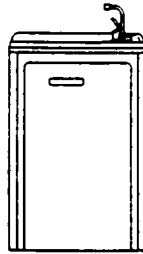


Halsey Taylor Owners Manual

WM8A-3-Q CB WM14A-3-Q CB

(USES HFC 134A REFRIGERANT)

GLASS FILLER COMPATIBLE: See CAUTIONS in item 6 below.



Installer

The WM series coolers are among the easiest to install Wall Mount 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 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:

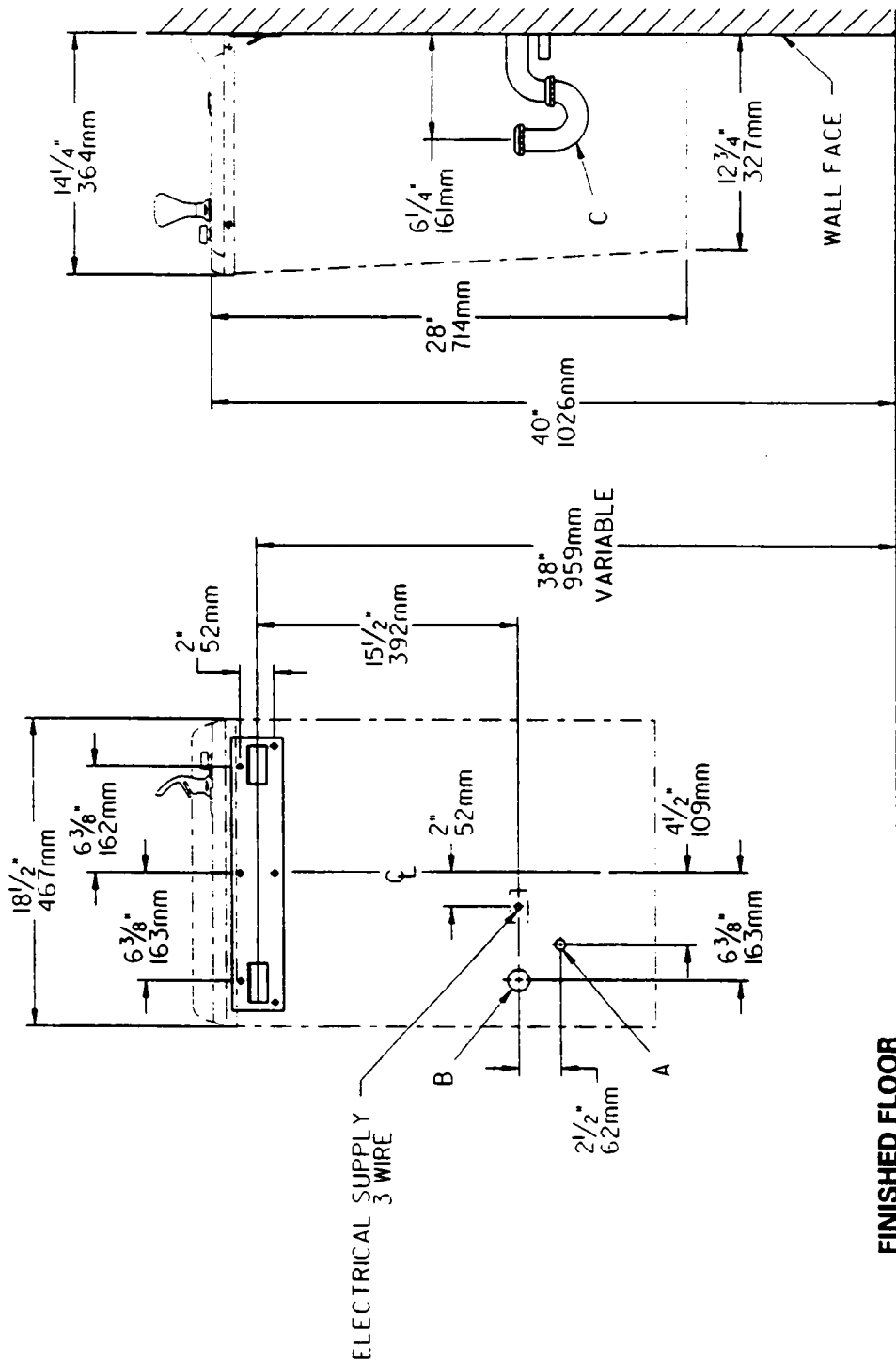
IMPORTANT!

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 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

(SEE PARTS LIST ON PAGE 4)

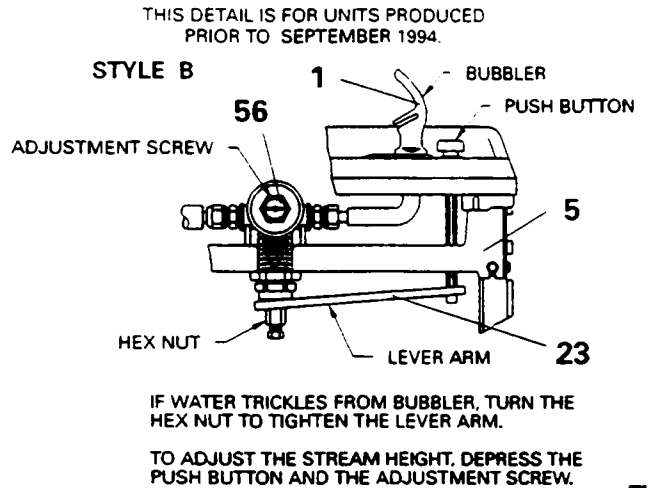
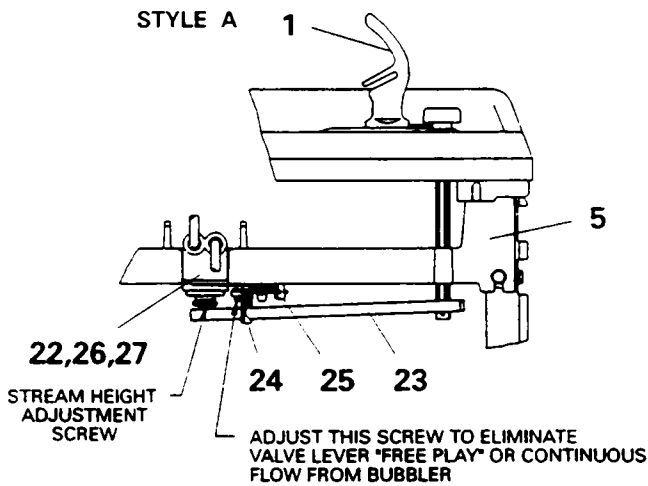


FIG. 4

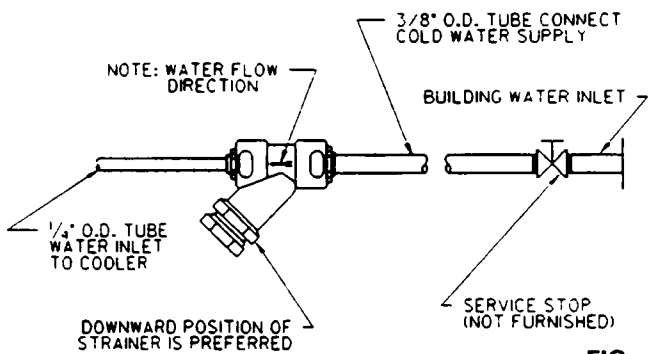


FIG. 2

OPERATION OF QUICK CONNECT FITTING

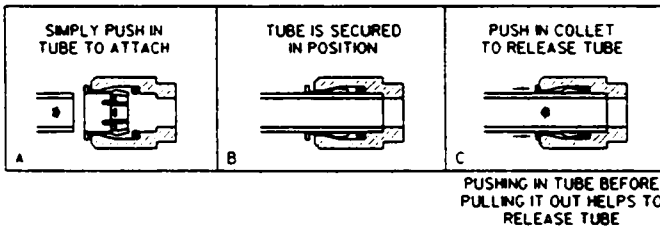
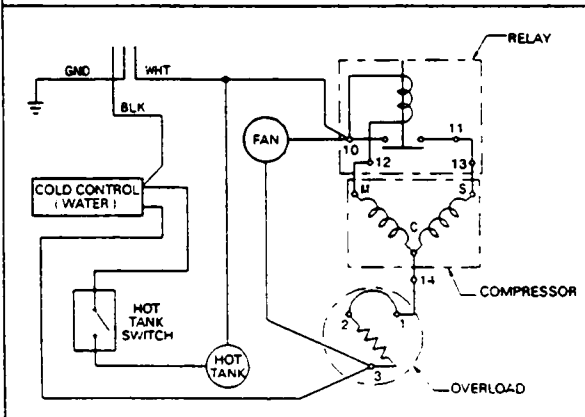


FIG. 3

WIRING DIAGRAM

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



HANGER BRACKET & TRAP INSTALLATION

- 1). Remove hanger brackets fastened to back of cooler by removing screws.
- 2). Mount hanger bracket and remove trap.
NOTE: Hanger Bracket **MUST** be supported securely. Add fixture support carrier if wall will not provide adequate support.

IMPORTANT:

- 6 1/4 in. dimension from back of unit to centerline of trap must be maintained for proper fit.
 - Anchor hanger securely to wall using all six (6) 1/4" dia. mounting holes.
- 3). Install 3/8" IPS. female x 3/8" compression straight service stop to building water inlet stub. (service stop not furnished)

INSTALLATION OF COOLER

- 4). Hang the cooler on the hanger bracket. Be certain the hanger bracket is engaged properly in the slots on the cooler back.
- 5). Remove the two (2) screws at the bottom of the front panel and set aside. Remove the front panel and set aside.
- 6). 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.
- 7). 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.

CORRECT STREAM HEIGHT

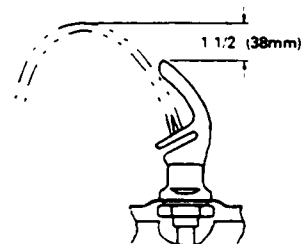


FIG. 5

ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	51544C	Bubbler (Style A)
	10-14228-31-640	Bubbler (Style B)
2	10-26399-31-640	Drain Plug
3	16-02705-08-640	Strainer Plate
4	40-14726-42-590	Receptor
5	55860C	Bracket-Regulator Mounting (Style A)
	10-14532-31-550	Bracket-Regulator (Style B)
6	66325C	Evaporator (8 GPH)
	66327C	Evaporator (14 GPH)
7	35839C	Cold Control
8*	35787C	Compressor Serv. Pak (8 GPH)
	35762C	Compressor Serv. Pak (14 GPH)
9	31034C	Overload/Relay Assy (8 GPH)
	31027C	Overload/Relay Assy (14 GPH)
10	19-42439-01-550	Electrical Shield
11	35766C	Relay Cover
12	45697C	Precooler (Style A) Includes 54 & 55
	60-26405-51-550	Precooler (Style B)
13	66251C	Condenser (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 (8 GPH)
	66202C	Drier (14 GPH)
21	19-26680-51-550	Power Cord
22	10031C	Regulator Retaining Nut
23	26860C	Regulator Lever (Style A)
	40-26741-43-730	Regulator Lever (Style B)
24	26861C	Pivot Bracket
25	26862C	Regulator Retaining Bracket
26	50985C	Regulator Holder
27	61314C	Regulator
28	70788C	Y-strainer
29	45313C	Hot Valve
30	33659000	Gasket-Body
31	40596C	Shroud
32	40597C	Gooseneck
33	51543C	Lever Handle
34	70921C	Mounting Nut
35	92712C	Stem Assy
36	21591C	Hot Tank Switch Bracket
37	30010C	Hot Tank Toggle Switch
38	55832C	Flow Regulator Assy
39	31397C	Hot Tank Assy
40	22111C	Heater Clamping Bracket (threaded)
41	22112C	Heater Clamping Bracket
42	22113C	Retaining Bracket
43	22588C	Hot Tank Mounting Bracket
44	30980C	Heater Element & Jacket
45	31386C	Tank & Tube Assy
46	31428C	Hot Control Assy
47	50787C	Washer Spacer
48	70606C	Drain Plug
49	70607C	Screw 1/4-20 x 3.00" Lg.
50	70640C	Screw #8-18 x 5/16" Lg.
51	70659C	Belleville Washer
52	70683C	1/4" Union
53	70793C	1/4" Elbow
54	55885C	Nut - Slip Joint
55	55913C	Adaptor - Drain
56	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.

Halsey Taylor

P. O. BOX 9001
 OAK BROOK, IL 60521
 630.574.3500

PRINTED IN U.S.A.

FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.323.0620

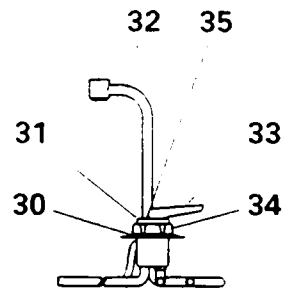


FIG. 6

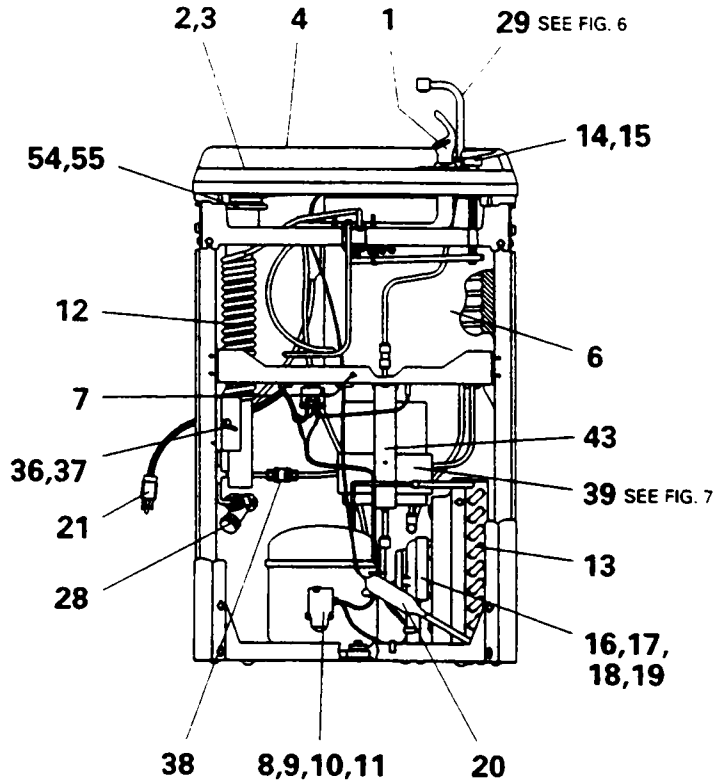


FIG. 7