

IMPORTANT!

When provision for flushing is specified by the end user, the installer must provide the fittings necessary for flushing the foam system to be NFPA compliant. These components are:

- Foam concentrate check valve** - prevents water contamination of foam tank.
- Tee** - to connect flush water hose to foam concentrate hose.
- Flush Water Check Valve** - prevents foam contamination of water system.
- Flush Water Shut-Off Valve** - Controls the flow of flushing water.
- Pressure Reducer** - Required to limit flushing water pressure to 50 PSI (3.5 BAR) to prevent damage to the concentrate strainer.

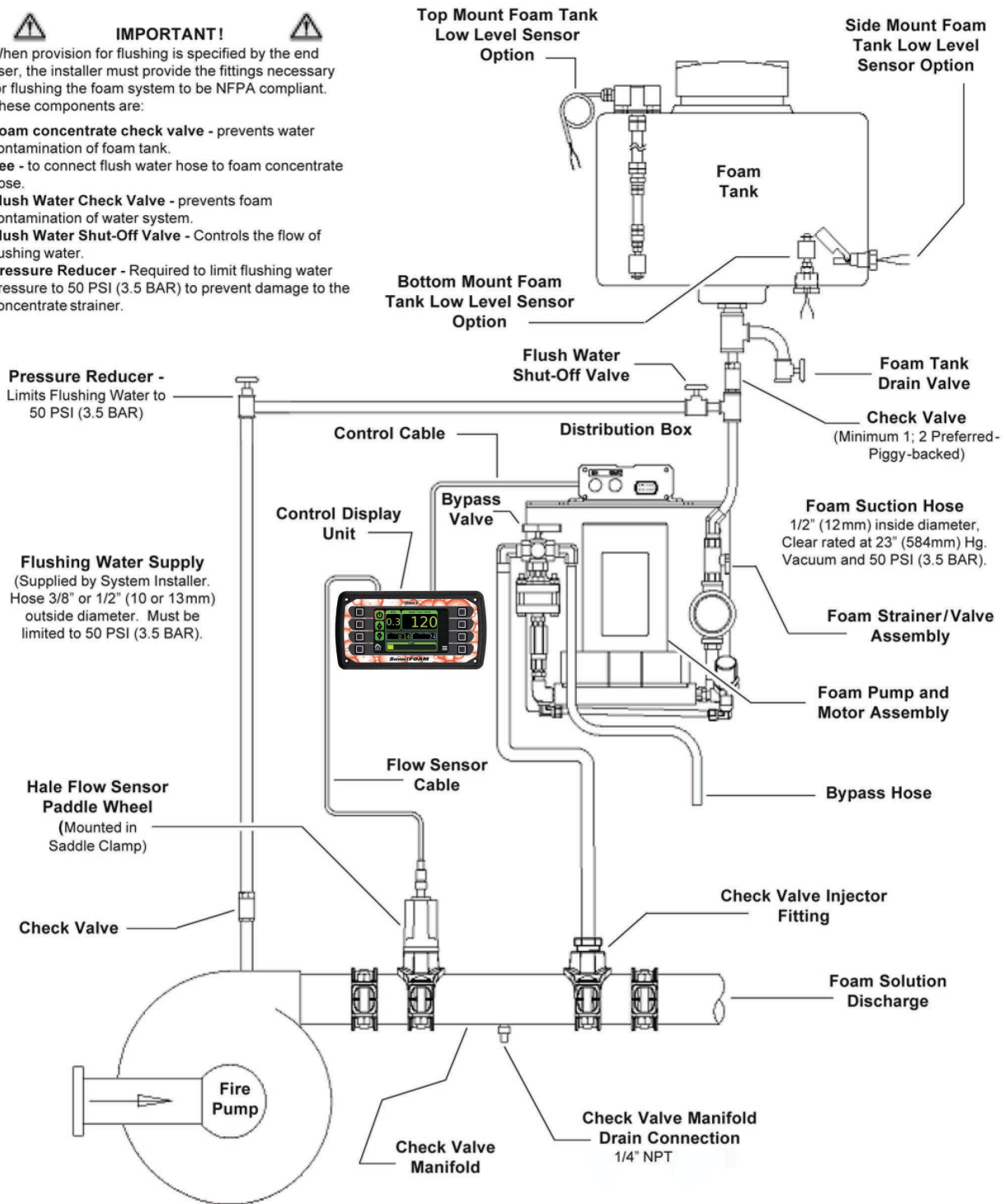


Figure 1: Typical Hale SmartFOAM 2.1A and 1.7AHP System



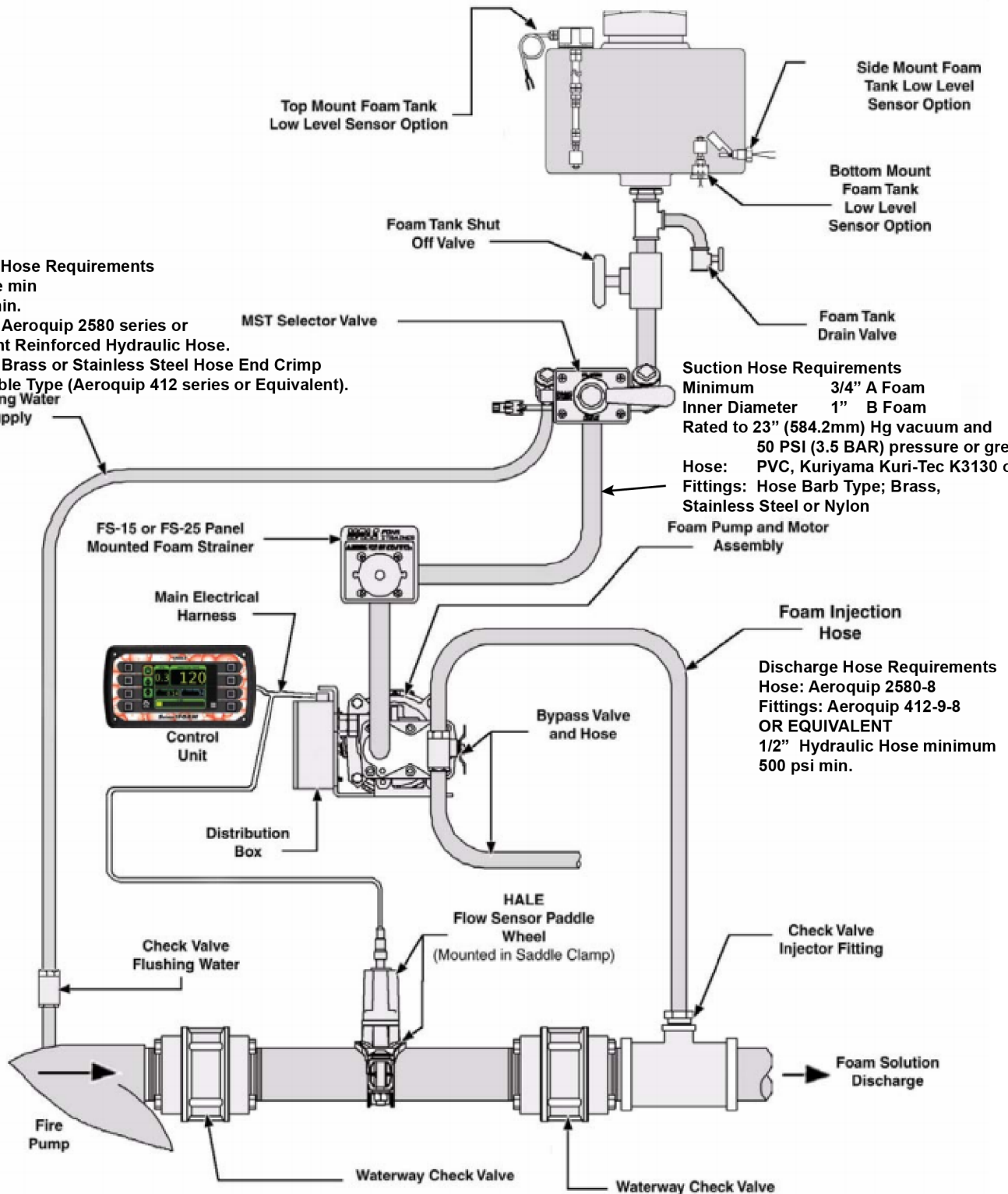
Single Tank Hose Installation Quick Reference Guide Rev A

Flushing Hose Requirements
1/2" Hose min
500 psi min.

Hose: Aeroquip 2580 series or
Equivalent Reinforced Hydraulic Hose.
Fittings: Brass or Stainless Steel Hose End Crimp
or Reusable Type (Aeroquip 412 series or Equivalent).

Suction Hose Requirements
Minimum 3/4" A Foam
Inner Diameter 1" B Foam
Rated to 23" (584.2mm) Hg vacuum and
50 PSI (3.5 BAR) pressure or greater.
Hose: PVC, Kuriyama Kuri-Tec K3130 or K7130
Fittings: Hose Barb Type; Brass,
Stainless Steel or Nylon

Discharge Hose Requirements
Hose: Aeroquip 2580-8
Fittings: Aeroquip 412-9-8
OR EQUIVALENT
1/2" Hydraulic Hose minimum
500 psi min.



Note: Certain types of Class "B" AFFF-ARC or ATC concentrates require a 1-1/4" or 1-1/2" (32mm or 38mm) ID foam concentrate supply line.

Note: NFPA requires that foam concentrate suction hose be clear to observe foam concentrate flow during foam pump operation.

