

# SSFM-100M-15 & SSFM-100M-25 Recirculating Brominators

**BROMINE SYSTEMS, INC.**

*Superior Water Disinfection in  
Hazardous Areas Offshore*



**SSFM-100M-15**  
**P/N 169084**  
Replaces P/N EV906115

**SSFM100M-25**  
**P/N 169083**  
Replaces P/N EV906114

## Recirculating Brominator BENEFITS

Recognized by the U.S. Navy and offshore industry as the

- safest, most reliable, and easy-to-use method of water disinfection aboard ship or rig/platform
- Is completely mechanical, and requires no electricity
- Constructed of durable materials to withstand severe marine environments
- Mounted on a 24" X 28" steel plate for easy installation
- Recirculates tank-stored water
- Requires no additional pump to operate—existing pressure set pump is sufficient
- 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
- SSFM-100M-15 recirculates at 15 gpm
- SSFM-100M-25 recirculates at 25 gpm

## SPECIFICATIONS

### Dimensions

24"W x 28"H X 8"D

### Weight

75 lbs. (34.0 kg)

Dry Weight: 45 lbs. (20.4 kg)

### Recirculation Rate

15 gpm SSFM-100M-15

25 gpm SSFM-100M-25

Mechanical time valve controls treatment cycle.

Recirculating loop piping should not be smaller than 1" ID.

### NO ELECTRICAL COMPONENTS

The Bromine Systems, Inc. Models SSFM-100M-15 & SSFM-100M-25 Recirculating Brominators feed a set quantity of bromine into a potable water tank ensuring that the water is bacteriologically safe to drink. These brominators are designed with no electrical components, making it ideal for explosion-proof environments.

### MOUNTING

Select a location suitable for supporting the weight and dimensions of the brominator before mounting. The mounting plate is 24" X 28" with four (4) mounting holes for buyer supplied screws, nuts and lock washers. All installation piping is buyer supplied.

### PLUMBING TERMINATIONS

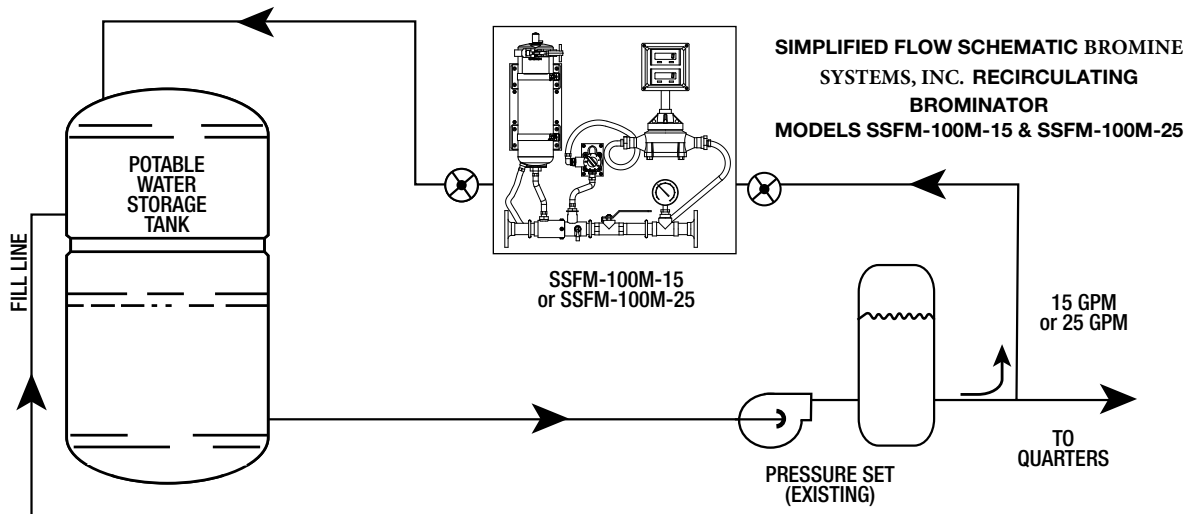
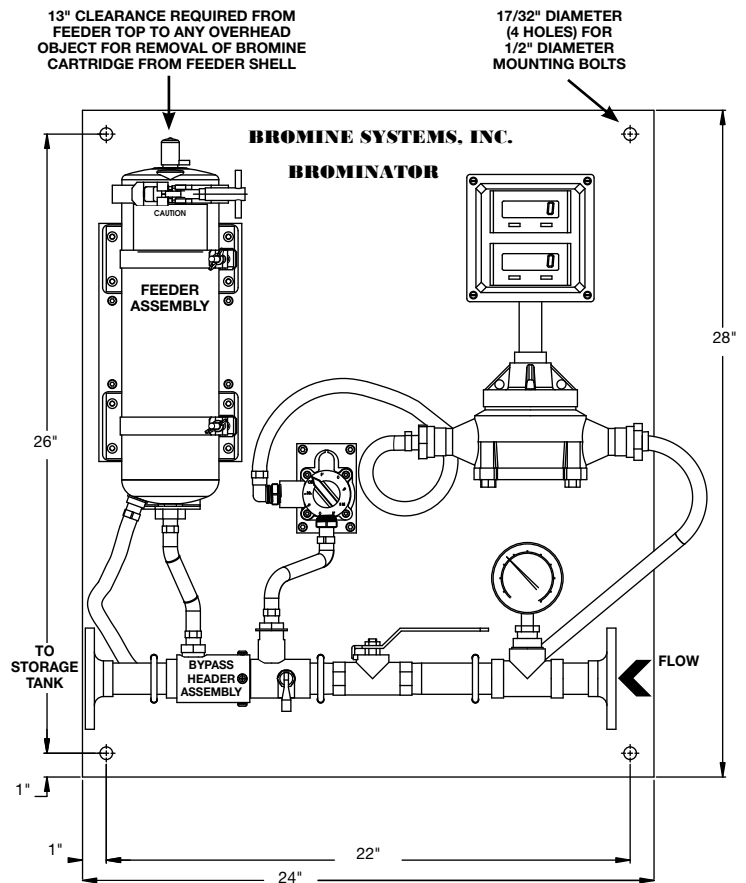
The recirculating bromine feeder bypass header is designed for mounting between two (2) 1" IPS commercial flanges.

### 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. No additional pump is required. The pump on the pressure set will be sufficient.

Water meter monitors flow through the bromine cartridge and serves as the cartridge change indicator.

Treated water leaving the bromine cartridge will be slightly corrosive. It is recommended that the pipe returning to the storage tank be either brass, bronze or plastic.



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