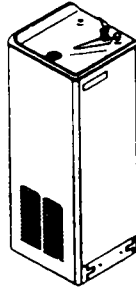


Halsey Taylor Owners Manual

SCWT14-WC-Q

(USES HFC 134A REFRIGERANT)

GLASS FILLER COMPATIBLE: See CAUTIONS in item 6 below.



Installer

The SCWT 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" O.D. Waste 1-1/4" O.D. 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. Connect 3/8" O.D. water line from cooler to the service (See Fig. 1). NOTE: "Y-Strainer not used on units with filter. Simply insert 3/8" water line into fitting on filter head until a positive stop-approx. 3/4".
5. 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.
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 HalseyTaylor instructions.
7. These products are designed to operate on 20 to 105 psig supply line pressure. If inlet pressure is above 105 psig, a pressure regulator must be installed in supply line. Any damage caused by reason of connecting this product to supply line pressure lower than 20 psig or higher than 105 psig is not covered by warranty.

START UP

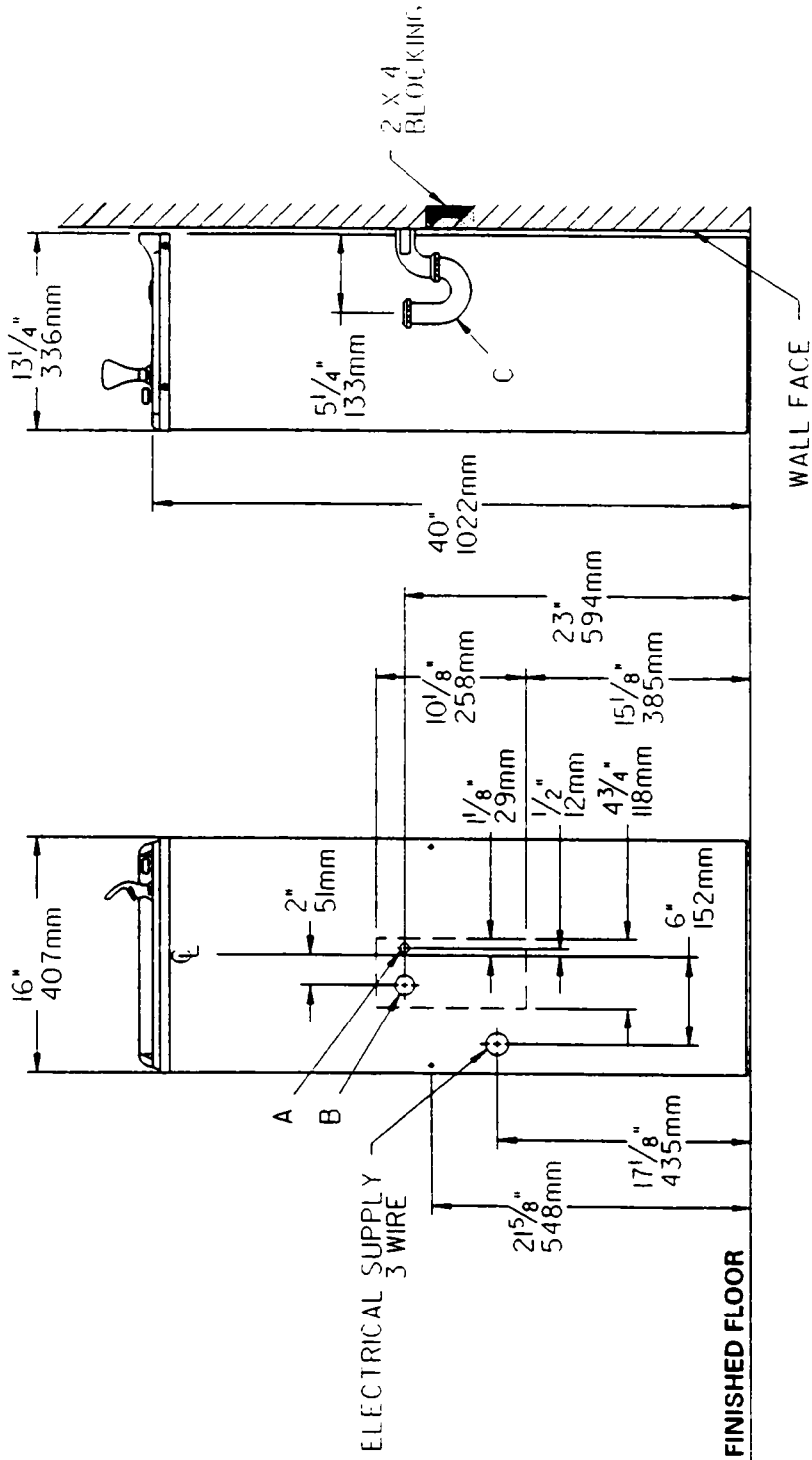
1. Turn on the building water supply and check all connections for leaks.
2. Depress push button until all air is bled from cooler water system. A steady stream flow assures all air is removed.
3. Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, re-adjust stream height to approximately 1-1/2" above the bubbler guard by turning adjustment screw on regulator. (See push button valve adjustment - Figure 4).
4. Recheck all water and drain connections with water flowing through system.
5. Plug cooler power cord into building electrical receptacle.
6. Replace the front panel and secure by replacing the two (2) screws in the bottom of the front panel and tighten securely.

INSTALLER PLEASE NOTE: IMPORTANT!

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler water ways. The grounding of electrical equipment such as telephones, computers, etc. to water lines is a common procedure. This grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as noted below.

NOTICE

This water cooler must be connected to the water supply using a dielectric coupling - the cooler is furnished with a non-metallic "Y" strainer which meets this requirement.
The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

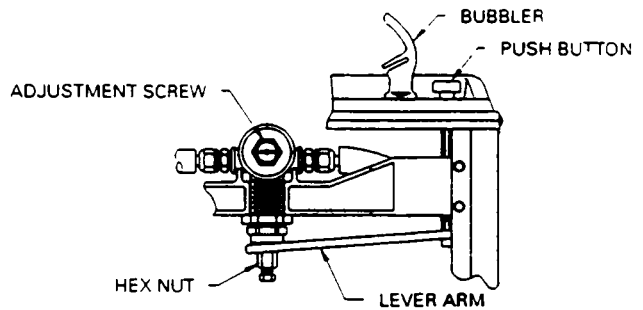
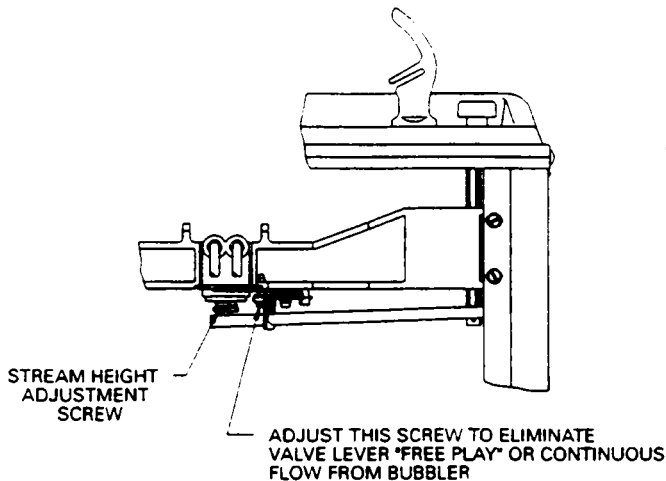


LEGEND:
 A = 3/8" O.D. TUBE CONNECT SHUT OFF VALVE BY OTHER
 B = WATER OUTLET 1 1/4" O.D. DRAIN STUB OUT FROM WALL 1" (25mm)
 C = 1 1/4" O.D. TAILPIECE (TRAP NOT FURNISHED)

FIG. 1

PUSH BUTTON VALVE ADJUSTMENT

THIS DETAIL IS FOR UNITS PRODUCED
PRIOR TO SEPTEMBER 1994.



IF WATER TRICKLES FROM BUBBLER, TURN THE HEX NUT TO TIGHTEN THE LEVER ARM.

TO ADJUST THE STREAM HEIGHT, DEPRESS THE PUSH BUTTON AND THE ADJUSTMENT SCREW.

FIG. 4

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.

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.

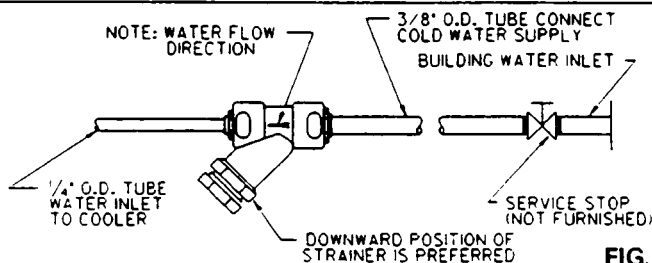
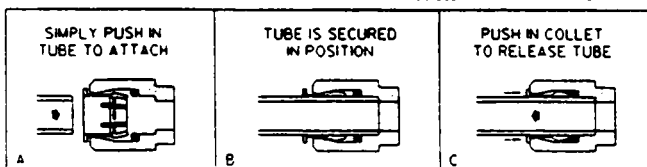


FIG. 2

OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

FIG. 3

CORRECT STREAM HEIGHT

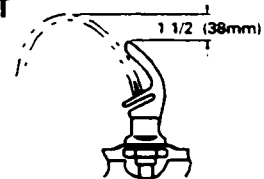


FIG. 5

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.

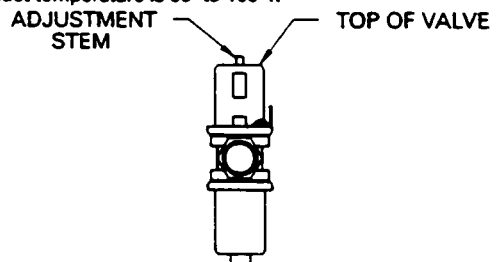
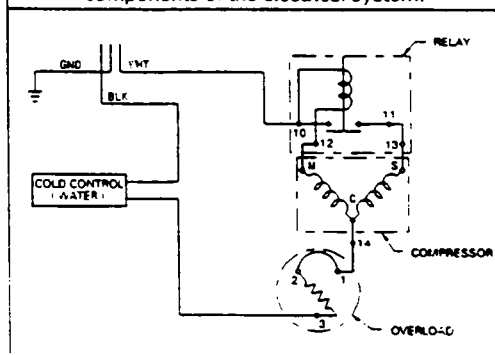


FIG. 6

WIRING DIAGRAM

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



ITEMIZED PARTS LIST

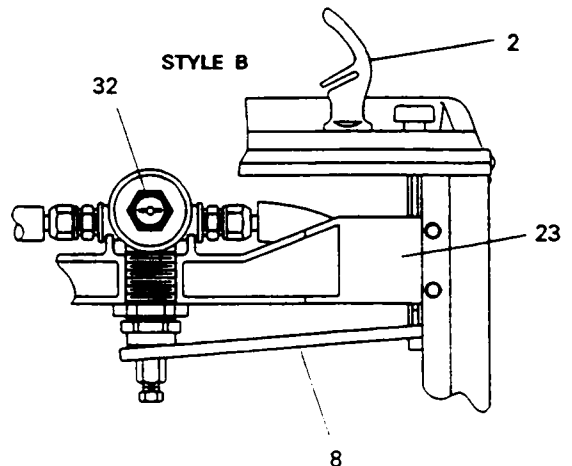
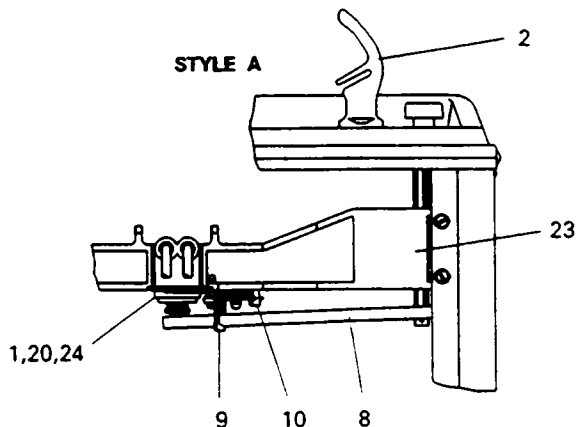
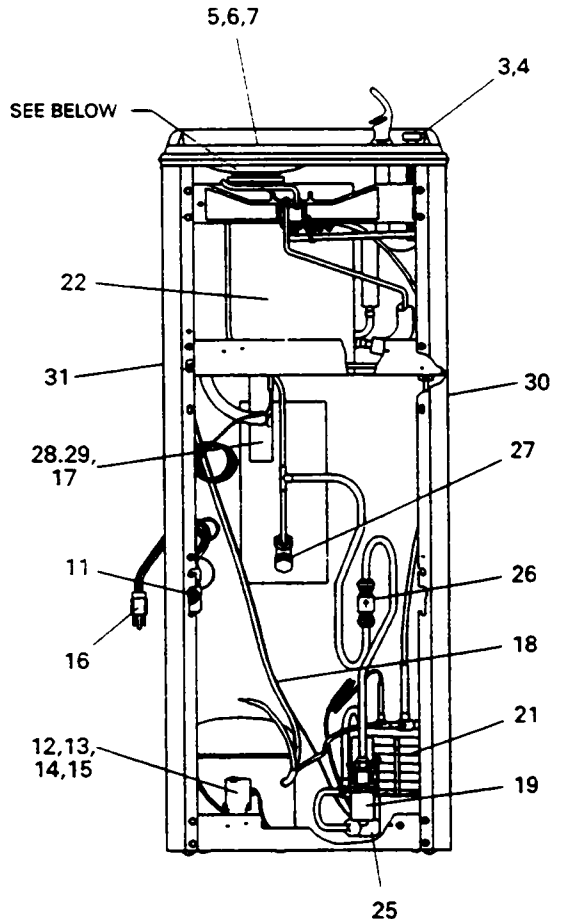
ITEM NO.	PART NO.	DESCRIPTION
1	10031C	Nut-Regulator Retaining
2	51544C	Bubbler (Style A)
	10-14228-31-640	Bubbler (Style B)
3	10-15075-31-550	Push Button Stem
4	10-14534-31-640	Cap Push Button
5	10-26399-31-640	Drain Plug
6	16-02705-08-640	Strainer Plate
7	17-14037-42-590	Receptor
8	26860C	Regulator Lever (Style A)
	40-26741-43-730	Valve Lever (Style B)
9	26861C	Pivot Bracket
10	26862C	Regulator Retaining Bracket
11	35839C	Cold Control
12	35762C	Compressor Service Pak
13	31027C	Overload/Relay Assy
14	35766C	Relay Cover
15	19-42439-01-550	Electrical Shield
16	19-26684-51-550	Power Cord
17	45688C	Precooler (Style A)
	60-26405-51-550	Precooler (Style B)
18	66245C	Heat Exchanger
19	40136C	Water Temperature Valve
20	50985C	Regulator Holder
21	60-14181-51-550	Condenser Assy
22	66327C	Evaporator
23	55880C	Regulator Mounting Bracket (Style A)
	10-14532-31-550	Valve Bracket (Style B)
24	61314C	Regulator
25	66202C	Drier
26	75494C	Check Valve
27	70788C	Y-Strainer
28	55913C	Adaptor-Drain W/O Holes
29	55885C	Nut 1-1/4 Slip Joint
30	See Color Table	Side Panel - Right
31	See Color Table	Side Panel - Left
NS	See Color Table	Front Panel
32	60-15903-51-550	Valve Assembly (Style B)

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.

COLOR	RIGHT PANEL	LEFT PANEL	FRONT PANEL
Platinum (PV)	401536248410	401536348410	401507448410
Almond (AV)	26912C	26908C	26904C
Slate (SV)	401536248440	401536348440	401507448440
Stnlss Stl (SS)	401536242830	401536342830	401507442830

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 or small diameter wire. CAUTION: DO NOT file or cut orifice material.
- Stream Regulator:** To adjust stream height, see instruction no. 9 under "START UP" section on page 3.
- Temperature Control:** Factory set for 50°F water (± 5) under normal conditions. For colder water, adjust screw on item no. 11 (see below). Do not force cold control screw against stops. Turn clockwise for colder water, counter-clockwise for warmer water.
- Condenser Water Valve:** Condenser water valve is set at factory for average operating conditions. See page 3 for condenser water valve adjustment.



Halsey Taylor

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FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620