Hale foam proportioning systems are designed and manufactured to the highest standards. A properly maintained system provides years of reliable service. Proper operation and maintenance includes using the appropriate approved foam concentrate and proper operational checks of the system.

IMPORTANT: The system installer, OEM and end user must verify that the foam chemical being used is compatible with the system by referring to the latest version of Hale Bulletin 650.

Additionally, consult with the foam chemical manufacturer for any recommendations, if any, as to how frequently the foam system should be operated to prevent gelling or similar concentrate degradation. Foam chemical manufacturers may have different requirements so be sure to check on the specific brand of foam chemical being used. Different brands and sometimes, different part numbers for foam chemical may have vast differences in handling and use instructions. Some foam chemical may deteriorate quickly in the foam pump causing a jammed pump or accelerated wear.

For prolonged service life and reliable use of Hale foam systems the following information is provided as clarification of the requirements for flushing after use and periodic operational checks.
For all Hale foam systems; V-Series 1.0, 2.5 and 3.0; FoamLogix 2.1A; FoamMaster Model 3.3 & 5.0 and FoamLogix Model 3.3 & 5.0:

When USFS approved Class A foam concentrates listed on Bulletin 650 are used, it is not necessary to flush the system after each use as long as the system is expected to be used within 8 to 10 weeks or a time recommended by the foam chemical manufacturer, whichever is less. Leaving the foam pump wet with Hale approved Class A foam concentrate provides for faster concentrate injection when required for the next operation. While it is acceptable to store a Class A foam system without flushing, regular operational checks of the foam injection system provide a means to verify system and concentrate integrity. The minimum recommended periodicity of foam system operational checks is monthly with the maximum idle period being three months.

For Hale FoamMaster Model 3.3 & 5.0 and Hale FoamLogix Model 3.3 & 5.0

Use approved Class A and Class B foam concentrates from Bulletin 650. After use of Class B foam concentrates these systems MUST be flushed according to the instructions in the operation manual before returning the apparatus to standby mode. If equipped with a dual tank system and tank “A” is filled with the appropriate approved class A foam the system can be returned to the A tank and stored wet to have the system ready for the next call. While it is acceptable to store the Hale foam system wet with approved Class A foam, regular operational checks of the foam injection system provide a means to verify system and concentrate integrity. The minimum recommended periodicity of foam system operational checks is monthly with the maximum idle period being three months.

Flush Provision for Hale Class A Foam Systems; V-Series 1.0, 2.5 and 3.0; and FoamLogix 2.1A

Hale Class A foam systems; V-Series 1.0, 2.5 and 3.0; and FoamLogix 2.1A do not come with fittings for flushing water. This is part of the installer scope of supply. The end user may specify that the system installer/apparatus builder install flushing capabilities in the event a Hale approved Class A foam concentrate is not readily available near the end user. When making flush water connections for these systems care must be taken that the maximum flushing water pressure be limited to 50 PSI (3 BAR) as the inlet strainer of these pumps is only rated at that pressure.

Further information can be found in the user manual for each Hale Foam system. The latest version of Bulletin 650 is available on the Hale Products, Inc. web site at www.haleproducts.com.