

Fomtec Technical Advices

FTA No. 100 a

Transitioning BFZ inductor systems to SFFF

Properly designed and installed Fomtec BFZ inductor systems can be converted from Newtonian AFFF to non Newtonian SFFF. Systems with high flows and relative high pressure handle products such as Fomtec Enviro USP or Fomtec Enviro ARK without any major modifications.

We recommend a change of suction pipe to one size larger. The major work transitioning from AFFF to SFFF will in be the removal of the old foam as well as the cleaning of or preferably complete change of concentrate tank and concentrate pipes to avoid contamination of the SFFF.

Our inductors are, unless other is agreed, calibrated to give approx. 3.5 % for 3% systems and 6,5% for 6% systems, even with a slight reduced induction, the inductor will be able to reach an induction rate within the NFPA requirements of:

3% foam = 3-3.9%

6% foam = 6-7%

If the measured induction ratio still should fall below the lower limit, this can be corrected by slight adjustment of the orifice plate, but we do not expect this to be an issue under normal circumstances.

For general BFZ inductor trouble shooting we refer to FTA 100.