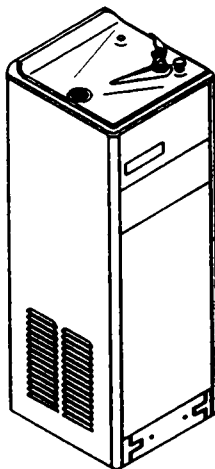


Halsey Taylor Owners Manual

XP8W-Q

(USES HFC 134A REFRIGERANT)

GLASS FILLER COMPATIBLE: See CAUTIONS in item 6 below.



Installer

The XP series coolers are among the easiest to install Floor Models 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 cooler for future reference.

IMPORTANT

ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON

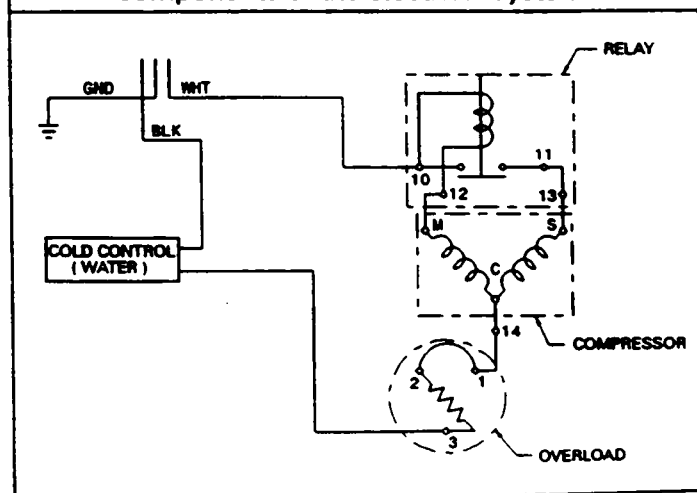
1. Insure proper ventilation by maintaining 4" (min.) clearance from cabinet louvers to wall on each side of cooler.
2. Water supply 3/8" IPS. Waste 1-1/4" IPS. Contractor to supply waste trap and service stop valve in accordance with local codes.
3. Connecting lines should be thoroughly flushed to remove all foreign matter before being connected to cooler. This cooler is manufactured in such a manner that it does not in any way cause taste, odor, color or sediment problems. If a taste, odor or sediment problem is prevalent, try installing our water filter module, Part No. 73-15242-51-550, on the supply line.
4. Electrical: Insure power supply is identical in voltage, cycle and phase to that specified on the cooler data plate. NEVER wire compressor directly to the power supply.
5. For TROUBLE SHOOTING AND MAINTENANCE GUIDE, see page 4.
6. Halsey Taylor has glass fillers and glass filler plumbing kits specifically designed for use in your water cooler. Check local listings for a Halsey Taylor dealer near you.

WARNING: Warranty is voided if:

- The plumbing kit or glass filler is not specified for use by Halsey Taylor for this particular model.
- Installation is not made in accordance with current Halsey Taylor instructions.

WIRING DIAGRAM

This drawing is merely for illustrating the components of the electrical system.



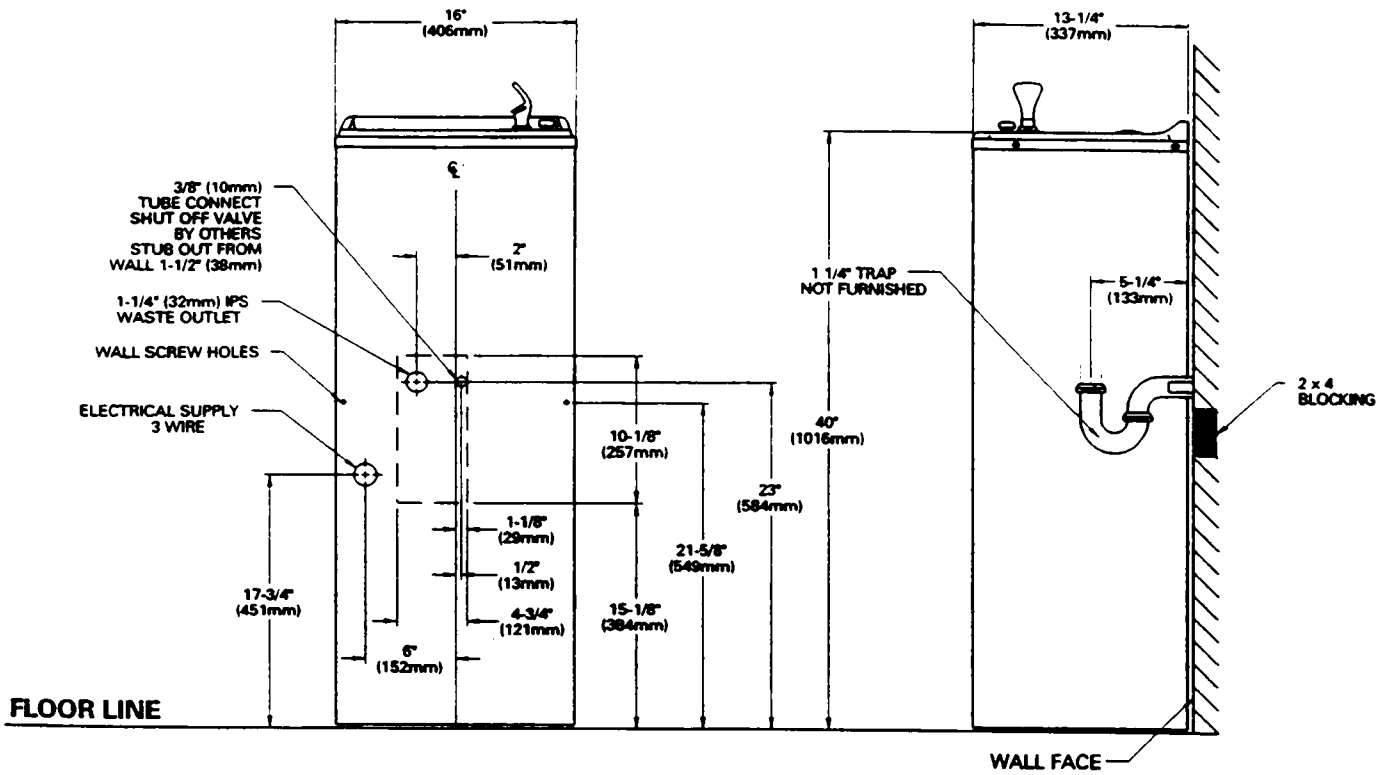


FIG. 1

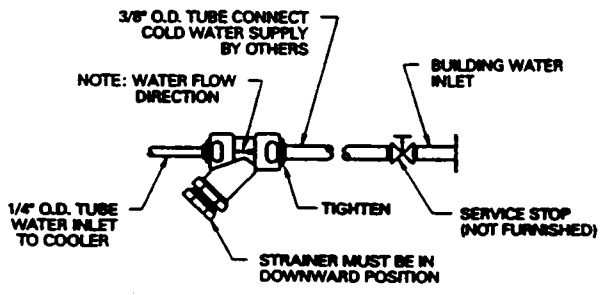


FIG. 2A

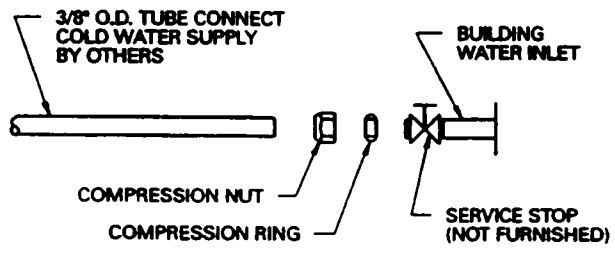


FIG. 2B

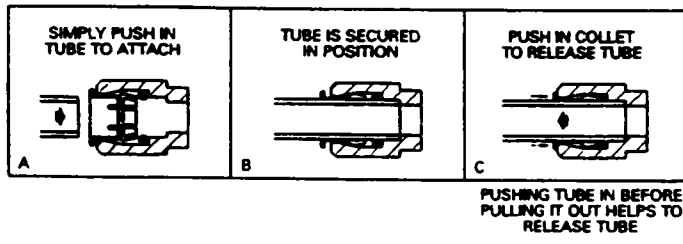


FIG. 3

TRAP INSTALLATION

- 1). Mount the trap as shown in Figure 1. (trap not furnished)
 - A) Against the wall installation: Dimension from the wall to the centerline of trap must be maintained for proper fit.
 - B) Free standing installation: Install trap inside of the cooler cabinet and exit plumbing thru the opening provided on the rear of the cabinet.
- NOTE:** With slight modifications, rough-in heights from 16-1/2" to 24-3/8" can be accommodated. 2" maximum may be cut from the tail piece provided.

IMPORTANT:

- 5-1/4 in. dimension from back of unit to centerline of trap must be maintained for proper fit.

- 2). Install 3/8" IPS. female x 3/8" compression straight service stop to building water inlet stub. (service stop not furnished)

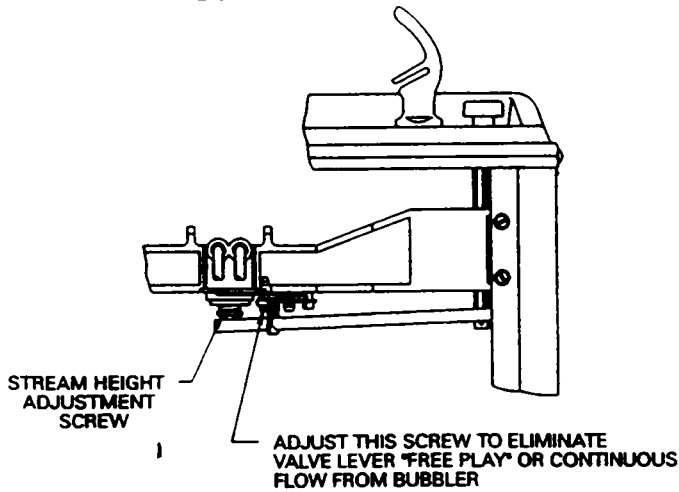
INSTALLATION OF COOLER

- 3). Remove the two (2) screws and toe plate at bottom of the cooler. Then remove the two (2) screws and the front panel and set aside.
- 4). Remove the slip nut and gasket from 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.
- 5). Connect cooler to building supply line with a shut-off valve and install a 3/8" O.D. water line between the valve and the cooler. Remove any burrs from outside of water line. Loosen nut on inlet side of Y-strainer (see Fig. 2A) and insert 3/8" O.D. water line to a positive stop - approx. 3/4". (see Fig. 3) Finger tighten nut to lock tubing in place. (see Fig. 2A)

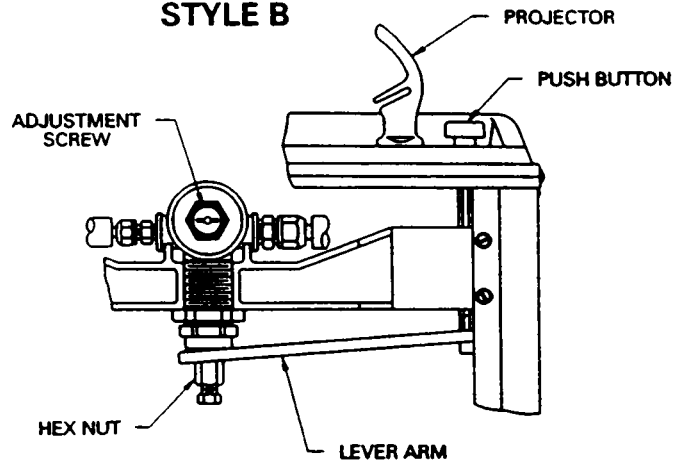
NOTE: If required, the 1/4" O.D. water inlet line to cooler may be cut to a desired length. However, if water line is cut, all burrs must be removed from outside of tube before it is inserted into the Y-strainer.
- 6). If "Y" strainer is not provided, connect 3/8" O.D. tubing directly to the service stop as shown in Fig. 2B.

PUSH BUTTON VALVE ADJUSTMENT

STYLE A



STYLE B



If water trickles from the projector, turn the hex nut to tighten the lever arm.

To adjust the stream height, depress the push button and turn the adjustment screw.

FIG. 4

START UP

- 7) Turn on the building water supply and check all connections for leaks.
- 8) Depress push button until all air is bled from cooler water system. A steady stream flow assures all air is removed.
- 9) Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, readjust stream height to approximately 1-1/2" above the bubbler guard by turning adjustment screw on regulator. (See push button valve adjustment - Fig. 4 - for style A or B)
- 10) Recheck all water and drain connections with water flowing through system.
- 11) Connect to electrical power.
- 12) Replace the front panel and secure by replacing the two (2) screws. Then replace the toe plate and its two (2) screws and tighten securely.

CONDENSER WATER VALVE ADJUSTMENT

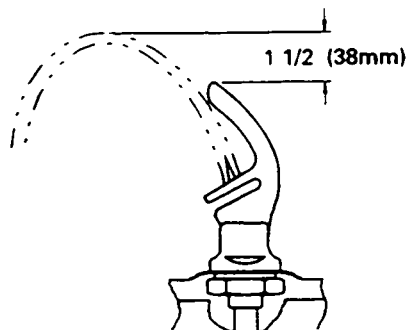
The condenser water valve is factory preset for a condenser water outlet temperature of 95° to 100° F. If actual temperature varies greatly from this, readjust water flow rate at the valve using the following procedure:

1. START UP COMPRESSOR

This can be accomplished by depressing the cooler push button (see page 4 - item no.3). Keep water running during the entire readjustment procedure.

2. ADJUST CONDENSER WATER VALVE

Adjust valve by rotating adjustment stem (see Fig.6 below). Rotating stem clockwise will increase water flow. Counter-clockwise rotation will decrease water flow. Increasing water flow will result in a lower condenser outlet temperature, while decreasing water flow will result in a higher outlet temperature. Proper adjustment is attained when condenser outlet temperature is 95° to 100° F.



CORRECT STREAM HEIGHT

FIG. 5

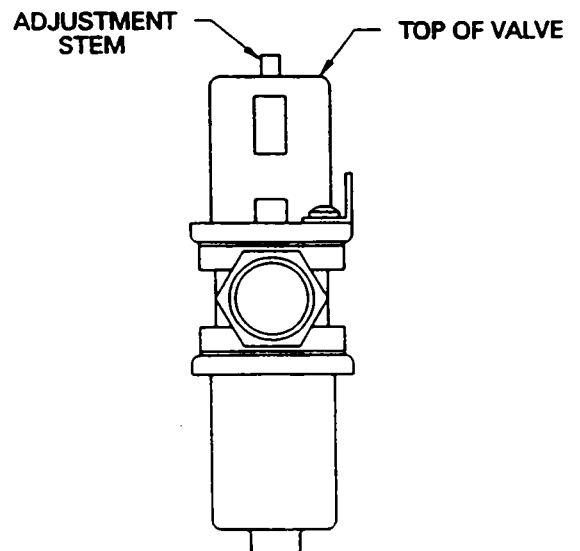


FIG. 6

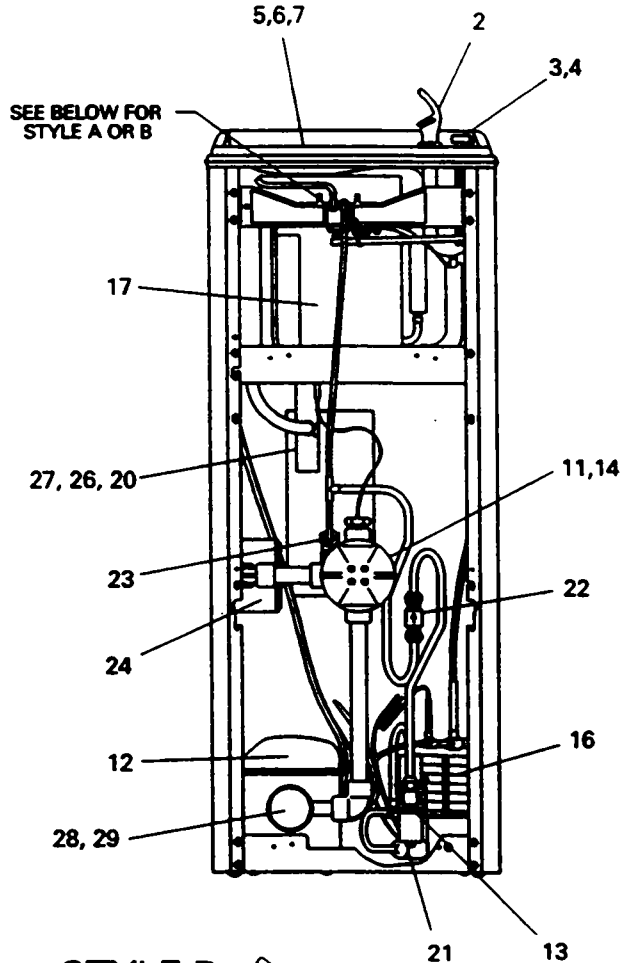
ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	10031C	Nut-Regulator Retaining
2	5144C	Bubbler (Style A)
	10-14228-31-640	Bubbler (Style B)
3	10-15075-31-550	Push Button Stem
4	10-15434-31-640	Cap Push Button
5	10-26399-31-640	Drain Plug
6	16-02705-08-640	Strainer Plate
7	17-14037-42-590	Receptor
8	26860C	Regulator Lever (Style A)
	40-26741-43-730	Valve Lever (Style B)
9	26861C	Pivot Bracket
10	26862C	Regulator Retaining Bracket
11	31513C	Cold Control
12	35790C	Compressor
13	40136C	Water Temperature Valve
14	45340C	Electrical Box-Cold Control
15	50985C	Regulator Holder
16	60-14181-51-550	Condenser Assy
17	66327C	Evaporator
18	60-15903-51-550	Valve Assy
19	61314C	Regulator
20	45689C	Tailpipe Assy
21	66202C	Drier
22	75494C	Check Valve
23	70788C	Y-Strainer
24	45347C	Electrical Box-Power Connection
25	55880C	Regulator Mounting Bracket (Style A)
	10-14050-31-550	Valve Mounting Bracket (Style B)
26	55913C	Adaptor-Drain W/O Holes
27	56885C	Nut 1-1/4 Slip Joint
28	35803C	Relay
29	35797C	Overload

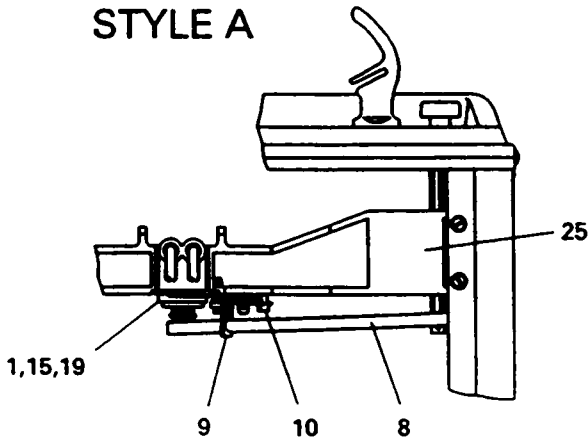
TROUBLE SHOOTING & MAINTENANCE

- 1. 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 or small diameter wire. CAUTION: DO NOT file or cut orifice material.
- 2. Stream Regulator:** To adjust stream height, see instruction no. 9 under "START UP" section on page 3.
- 3. Temperature Control:** Factory set for 50°F water (± 5) under normal conditions. For colder water, adjust screw on item no. 11 (see below), accessible by removing front panel and electrical box cover (item 14). CAUTION: COOLER MUST BE DISCONNECTED FROM POWER SUPPLY BEFORE COVERS ARE REMOVED FROM ANY EXPLOSION-PROOF CONDUIT BOX. Do not force cold control screw against stops. Turn clockwise for colder water, counter-clockwise for warmer water.
- 4. Condenser Water Valve:** Condenser water valve is set at factory for average operating conditions. See page 3 for condenser water valve adjustment.

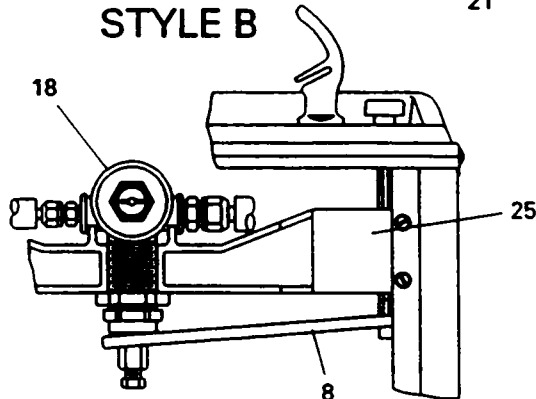
REPLACE WITH SAME COMPRESSOR USED IN ORIGINAL ASSEMBLY.
NOTE: All correspondence pertaining to HALSEY TAYLOR water coolers or orders for repair parts MUST include Model No. and Serial No. of cooler, name, and part number of replacement part.



STYLE A



STYLE B



Halsey Taylor ®

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