

With FLEXI-GUARD®

Installation/Care/Use Manual

USES HFC-134A REFRIGERANT

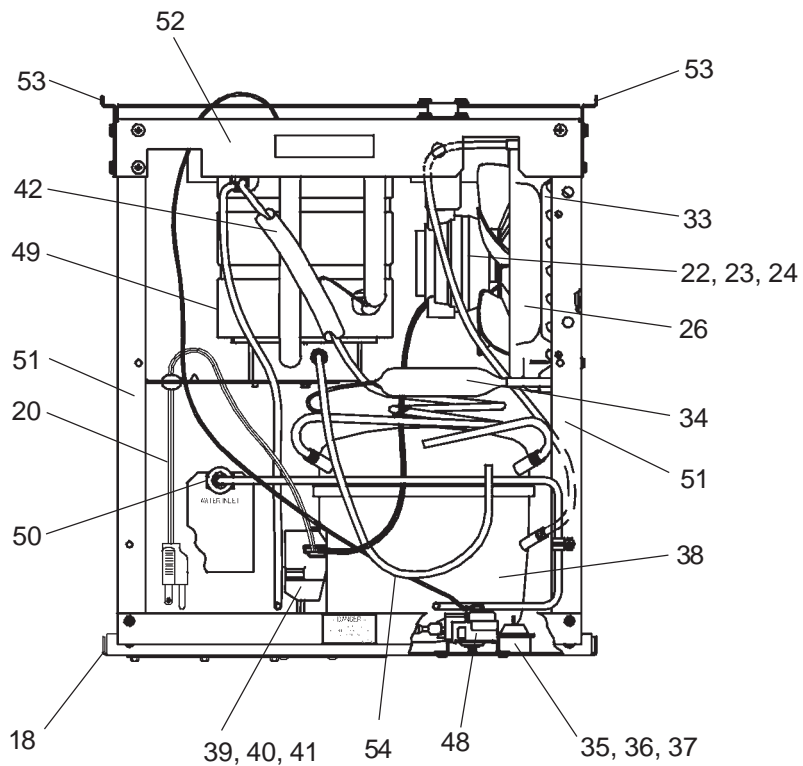
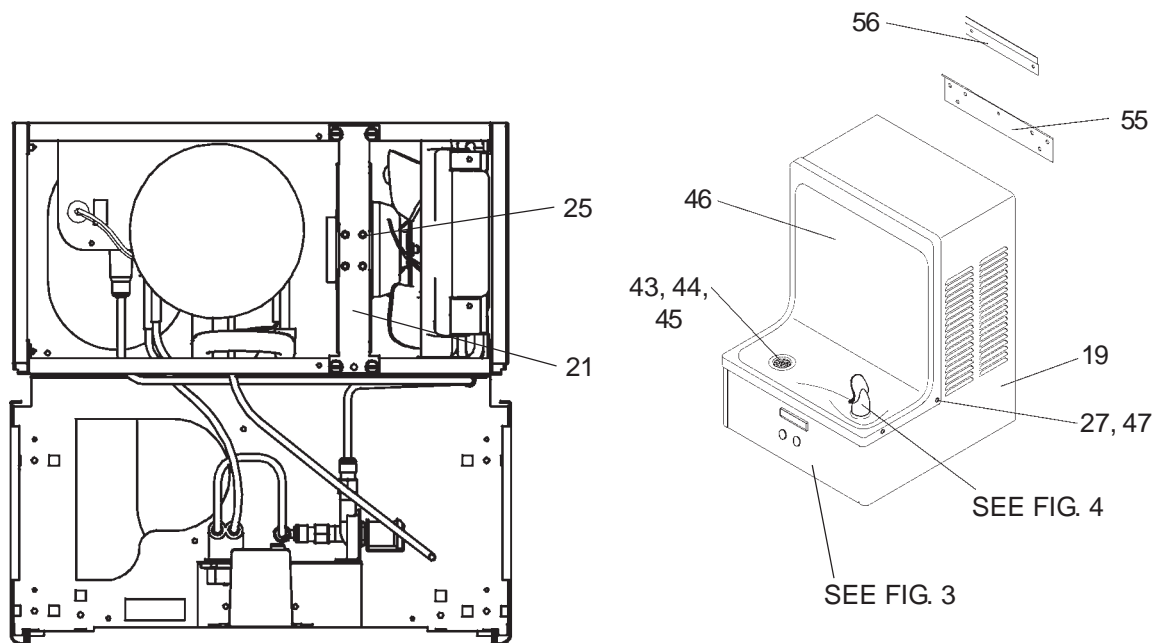


FIG. 1

SENSOR RANGE ADJUSTMENT: The electronic sensor used in this cooler is factory pre-set for a "visual" range of 36 inches (914 mm). If actual range varies greatly from this or a different setting is desired, follow the range adjustment procedure below:

- A. Remove front panel of cooler.
- B. Using a small tip screwdriver, rotate range adjustment screw clockwise to increase range and counterclockwise to decrease range (See Fig. 3).

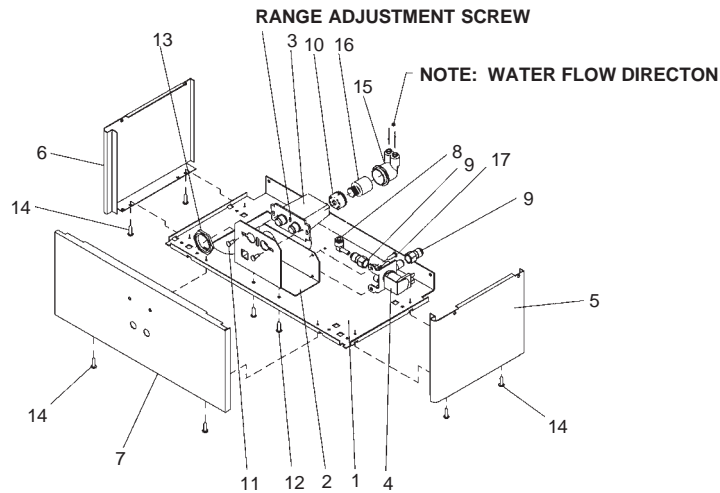
CAUTION: Complete range of sensor (24-46 inches/610-1168mm) is only one turn of the adjusting screw.

- C. Replace front panel.

SENSOR CONTROL: If sensor fails to operate valve mechanism or operates erratically, check the following.

- A. Ensure there are no obstructions within a 40 inch (1016mm) radius in front of cooler.
- B. Check wire connections at the solenoid valve and sensor. **CAUTION:** Make sure unit is unplugged before checking any wiring.
- C. Ensure proper operation of solenoid valve. If there is an audible clicking sound yet no water flows, look for an obstruction in the valve itself or elsewhere in the water supply line.

FIG. 3



HANGER BRACKETS & TRAP INSTALLATION

- 1) Remove hanger brackets fastened to back of cooler by removing one (1) screw.
 - 2) Mount the hanger brackets and trap as shown in Figure 2.
- NOTE:** Hanger Brackets MUST be supported securely. Add fixture support carrier if wall will not provide adequate support.

IMPORTANT:

- Anchor hanger securely to wall using all six (6) 1/4 in. dia. mounting holes.
- 3) Install straight valve for 3/8" O.D. unplated copper tube.

INSTALLATION OF COOLER

- 4) Hang the cooler on the hanger brackets. Be certain the hanger brackets are engaged properly in the slots on the cooler back as shown in Figure 2.
- 5) Loosen the two (2) screws holding the lower front panel at the bottom of cooler base. Remove the front panel and set aside.
- 6) Connect water inlet line--See Note 4 of General Instructions.
- 7) 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.

START UP

Also See General Instructions

- 8) Stream height is factory set at 35 PSI. If supply pressure varies greatly from this, adjust screw, accessible by removing front panel (Item 7, Fig. 3). CW adjustment will raise stream and CCW adjustment will lower stream. For best adjustment, stream should hit basin approximately 6-1/2" (165mm) from bubbler.
- 9) Replace the front panel and secure by retightening two (2) screws.

ITEM NO.	PART NO.	DESCRIPTION
1	26588C	Panel-Bottom Dispenser
2	26866C	Bracket-Valve Mounting
3	36028C	Sensor-Clear (115V & 230V)
4	31272C	Solenoid Valve (115V)
	35784C	Solenoid Valve (230V)
5	See Color Table	Panel-Right Side
6	See Color Table	Panel-Left Side
7	See Color Table	Panel-Front
8	70817C	Elbow 1/4 Stem x 1/4 O.D.
9	75507C	Fitting 1/4 NPTF x 1/4 O.D.
10	56082C	Nut-Regulator
11	70644C	Screw-#6-32 x 1/2" Lg. PHMS
12	75497C	Screw-#10 x 1/2" Lg. PHSM
13	40045C	Hex Nut
14	70864C	Screw-#8 x 5/8" Lg. Torx/Slot
15	50986C	Holder-Regulator
16	61314C	Regulator
17	70002C	Screw-#10 x 1/2" Lg. HHSM

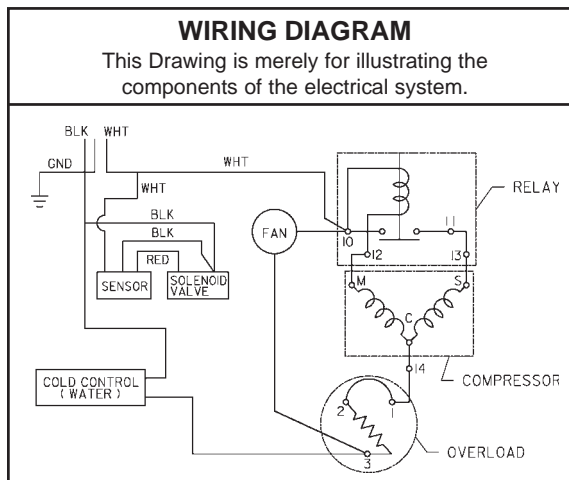
COLOR TABLE

PANEL COLOR	Item No. 5 Part No.	Item No. 6 Part No.	Item No. 7 Part No.
Gray Beige	26635C	26605C	26731C
Almond	26636C	26606C	26732C
Stainless Stl	26637C	26607C	26733C
Sandalwood	26638C	26608C	26734C
Granite	26641C	26611C	26737C
Light Gray	26642C	26612C	26738C

PARTS LIST 115V

ITEM NO.	PART NO.	DESCRIPTION
18	27097C	Frame - Back/Bottom
19	See Color Table	Wrapper
20	36208C	Power Cord
21	27095C	Fan Bracket
22	30664C	Fan Blade
23	70018C	Hex Nut - Fan Blade
24	31490C	Fan Motor 115V
25	70009C	Screw - Fan Motor
26	56237C	Shroud - Fan
27	70142C	Clip (Front and Rear Panels)
28	56073C	Bubbler Assembly
29	40322C	Orifice Assembly
30	55997C	Pedestal
31	56011C	Housing Assembly
32	75580C	Locknut
33	66743C	Condenser
34	66703C	Drier
35	50144C	Grommet - Compressor Mtg.
36	70184C	Hair Pin - Cotter
37	70150C	Washer
38*	36094C	Compressor Serv. Pak EMI 70 HNR
39	36158C	Overload
40	35768C	Cover - Relay
41	35959C	Relay
42	66576C	Heat Exchanger
43	40572C	Tailpipe
44	40575C	Strainer Assy
45	50074C	Gasket - Tailpipe
46	21222C	Basin
47	75536C	Screw - Basin Mtg.
48	31513C	Cold Control
49	66534C	Evaporator Assy
50	55996C	Strainer
51	27093C	Angle - Bracket Corner
52	27094C	Bracket - Front Support
53	27096C	Bracket - Basin Mtg.
54	56092C	Poly Tubing (Cut To Length)
55	20430C	Bracket - Hanger
56	20774C	Bracket - Hanger

COLOR TABLE	
WRAPPER COLOR	Item No. 19 Part No.
Gray Beige	22706C
Almond	22707C
Stainless Steel	22708C
Sandalwood	22709C
Granite	22711C
Light Gray Beige	22712C



PARTS LIST 220V

ITEM NO.	PART NO.	DESCRIPTION
20	35987C	Power Cord
24	31430C	Fan Motor
38*	36085C	Compressor Serv. Pak EM65
39	36195C	Overload
40	35768C	Cover - Relay
41	36050C	Relay
42	66552C	Heat Exchanger
-	35826C	Power - Inlet

***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 or orders for repair parts MUST include Model No. and Serial No. of cooler, name and part number of replacement part.

