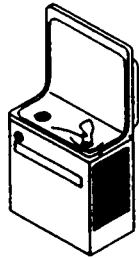


# Halsey Taylor Owners Manual

RWM 8A-5-Q RWM13A-5-Q

(USES HFC 134A REFRIGERANT)



## Installer

The RWM cooler is among the easiest to install Semi-Recessed cooler 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. tube. 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 stop (See Fig. 4). 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 used in your water cooler. Check local listings for a Halsey Taylor dealer near you.
- WARNING: Warranty is void 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 pressures 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 removed.
3. Install wrapper (Item 35) onto unit by first cutting and discarding the nylon tie holding the regulator holder (Item 34) in place. Install regulator assembly in the wrapper by removing Items 29, 30, and 33 (See Fig. 3). Place wrapper in position and push the regulator holder through the hole and reattach Items 29, 30, and 33. Attach wrapper to frame and basin.
4. Stream height is factory set as 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 (Item 32), accessible by removing button and cover (Items 29 & 30).
5. Recheck all water and drain connections with water flowing through system.
6. Plug cooler power cord into building electrical receptacle.
7. Replace the access panel and secure by re-tightening all screws.

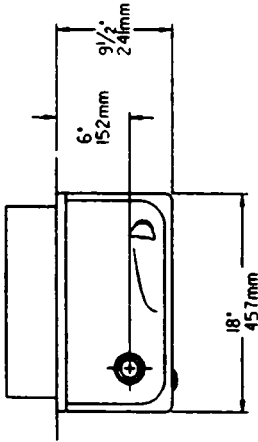
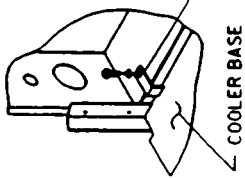
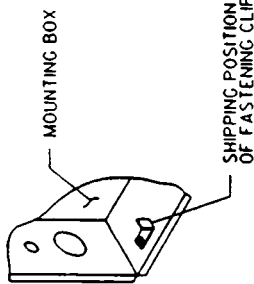
### INSTALLER PLEASE NOTE: IMPORTANT!

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways. 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 on 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

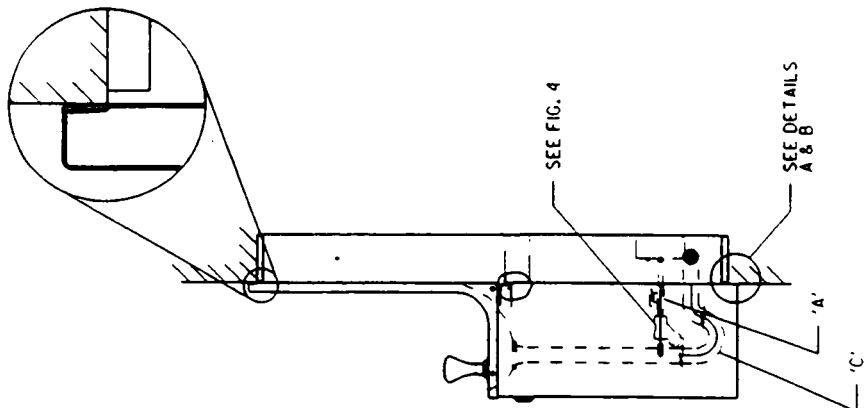
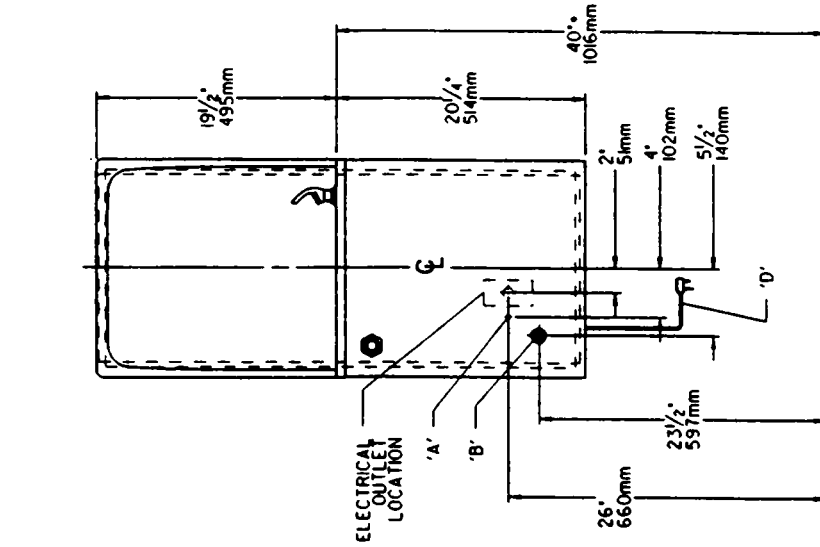
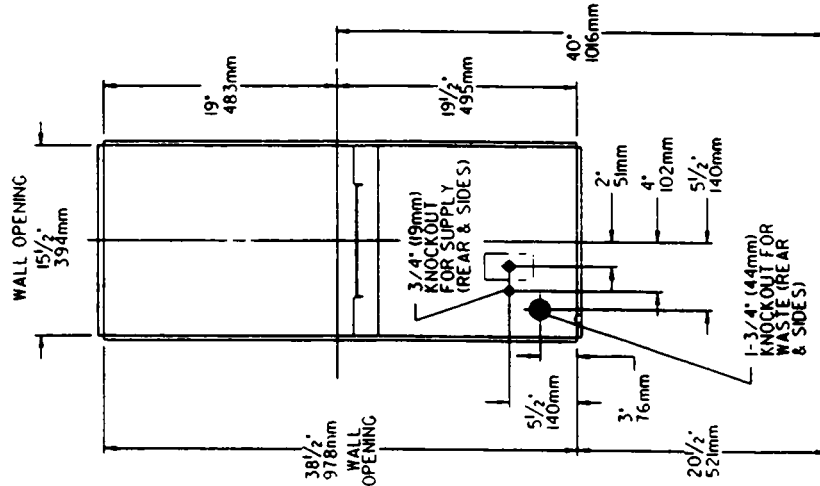
This water cooler must be connected to the water supply using a dielectric coupling - the cooler is furnished with a non-metallic Y-strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing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

**ROUGHING-IN DRAWING FOR RWM8/13A-Q**



**DETAIL A**

**DETAIL B**



\* RECOMMENDED HEIGHT FOR ADULTS LOWER TO 33" (838mm) FOR CHILDREN

**LEGEND:**  
A = 3/8" O.D. TUBE CONNECT SHUT OFF VALVE BY OTHERS.  
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)  
D = 18" (457mm) LONG POWER CORD

**FIG. 1**

### CORRECT STREAM HEIGHT

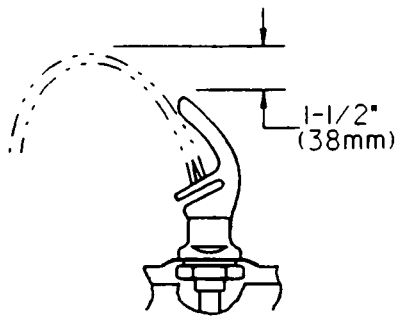


FIG. 2

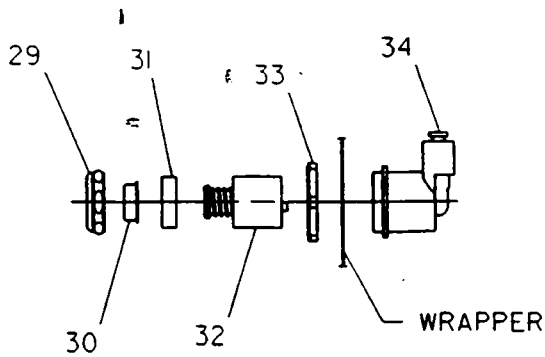


FIG. 3

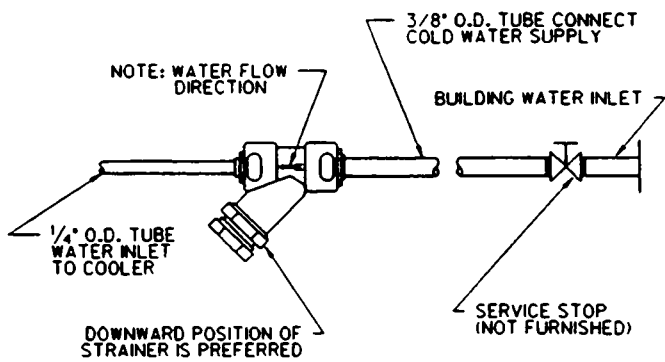
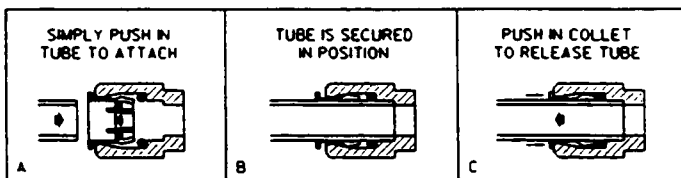


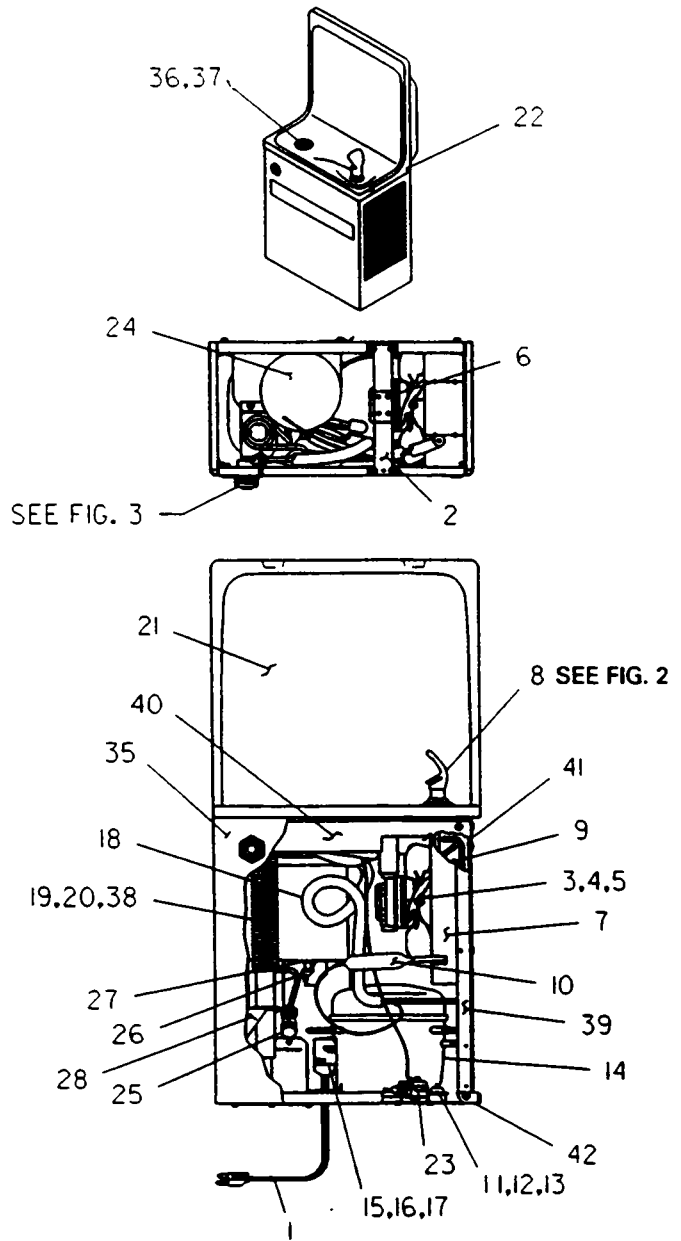
FIG. 4

### OPERATION OF QUICK CONNECT FITTINGS



PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE

FIG. 5



SEE FIG. 3

SEE FIG. 2

### WIRING DIAGRAM

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

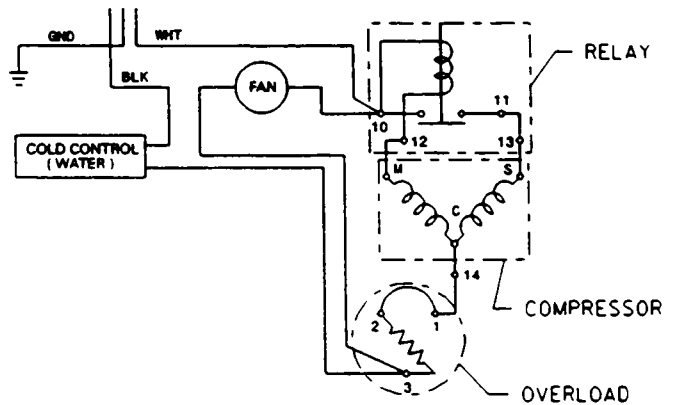


FIG. 6

ITEM NO.	PART NO.	DESCRIPTION
1	31504C	Power Cord
2	27095C	Fan Bracket
3	30699C	Fan Blade
4	70018C	Hex Nut - Fan Blade
5	31490C	Fan Motor
6	70009C	Screw (Fan Motor)
7	50186C	Shroud - Fan
8	51544C	Bubbler Assy
	51545C	Bubbler Assy (Golden Bronzestone)
9	61515C	Condenser
10	66202C	Drier
11	50144C	Grommet - Compressor Mtg.
12	70184C	Hair Pin - Cotter
13	70150C	Washer
14 *	35767C	Compressor Serv. Pak (Includes Items 15-17)
15	19-42439-01-550	Cover - Electrical Shield (Overload)
16	31025C	Overload /Relay Assembly
17	35766C	Cover - Terminal
18	66223C	Heat Exchanger
19	40041C	Tailpipe Assy (8 Gal)
	40429C	Precooler Assy (13 Gal)
20	50074C	Tailpipe Gasket
21	27230C	Basin (Stainless Steel)
	27254C	Basin (Golden Bronzestone)
22	70208C	Screw - Basin Mtg.
	70209C	Screw - Basin Mtg. (Golden Bronzestone)
23	31513C	Cold Control
24	62220C	Evaporator Assembly
25	70788C	Y - Strainer (Ref. Fig. 2 on Page 3)
26	70772C	Drain Plug
27	70767C	Evaporator Retaining Clip
28	27239C	Bracket - Precooler
29	40089C	Cover
	40119C	Cover (Golden Bronzestone)
30	40048C	Button
	40065C	Button (Golden Bronzestone)
31	10031C	Retaining Nut
32	61313C	Regulator
33	40169C	Hex Nut
	40170C	Hex Nut (Golden Bronzestone)
34	50985C	Regulator Holder
35	See Color Table	Wrapper
36	40038C	Strainer - Beehive
	40111C	Strainer - Beehive (Golden Bronzestone)
37	40619C	Ferrule - Tailpipe
	40620C	Ferrule - Tailpipe (Golden Bronzestone)
38	50105C	Tailpipe Gasket
39	27093C	Angle - Front Corner
40	27258C	Bracket - Front
41	27292C	Bracket - Basin Mounting
42	27097C	Frame - Back/Bottom

\* 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 TABLE	
PANEL COLOR	Item No. 35 Part No.
Almond	26942C
Platinum Vinyl	26943C
Golden Bronzestone	26944C
Stainless Steel	26948C

## TROUBLE SHOOTING & MAINTENANCE

1. 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.
2. Stream Regulator: To adjust stream height see Instruction No. 4 under "START UP" Section on Page 1.
3. Temperature Control: Factory set for 50° F. water ( $\pm 5^\circ$ ) under normal conditions. For colder water, adjust screw on Item No. 23 (see below). CAUTION: Do not force screw against stops. Turn clockwise for colder water, counterclockwise for warmer.
4. Ventilation: Condenser fins and louvers should be periodically cleaned with a brush, air hose or vacuum cleaner.
5. Lubrication: Motors are lifetime lubricated.
6. CAUTION: Cleaning of Golden Bronzestone 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 Golden Bronzestone finish.

## TRAP INSTALLATION

1. Install 3/8" compression straight service stop to the building water inlet stub.

## INSTALLATION OF COOLER

2. Hang the cooler on the hanger brackets. Be certain the hanger brackets are engaged properly in the frame and the basin.
3. Remove the access panel on the underside of the cooler and set it aside.
4. Connect the water line between the service stop valve and cooler (Fig. 4).
5. 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 inserting into the Y-strainer.
6. Remove the slip nut and gasket from the 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.

# Halsey Taylor

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