Figure 1: Typical Hale SmartFOAM 2.1A and 1.7AHP System
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 412-8-8 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 36mm) ID foam concentrate supply line.

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