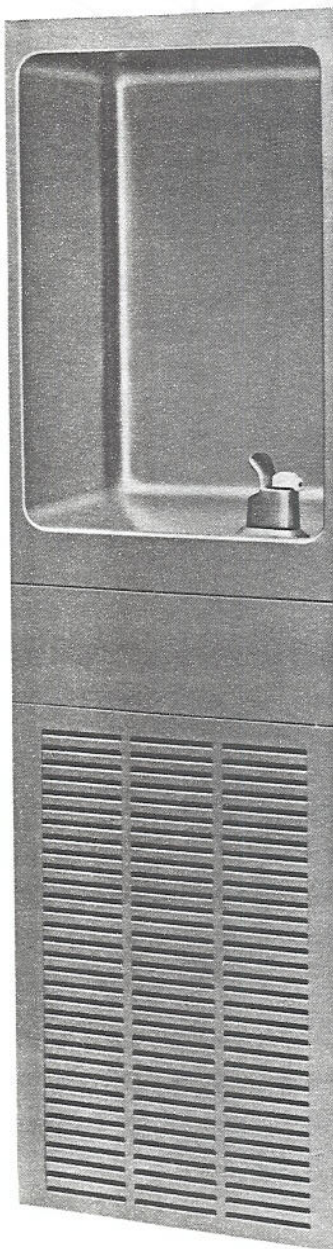


# SERVICE INSTRUCTIONS

...with Illustrated Parts Breakdown

## EBCO<sup>®</sup>

### WATER COOLER MODELS: EP5F, EP10F, EPF



#### DESCRIPTION

These models provide drinking water cooled to 50° F at 5 and 10 gallons per hour. Model EPF is non-refrigerated. The unit mounts fully recessed into a wall and requires connections to supply water, electrical power and waste drain.

The refrigeration system is hermetically sealed at manufacture and is generally considered to be non-field serviceable. The air-cooled compressor pumps refrigerant through the fan-cooled condenser and a capillary tube (expansion valve) to the cooling tank evaporator. The evaporator is wrapped around the cooling tank for high efficiency.

The electrical circuit includes automatic overload protection, and an adjustable cold control for water temperature regulation.

#### SPECIFICATIONS

Voltage	115 VAC $\pm$ 10%/1PH/60 Hertz
Size	60" H., 18" W., 11" D.
Shipping Weight (Approx)	144 LBS.
Cold Water Capacity*	5 and 10 GPH
Compressor	1/5 HP
Compressor (Full Load)	5.0 Amps
Refrigerant	R-500
Refrigerant Charge	4-5/8 OZ.

\*A.R.I. Rating: Room Temperature 90° F; Supply Water Temperature 80° F; Drinking Water Temperature 50° F.

Specifications subject to change without notice.

# PARTS LIST

ITEM NO.	DESCRIPTION	EP5F	EP10F	EPF
1	Top Assembly . . . . .	024193	024193	024193
	Top Assembly – Bronze . . . . .	024432	024432	024432
2	Plumbing Cover . . . . .	024202	024202	024202
3	Grille . . . . .	024438	024438	024438
	Grille – Bronze . . . . .	024444	024444	024444
4	Valve . . . . .	026551-002	026551-002	026551-002
	Valve – Bronze . . . . .	022607	022607	022607
5	Gasket . . . . .	008983	008983	008983
6	Friction Washer . . . . .	009281	009281	009281
7	Valve Spud Screw . . . . .	026680-005	026680-005	026680-005
8	Gasket (Under Top) . . . . .	010545	010545	010545
9	Strainer . . . . .	024207	024207	024434
10	Waste Gasket . . . . .	011416	011416	011416
11	Waste Tailpiece . . . . .	019915	019915	019915
12	Cooler to Valve Tube . . . . .	024409	024409	024409
13	Water Supply Tube . . . . .	024425	024425	---
14	Male Flare Fitting . . . . .	021558	021558	---
15	Screw . . . . .	026680-007	026680-007	026680-007
16	Wrapper . . . . .	024372	024372	---
17	Rear Panel . . . . .	024376	024376	---
18	Condenser . . . . .	024363	024363	---
19	Fan Blade . . . . .	022059	022059	---
20	Fan Motor . . . . .	024585	024585	---
21	Fan Motor Bracket . . . . .	024364	024364	---
22	Shroud . . . . .	024365	024365	---
23	Front Panel . . . . .	024758	024758	---
24	Fan Guard . . . . .	024968	024968	---
25	Cold Control . . . . .	027040-001	027040-001	---
26	Rear Cooling Tank Insulation . . . . .	023721	023721	---
27	Front Cooling Tank Insulation . . . . .	023722	023722	---
28	Cooling Tank and Heat Exchanger . . . . .	025112	025112	---
29	Partition . . . . .	024367	024367	---
30	Compressor (Includes 32 and 33) . . . . .	020537	020537	---
31	Overload . . . . .	022456	022456	---
32	Relay . . . . .	018461	018461	---
33	Base . . . . .	024368	024368	---
34	O-Ring . . . . .	020965	020965	---
35	Drain Plug . . . . .	020966	020966	---
36	Fully Recessed Wall Box . . . . .	024272	024272	024272
37	Service Cord . . . . .	024818	024818	---
NOT SHOWN:	Junction Box . . . . .	024796	024796	---