

FEATURES

- Friction loss up to 5 bars does not influence proportioning ratio
- Performs with all foam compounds including AR-AFFF
- Effective with 100 m hose to 36 m height
- Variable induction at 3% and 6%

Application

Variable in-line inductors are used to mix foam concentrate with water when the foam concentrate is supplied from a tank at atmospheric pressure. This in-line inductor has a better tolerance to back pressure and better foam concentrate suction than a standard in-line inductor.

The HP- Z 400 inductors are connected to the water line. They can be placed far from the foam branch-pipe, as they can accommodate up to 5 bar pressure loss in the hose.

Recommended Foam Concentrates

The inductor performs with all types of foam concentrates, including high viscosity alcohol resistant concentrates at 3% or 6% proportioning rate.

Options

The HP inductors could be delivered with the following options:

- Stortz couplings
- BS-couplings
- Different mixing ratios



The induction rate is easy to change between 3% and 6%



The HP- Z 400 in-line inductor is constructed for a pre-calculated water flow. It creates a pressure drop in the water pressure of about 30-33% at that flow. Foam is drawn through a 25 mm pick-up tube from a container at atmospheric pressure. The pre-set flow of foam concentrate is continuously added to the water stream.

Friction loss through the hose and static pressure loss of up to 5 bars does not influence the induction rate. A special control valve built into the base of housing produces this outstanding performance. A non-return valve prevents water flow back into the foam container once the water supply is turned off.

Technical data

Nominal water flow	400 lpm
Mixing ratios	3% and 6%
Foam inlet	Stortz D-coupling
Inlet	2" BSP FM thread
Outlet	2" BSP M thread
Material	Brass
Length	310 mm
Height	185 mm
Width	140 mm
Weight	4.0 kg
Part no.	20-4000-03
Pick up tube 1,5 m.	20-2300-00