

INSTALLATION

1. Insure proper ventilation by maintaining 6" clearance from cabinet louvers to wall on each side of cooler.
2. Water Inlet 3/8" O.D. tube. Waste 1-1/4" O.D. tailpiece for slip trap. Contractor to supply waste trap in accordance with local codes.
3. Connecting lines to be of copper, thoroughly flushed to remove all foreign matter before being connected to cooler. The furnished water strainer should be installed in supply line.
4. Connect cooler to building supply line with a shut-off valve.
5. Electrical: Insure power supply is identical voltage, cycle and phase to that specified on cooler serial data plate. Never wire compressor directly to the power supply.
6. These products are designed to operate on 20 psig to 105 psig supply line pressure. If inlet pressure is above 105 psig, a pressure regulator must be installed in the 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.

IMPORTANT! INSTALLER PLEASE NOTE:

The grounding of electrical equipment such as telephones, computers, etc., to water lines is a common procedure. This grounding may be in the building, or may occur away from the building. This grounding can cause electrical feedback into a water cooler, creating an electrolysis which causes a metallic taste or an increase in the metal content of the water. This condition is avoidable by using the proper materials as indicated below.

- To minimize electrically induced corrosion, all water coolers should be connected to the water supply using an electrically isolating coupling. This cooler is furnished with a non-metallic strainer which meets this requirement.
- The drain fittings which are provided by the installer should also be plastic to electrically isolate the cooler from the building plumbing system.

START-UP

1. Release air from tank by holding press bar down. Steady stream flow assures all air removed.
2. Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, adjust screw located in center of push button assy. (Item 33, Fig. 3). CW adjustment will raise stream and CCW adjustment will lower stream. For best adjustment, stream should hit basin approximately 6 1/2" from bubbler.
3. Rotate fan to insure proper clearance and free fan action.
4. Connect to electrical power.

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 not over 1/8" dia. or small diameter wire. Caution: DO NOT file or cut orifice material.

Stream Regulator: If orifice is free of mineral deposits, regulate flow as in "START-UP" instructions above.

Press Bar Alignment: For proper operation and alignment, the top edge of the press bar should be at the same level and alignment as the side trim molding. To adjust, turn adjusting screw (Fig. 4) CW to lower the bar, and CCW to raise the bar.

Water Coming Out of Bubbler Continuously: Lower press bar by turning press bar adjustment screw CCW (See Fig. 4).

Press Bar Removal:

1. Remove front panel by removing front panel screws (Fig. 5).
2. Remove side trim molding by removing clips and screws (Items 43 and 47, Fig. 6) located inside cabinet.
3. Remove front press bar (Item 40) by removing springs (Item 46) and pulling rear bearing (Item 50) out of bushing (Item 44) and pulling forward (Fig. 6).

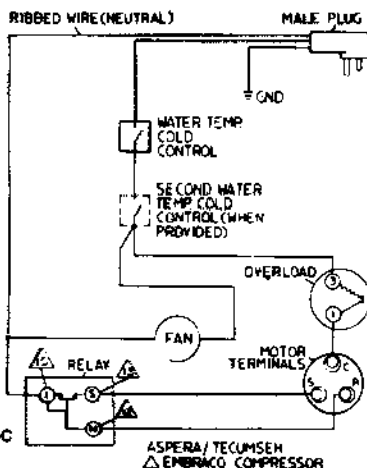
Regulator Replacement: Turn off water supply. Remove side trim molding and front press bar (see Press Bar Removal above).

Temperature Control: Factory set for 50°F water (± 5°) under normal conditions. For colder water, adjust screw on item 15 CW.

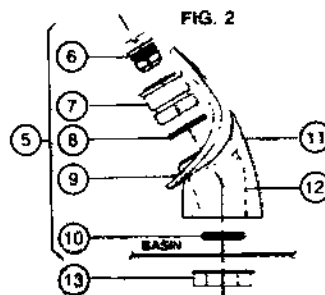
Ventilation: Cabinet louvers and condenser fins should be periodically cleaned with brush, air hose or vacuum cleaner. Excess dirt or poor ventilation can cause no cold water and compressor cycling on the compressor overload protector.

Lubrication: Motors are lifetime lubricated.

Storage or Return Shipment: If the cooler is removed from service, the water should be drained from the system. To drain, remove the drain plug from the bottom of the evaporator tank (Item 26, Fig. 1) and depress the press bar (regulator valve), until water stops flowing.



2.9.2 DIAGRAM NO. 9185B-C



NOTE

WHEN INSTALLING REPLACEMENT GUARD AND PEDESTAL, TIGHTEN ADAPTER (ITEM 7) ONLY TO HOLD PARTS SNUG IN POSITION. DO NOT OVERTIGHTEN.

DESIGN 2000 SERIES BARRIER FREE • WALL MOUNTED • 8 GPH LISE-8-1

ITEM NO.	8 GPH PART NO.	DESCRIPTION
1	21803-C	Basin
2	21905-C	Basin — Bronzestone
3	21853-C	Shroud — Fan
4	61394-C	Condenser
	31104-C	Motor — Fan
	31108-C	Motor — Fan (Alt)
	30664-C	Blade — Fan
	20282-C	Bracket — Motor Mtg.
	70018-C	Nut — Fan Blade
	70261-C	Silencer — Fan Blade
	70287-C	Screw — Motor Mtg.
5	50670-C	Bubbler Assy.
	50681-C	Bubbler Assy. — Bronzestone
6	40322-C	Orifice Assy.
	40454-C	Orifice Assy. — Bronzestone
7	40420-C	Adapter
	40464-C	Adapter — Bronzestone
8	50187-C	"O" Ring — Adapter
9	50221-C	Guard
10	50183-C	"O" Ring — Bubbler
11	50168-C	Pedestal
	50373-C	Pedestal — Bronzestone
12	40424-C	Forging
13	70012-C	Lock Nut
14	60194-C	Drier
15	30504-C	Control — Cold
16*	30310-C	Compressor Serv. Pak (Aspera)
	30214-C	Compressor Serv. Pak (Tecumseh)
	30999-C	Compressor Serv. Pak (Embraco)
17	50144-C	Grommet — Compressor
18	70150-C	Mtg. Washer — Compressor
	70418-C	Mtg. Washer — Compressor (Embraco)
19	70184-C	Mtg. Pin — Compressor
20	30254-C	Relay (Aspera)
	30142-C	Relay (Tecumseh)
21	30246-C	Overload (Aspera)
	30146-C	Overload (Tecumseh)
22	31015-C	Overload & Relay Assy. (Embraco)
23	31074-C	Cord — Power
24	40383-C	Precooler Assy.
25	70016-C	Nut #10-32 Hex
	61420-C	Heat Exchanger (Aspera & Tecumseh)
	61927-C	Heat Exchanger (Embraco)
26	61710-C	Evaporator Assy.
27	50400-C	Gasket — Drain
28	50401-C	Ring Support — Drain
29	70444-C	Clamp — Drain Gasket
30	20723-C	Wall Bracket (Not Shown)

*INCLUDES RELAY & OVERLOAD. IF UNDER WARRANTY, REPLACE WITH SAME COMPRESSOR USED IN ORIGINAL ASSEMBLY.

NOTE: All correspondence pertaining to any of the above water coolers orders for repair parts MUST include model number and serial number of cooler, name and part number of replacement part.

PRODUCT MAY BE MANUFACTURED UNDER U.S. PATENT NO. 4,481,971.

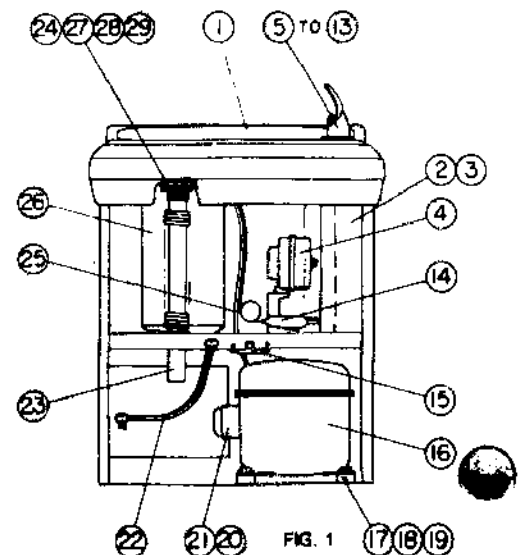


FIG. 1

(CONT'D ON NEXT PAGE)

**(CONTINUED) DESIGN 2000 SERIES
BARRIER FREE • WALL MOUNTED • 8 GPH
LISE-8-1**

ITEM NO.	PART NO.	DESCRIPTION
32	40425C	Holder — Regulator (8 GPH Model)
33	40045C	Hex Nut
34	81314C	Regulator
35	10031C	Regulator Retainer Nut
36	50396C	Bearing — Lever
37	50393C	Lever — Regulator
38	70441C	Lock Nut
39	50395C	Guide — Pivot
40	70442C	Spring — Lever Adjusting
41	50394C	Bracket — Pivot
42	See Color Table	Press Bar
43	See Color Table	Side Bar (BH)

ITEM NO.	PART NO.	DESCRIPTION
43	See Color Table	Side Bar (LH)
44	70438C	Clip — Side Bar
45	50403C	Bushing — Pivot
46	70439C	Clip — Pivot Bushing
47	70443C	Spring — Press Bar
48	70055C	Clip — Pivot Bracket
49	50404C	Spacer — Bracket
50	50212C	Bearing — Pivot
51	38417001	Screw — #6 x 3/8 HHMS
52	70397C	Screw — #8-32 x 1-1/4 HHMS (Press Bar Adj.)
53	70440C	Clip — "S" Type
54	50431C	Pivot Bracket Assy
55	70621C	"Y" Strainer Assy. (Not Shown)

COLOR TABLE

FRONT & SIDE PANEL COLOR	PRESS & SIDE BAR COLOR	ITEM NO. 41 PART NO.	ITEM NO. 42 PART NO.	ITEM NO. 43 PART NO.
Bronzetone	Brown	50487C	50477C	50487C
Charcoal Gray	Gray	50489C	50479C	50489C
Gray Beige	Gray/Gray Beige	50470C	50480C	50490C
Almond	Gray/Almond	50471C	50481C	50491C
Stainless Steel	Gray/Met. Gray	50472C	50482C	50492C
Sandehwood	Brown/Sandehwood	50468C	50478C	50488C
Walnut	Brown	50467C	50477C	50487C

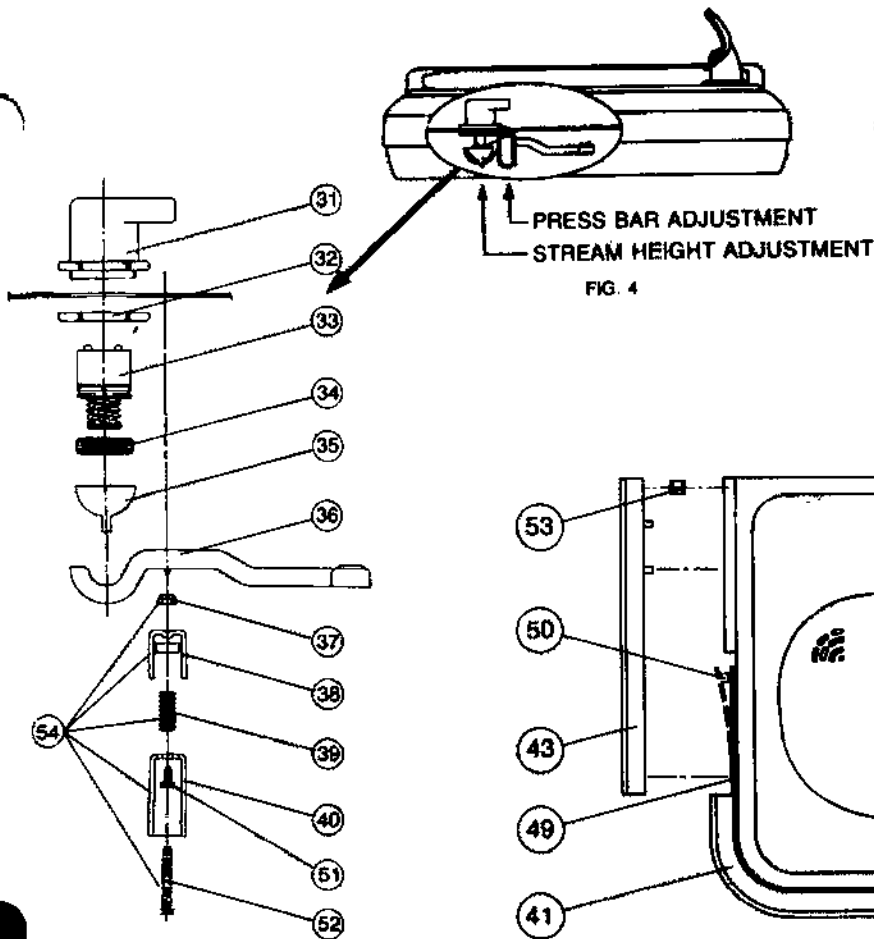


FIG. 4

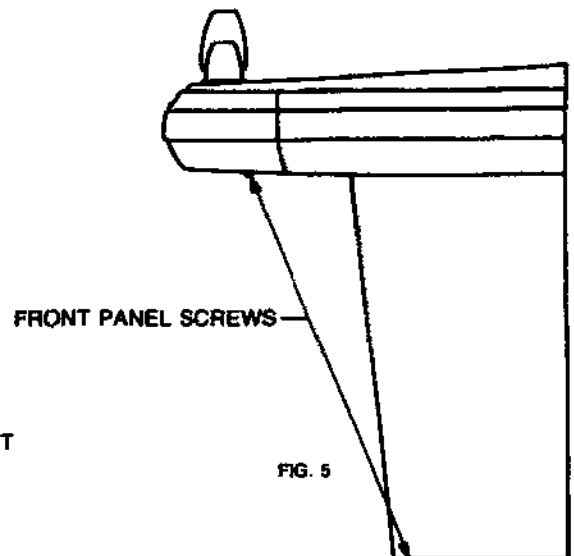


FIG. 5

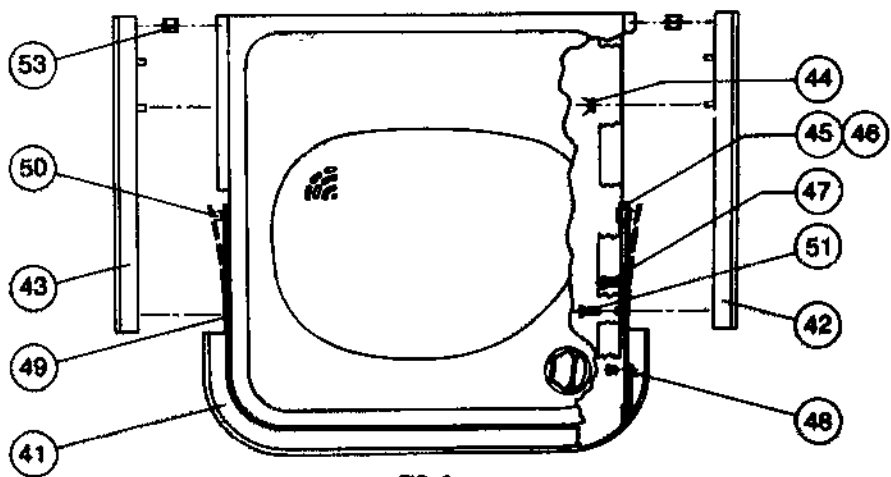


FIG. 6