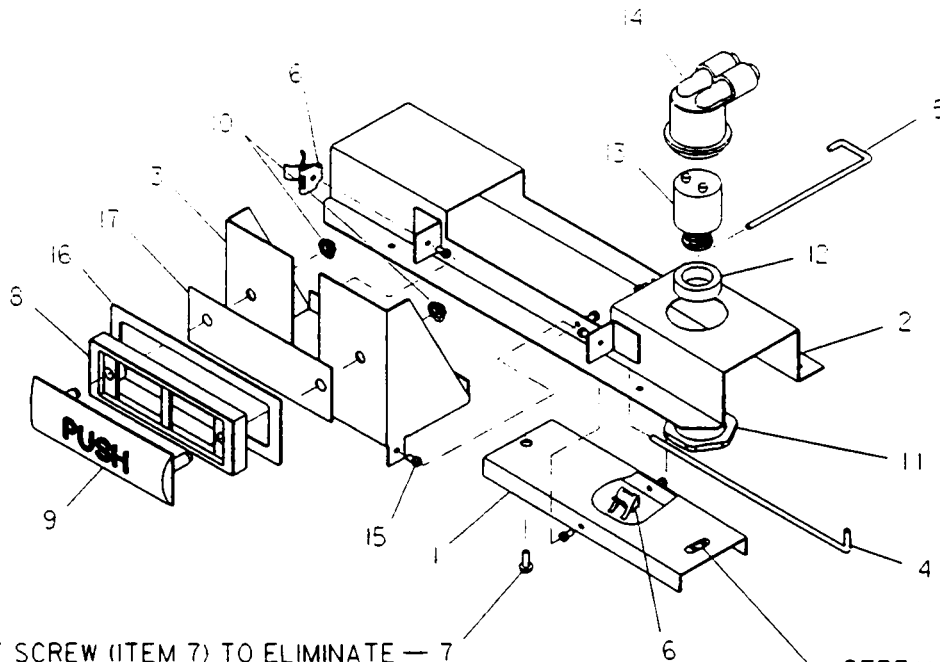
FIG. 6

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. (See Figure 6)
2. **Reinforce the wall opening on all sides so that it will adequately support the frame 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. (See Figures 6 & 7)
3. **Install plumbing and electrical rough-ins.** See Figure 7 for location of the supply water inlet to chiller and for the location of the 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 Figure 7 for the electrical inlet location.
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 (not provided). Tighten securely.
NOTE: Frame with higher upper channel to be on left side.
5. **Install 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" x 2" (51mm) 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 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 wood screws or bolts and nuts (not provided). See Figure 6.

HT-SER 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: 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 Y-strainer.** Insert the water inlet line into inlet side of Y-strainer by pushing it in until it reaches a positive stop, approximately 3/4" (19mm).
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 9). 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 (Item 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.

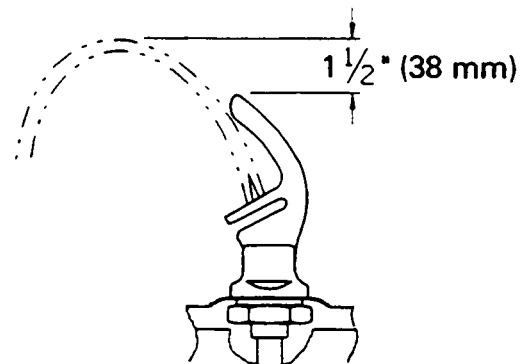
PUSH BAR MECHANISM



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

STREAM HEIGHT ADJUSTMENT
ACCESS HOLE

ITEM NO.	PART NO.	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	10031C	Regulator Retaining Nut
13	61313C	Regulator
14	50985C	Regulator Holder
15	50198C	Snap Bushing
16	55899C	Pad - Window Filler
17	27073C	Backing Plate

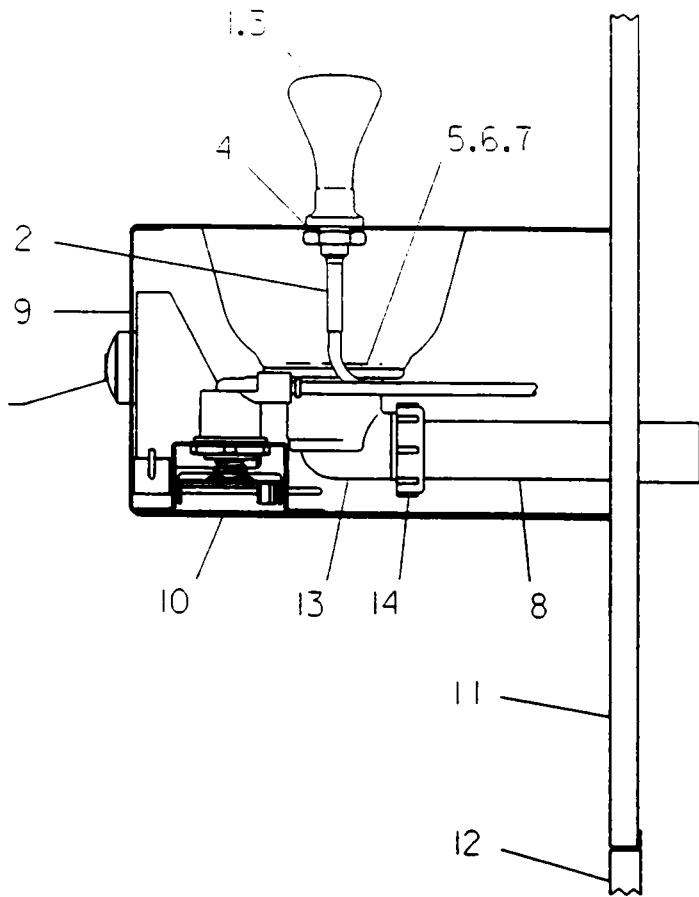


CORRECT STREAM HEIGHT

FIG. 8

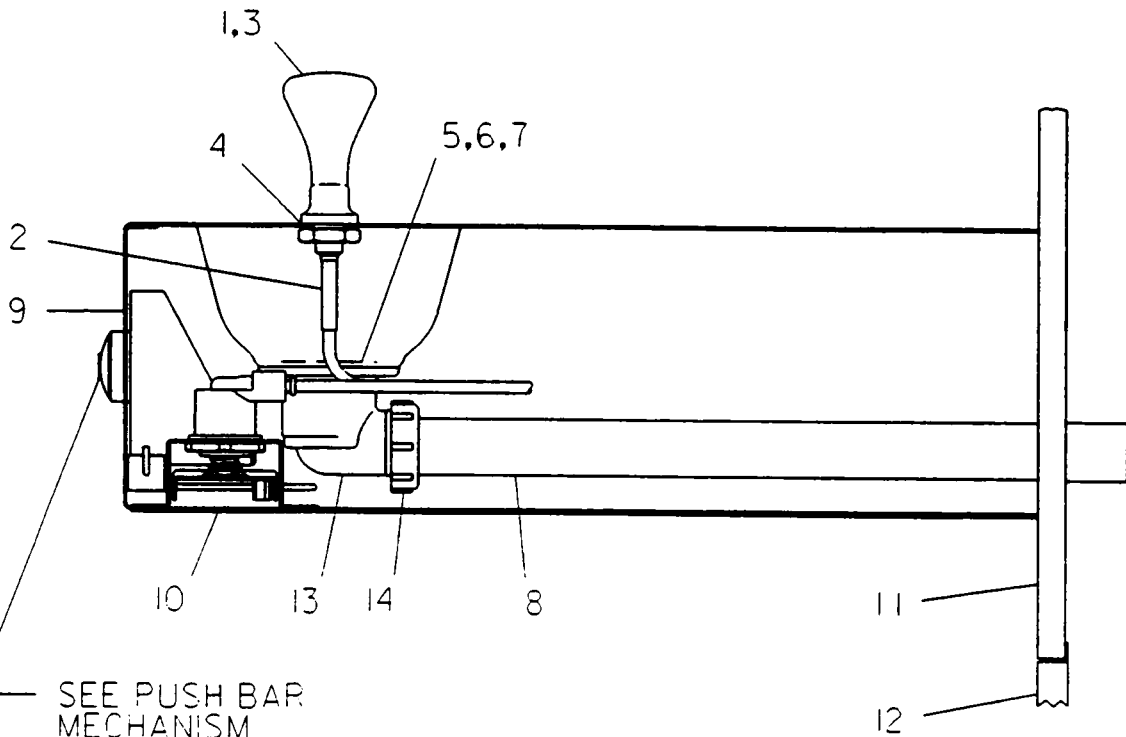
MODEL HT-SR

SEE PUSH BAR
MECHANISM
(PAGE 9)



MODEL HT-ER

SEE PUSH BAR
MECHANISM
(PAGE 9)



ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	51546C	Bubbler - Satin
	51545C	Bubbler - Golden Bronzestone
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
	410270508450	Strainer Plate - Golden Bronzestone
6	161637308640	Drain Plug
	411637308450	Drain Plug - Golden Bronzestone
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 Bronzestone (HT-ER)
	26870C	Basin - Stainless Steel (HT-SR)
	26871C	Basin - Golden Bronzestone (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 Bronzestone (HT-ER)
	26835C	Upper Panel - Stainless Steel (HT-SR)
	26836C	Upper Panel - Golden Bronzestone (HT-SR)
	26839C	Upper Panel - Stainless Steel (HT-SER)
	26840C	Upper Panel - Golden bronzestone (HT-SER)
12	26833C	Lower Panel - Stainless Steel (HT-ER & HT-SR)
	26834C	Lower Panel - Golden Bronzestone (HT-ER1 & HT-SR)
	27026C	Lower Panel - Stainless Steel (HT-SER)
	27027C	Lower Panel - Golden Bronzestone (HT-SER)
13	55884C	Elbow - Drain
14	55885C	Nut 1-1/4 Slip Joint
	110711942550	Screw - Truss 8-32 x 3/8
	70055C	Nut - Speed
	70788C	Y - Strainer (See Page 9, Figure 5)

TROUBLE SHOOTING & MAINTENANCE

1. **Bubbler:** Mineral deposits on orifices can cause water flow to spurt or not regulate. Deposits may be removed from orifices with a small round file not over 1/8" dia. or small diameter wire
2. **Stream Regulator:** If orifice is free of material deposits, regulate flow as in instruction on page 5.
3. **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 3**). To insert tubing, push tube straight into the fitting until it reaches a positive stop, approximately 3/4".
4. **CAUTION: Cleaning of Bronzitone 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 Bronzitone finish.

Halsey Taylor

2222 CAMDEN COURT
OAK BROOK, IL 60251
630.574.3500

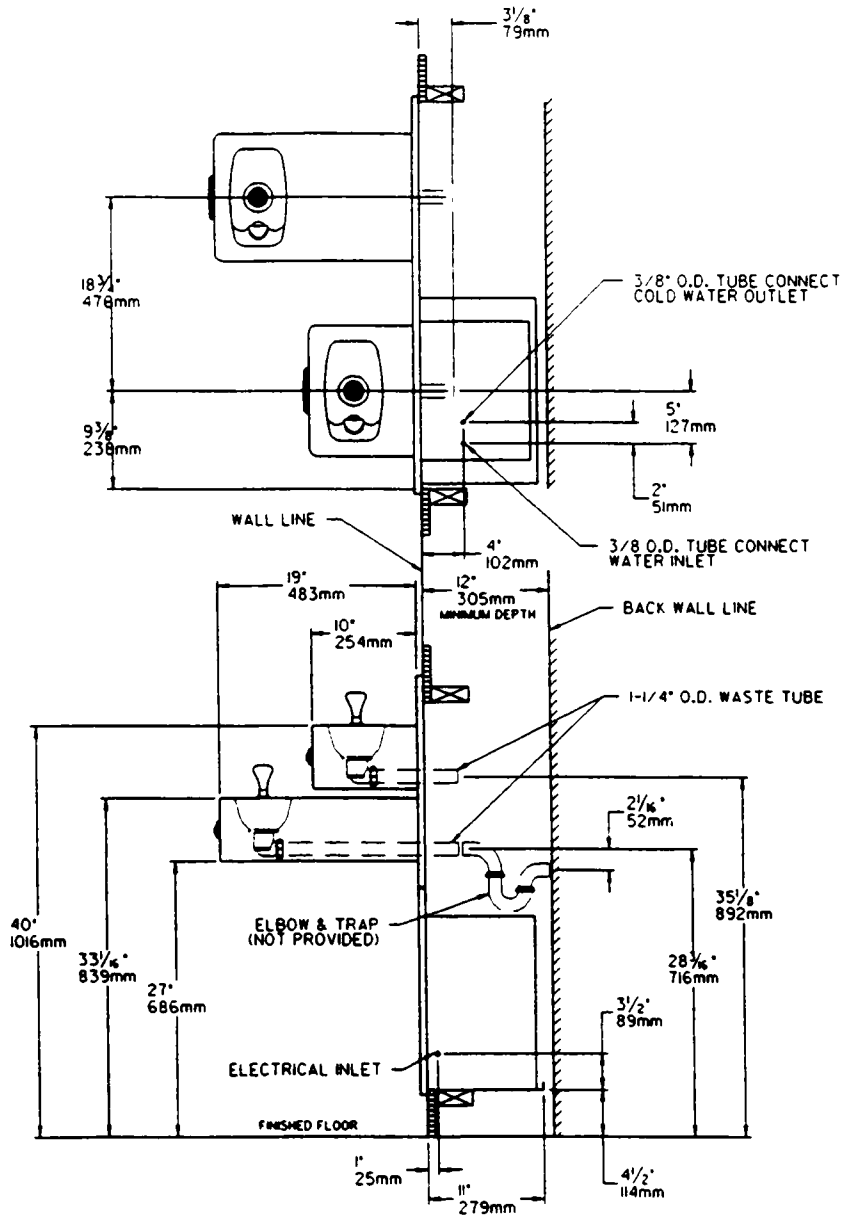
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FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620

PAGE 12

96957C

**INSTALLATION INSTRUCTION HT-ESR1 MODEL FOUNTAIN
ADDENDUM TO 96957C**



ITEMIZED PARTS LIST--Same as 96957C page 11, except for following part:		
ITEM NO.	PART NO.	DESCRIPTION
11	27028C	Upper Panel-Stainless Steel
11	27260C	Upper Panel-Golden Bronzestone

Halsey Taylor [®]

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OAK BROOK, IL 60521
630.574.3500

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HT-ESR1 BARRIER-FREE BI-LEVEL COOLER INSTALLATION

