

SSFM-100 Recirculating Brominator Systems

BROMINE SYSTEMS, INC.

*Super Water Disinfection
Hazardous Areas Offshore*



SSFM-100BC-SYS
P/N 16909G
Replaces P/N EV906404

SSFM-100CC-SYS
P/N 169092
Replaces P/N EV906406

SSFM-100DC-SYS
P/N 169094
Replaces P/N EV906408



Bromine Systems, Inc.
Bromine Cartridge P/N
255340-406
Replaces P/N EV954006

BENEFITS

- Simple to operate – No chemicals to mix
- Safe to handle – Not a fire or explosion hazard
- Effective Disinfectant – More effective across a broader pH range than chlorine
- Bromine is 4-10 times less noticeable in water than chlorine giving you better-tasting water
- Global service and parts availability
- Depended on by USN, USCG and offshore oil and gas rigs for safe, reliable water
- Recognized by the U.S. Navy as the safest, most reliable, and easy-to-use method of water disinfection aboard ship
- Requires no additional chemicals – Bromine cartridges are ready to use and require just 30 seconds to change
- Automatically delivers bromine to water in a constant ratio
- Available as a non-magnetic unit for special applications

BROMINATION FOR SAFE, POTABLE WATER

Bromine Systems, Inc. recirculating bromine feeders add a predetermined quantity of elemental bromine into potable water tanks to ensure the potable water is bacteriologically safe for human consumption. Everpure recirculating bromine feeders add convenience to shipboard water treatment by allowing multiple tank treatment from one location. Bromine Systems, Inc. is the manufacturer of bromine feeders and the manufacturer of the Bromine Systems, Inc. Brominating Cartridge (NSN 4610-01-022-9970). Equipment manufactured by Bromine Systems, Inc. is installed aboard nearly every U.S. Navy surface vessel and submarine, USCG Cutters, USACE, NOAA, and numerous offshore oil, gas and production platforms. The Bromine Sysytems, Inc. Brominating Cartridge is recognized as the safest, most reliable, most effective and easy-to-use water disin-fectant for marine applications; no more chemicals to mix, no fragile pumps and valves that clog, no flammable and/or explosive reactions with organics (fuel oils, paint,etc).

SPECIFICATIONS

Dimensions

14"W x 44"H x 20¼"D

Dry Weight

SSFM-100BC-SYS: 119 lbs. (54 kg)

SSFM-100CC-SYS: 133 lbs. (60.3 kg)

SSFM-100DC-SYS: 141 lbs. (64 kg)

ELECTRICAL REQUIREMENTS

The recirculating brominator feeder requires a 115 VAC power supply capable of supplying 1.5 amperes of current.

MOUNTING

The recirculating brominator feeder should be bulkhead mounted within reasonable proximity to the motor-pump and the line starter. A minimum of 13 inches overhead clearance is required above the feeder assembly for easy removal of the disposable bromine cartridge. For convenience, the instruction plate with operating procedure should be bulkhead mounted adjacent to the recirculating bromine feeder.

PLUMBING TERMINATIONS

Male quick disconnect coupling valve fittings are provided to mate with the installation kit hoses for interconnection to the motor-pump and potable water tank serviced.

ORDERING INFORMATION

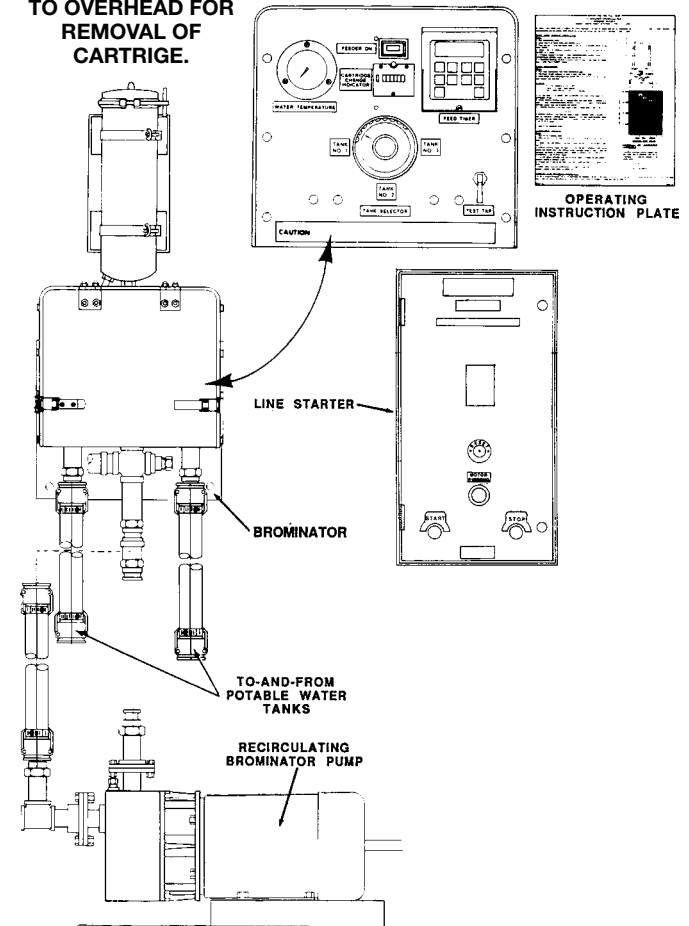
BROMINATOR MODEL	PART NO.	REPLACES PART NO.	NO. OF TANKS SERVICED
SSFM-100BC-SYS	169090G	EV906404	2
SSFM-100CC-SYS	169092	EV906406	3
SSFM-100DC-SYS	169094	EV906406	4

INSTALLATION KITS

In addition to your recirculating brominator, a separately ordered motor-pump, line starter and installation kit are required to make up the system. The installation kit comes complete with interconnecting hoses and fittings.

BROMINATOR MODEL NO.	INSTALLATION KIT PART NO.	REPLACES PART NO.
SSFM-100BC-SYS	169085	EV906332
SSFM-100CC-SYS	169086	EV906333
SSFM-100DC-SYS	169087	EV906334

ALLOW 13" MINIMUM FROM TOP OF FEEDER TO OVERHEAD FOR REMOVAL OF CARTRIDGE.



NOTES

A potable water storage tank should be treated whenever it is filled from a shore source, or whenever there is no measurable bromine residual in the tank. A measurable bromine residual will insure the water is safe to drink.

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