

Halsey Taylor Owners Manual

SCWT4A-3-Q CB SCWT8A-2-Q CB SCWT14A-2-Q CB

(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. 2). 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 Halsey Taylor 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

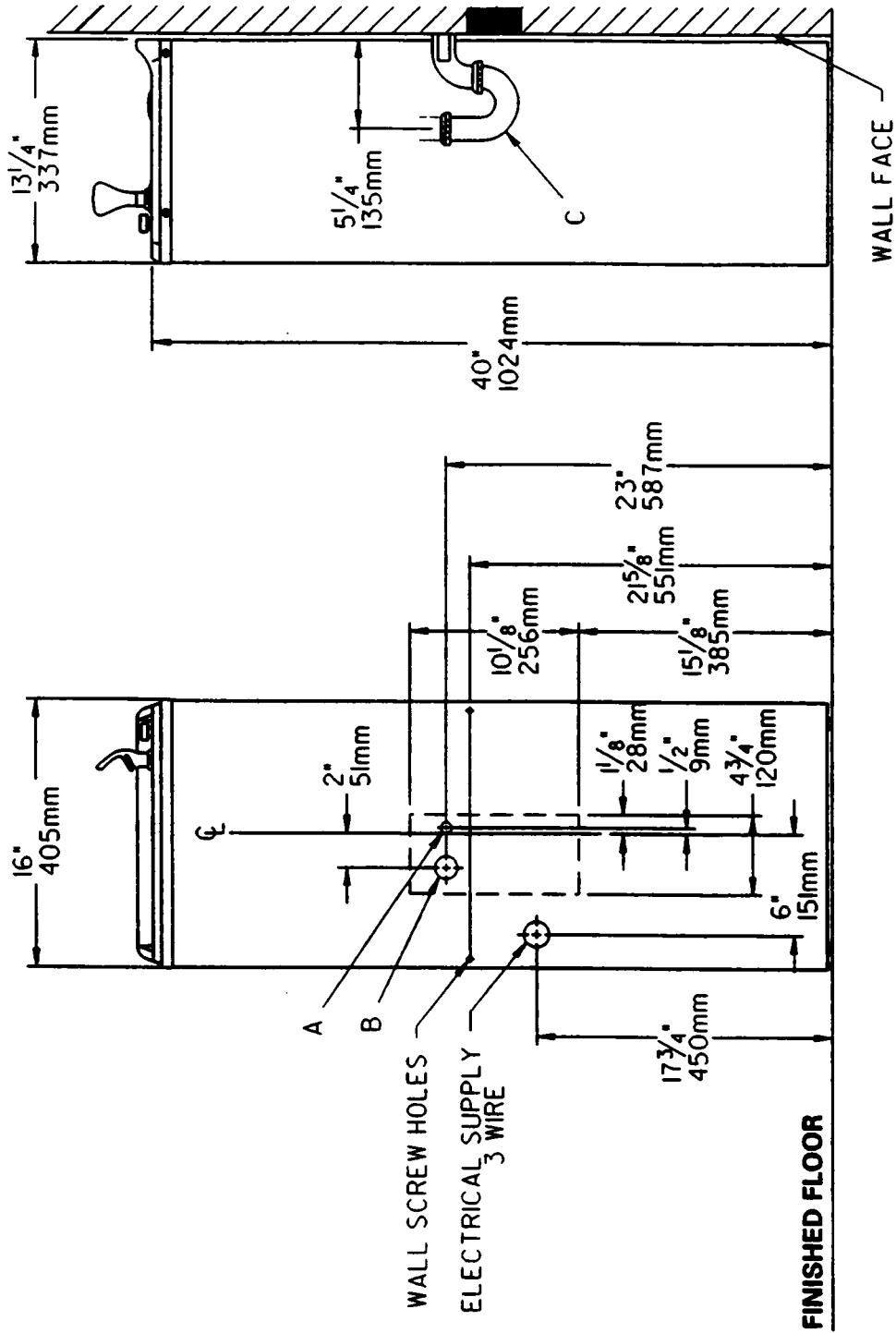
1. Turn on the building water supply and check all connections for leaks.
2. Depress push button until all air is bled from cooler water system. A steady stream flow assures all air is removed.
3. Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, re-adjust stream height 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 to 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.

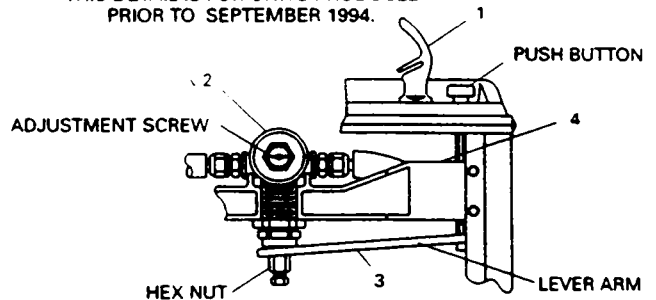
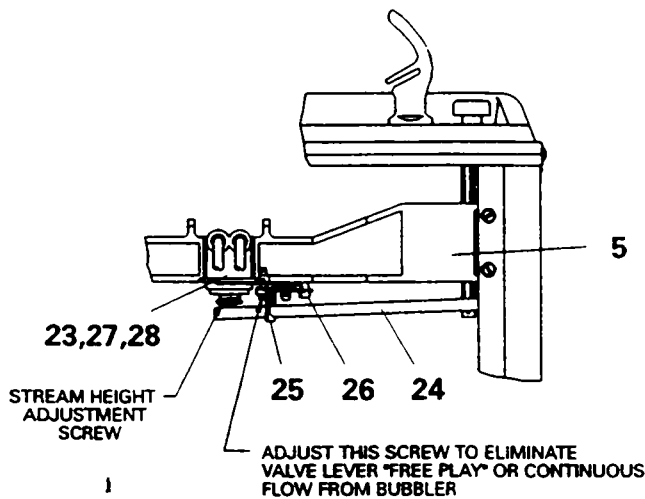


LEGEND:
 A = 3/8" O.D. TUBE CONNECT SHUT OFF VALVE BY OTHER
 B = WATER INLET 1 1/4" O.D. DRAIN STUB OUT FROM WALL 1" (25mm)
 C = 1 1/4" O.D. TAIL PIECE (TRAP NOT FURNISHED)

FIG. 1

PUSH BUTTON VALVE ADJUSTMENT (SEE PARTS LIST ON PAGE 4)

THIS DETAIL IS FOR UNITS PRODUCED
PRIOR TO SEPTEMBER 1994.



ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	10-14228-31-640	Bubbler
2	60-15903-51-550	Valve Assembly
3	40-26741-43-730	Regulator Lever
4	10-14050-31-550	Regulator Bracket
-	60-29853-51-550	Precooler

- 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

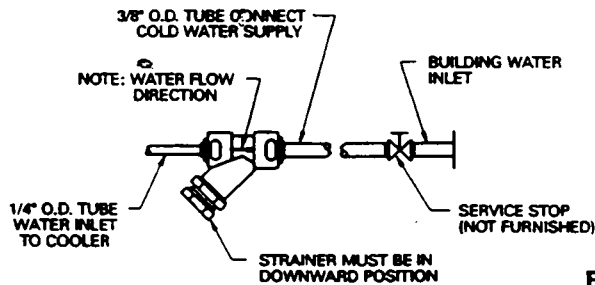


FIG. 2

TRAP INSTALLATION

- Mount the trap as shown in Figure 1. (trap not furnished)
 - Against the wall installation: Dimension from the wall to the centerline of trap must be maintained for proper fit.
 - 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.
- Install 3/8" IPS. female x 3/8" compression straight service stop to building water inlet stub. (service stop not furnished)

INSTALLATION OF COOLER

- 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.
- 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.
- Connect cooler to building supply line with a shut-off valve and water line between the valve and the cooler (see Fig. 2).

NOTE: If required, the 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.

OPERATION OF QUICK CONNECT FITTINGS

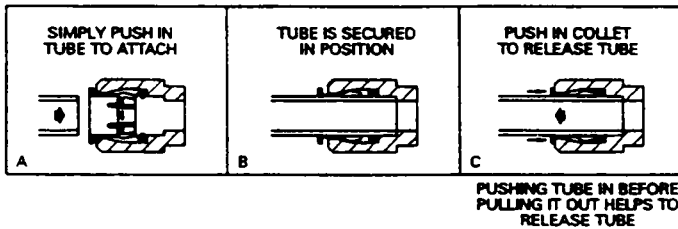


FIG. 3

CORRECT STREAM HEIGHT

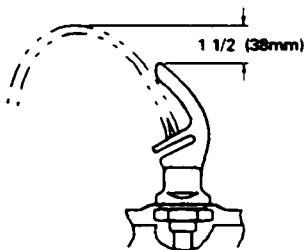


FIG. 5

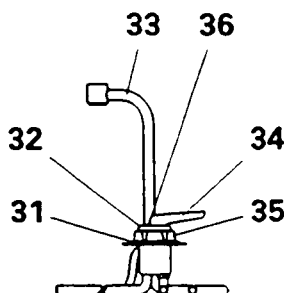
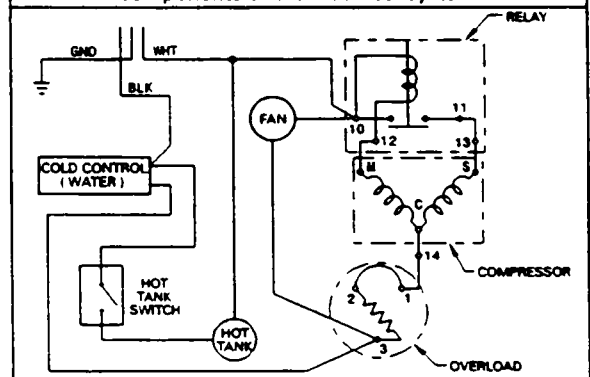


FIG. 6

WIRING DIAGRAM

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



ITEMIZED PARTS LIST

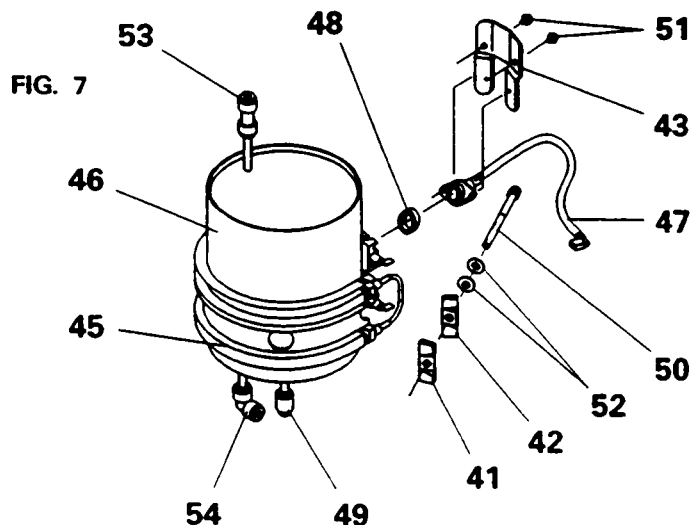
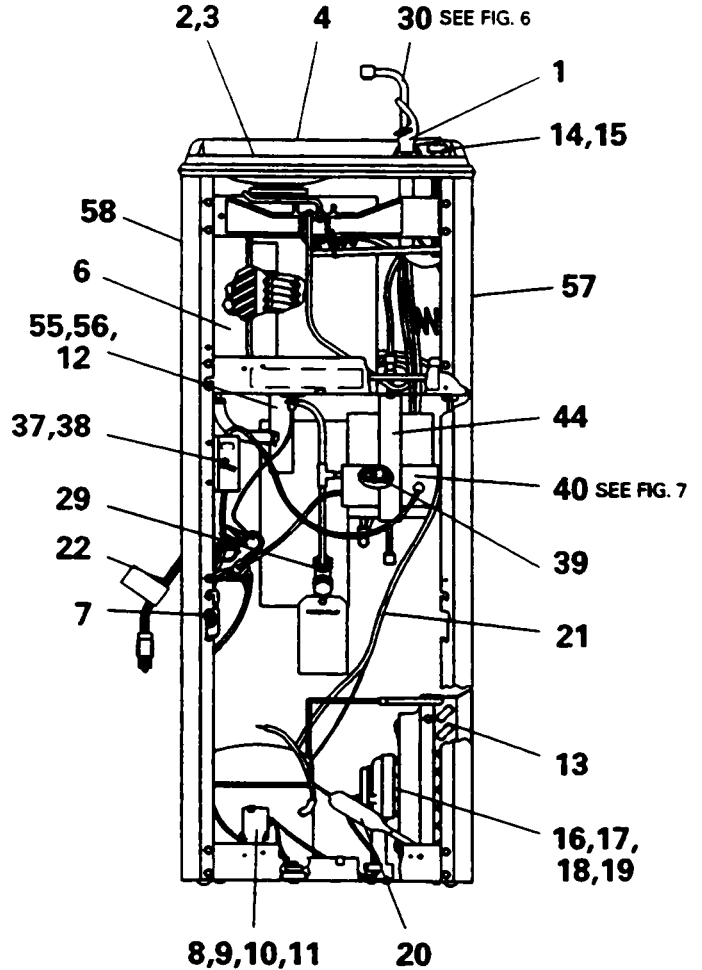
ITEM NO.	PART NO.	DESCRIPTION
1	51544C	Bubbler
2	10-26399-31-640	Drain Plug
3	16-02705-08-640	Strainer Plate
4	40-15018-42-590	Receptor
5	55880C	Bracket-Regulator Mounting
6	66324C	Evaporator (4 GPH)
	66325C	Evaporator (8 GPH)
	66327C	Evaporator (14 GPH)
7	35839C	Cold Control
8*	35787C	Compressor Serv. Pak (4 & 8 GPH)
	35762C	Compressor Serv. Pak (14 GPH)
9	31034C	Overload/Relay Assy (4 & 8 GPH)
	31027C	Overload/Relay Assy (14 GPH)
10	19-42439-01-550	Electrical Shield
11	35766C	Relay Cover
12	45689C	Tailpipe Assy (4 GPH)
	45697C	Precooler (8/14 GPH) Includes 55 & 56
13	66251C	Condenser (4 & 8 GPH)
	66252C	Condenser (14 GPH)
14	10-15434-31-640	Cap Push Button
15	10-15075-31-550	Push Button Stem
16	31490C	Fan Motor
17	10-42095-43-730	Fan Blade
18	70018C	Fan Blade Nut
19	40-26720-43-730	Fan Motor Bracket
20	66201C	Drier (4 & 8 GPH)
	66202C	Drier (14 GPH)
21	66258C	Heat Exchanger (4 & 8 GPH)
	66245C	Heat Exchanger (14 GPH)
22	19-26685-51-550	Power Cord
23	10031C	Regulator Retaining Nut
24	26860C	Regulator Lever
25	26861C	Pivot Bracket
26	26862C	Regulator Retaining Bracket
27	50985C	Regulator Holder
28	61314C	Regulator
29	70788C	Y-Strainer
30	40580C	Hot Valve Assy
31	33659000	Gasket-Body
32	40586C	Shroud
33	40597C	Gooseneck
34	51543C	Lever Handle
35	70921C	Mounting Nut
36	92712C	Stem Assy
37	21591C	Hot Tank Switch Bracket
38	30010C	Hot Tank Toggle Switch
39	55832C	Flow Regulator Assy
40	31397C	Hot Tank Assy
41	22111C	Heater Clamping Bracket (threaded)
42	22112C	Heater Clamping Bracket
43	22113C	Retaining Bracket
44	22688C	Hot Tank Mounting Bracket
45	30980C	Heater Element & Jacket
46	31386C	Tank & Tube Assy
47	31428C	Hot Control Assy
48	50787C	Washer Spacer
49	70606C	Drain Plug
50	70607C	Screw 1/4-20 x 3.00" Lg.
51	70640C	Screw #8-18 x 5/16" Lg.
52	70659C	Belleville Washer
53	70683C	1/4" Union
54	70793C	1/4" Elbow
55	55913C	Adaptor-Drain W/O Holes
56	55885C	Nut 1-1/4 Slip Joint
57	See Color Table	Side Panel - Right
58	See Color Table	Side Panel - Left
NS	See Color Table	Front Panel

*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
Strlss Stl (SS)	401536242830	401536342830	401507442830

TROUBLE SHOOTING & MAINTENANCE

- Bubbler:** If mineral deposits build up in the orifice, they can be removed by using a round file or small diameter wire.
CAUTION: Care must be taken not to damage the orifice.
- Stream Regulator:** To adjust stream height see Instruction No. 3 under "START UP" on page 1.
- Temperature Control:** Factory set for 50°F. water (± 5°) under normal conditions. For colder water, adjust screw on Item No. 7 (see page 4).
CAUTION: Do not force screw against stops. Turn clockwise for colder water, counterclockwise for warmer water.
- Ventilation:** Condenser fins and louvers should be periodically cleaned with a brush, air hose or vacuum cleaner.
- Lubrication:** Motors are lifetime lubricated.



Halsey Taylor [®]

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FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620