

FEATURES

- **Fixed between-flange installation**
- **Flow rate up to 6600 lpm**
- **High back pressure**
- **High suction height**
- **Suited ARC foams**

Description

The Fomtec BFZ (Between Flange) inductor series represents an extension of the existing line of Z-inductors for fixed use. The BFZ 6" can be used at flow rates up to 6600 lpm.

Application

The BFZ inductor can be installed in all fixed systems, especially in areas where sprinklers are used such as storage facilities and aircraft hangars.

Operation

The BFZ is installed inside the pipe work between two DN flanges. The BFZ works using the injector principle, i.e. foam concentrate is sucked into the inductor without using a foam pump. Both low and high viscosity concentrates can be used in conjunction with the BFZ.

Depending on the requested flow, pressure, foam concentrate type and proportioning ratio the inductor will be equipped with the exact orifice at the entry of the foam pipe. Induction performance and suction height can be adjusted up to a physical limit of approximately 8 meters.

Optional

The Fomtec BFZ inductor can be customized to handle a variety of flow rates as well as high viscous alcohol resistant concentrates.



Technical data

Model	BFZ 6"
Size	DN 150
Foam inlet	2"
Flow Rate (max)	6600 lpm
Flow rate (min)	1100 lpm
Proportioning rate	1, 3 or 6 %
Pipe length upstream	5 x Ø
Pipe length downstream	5 x Ø
Suction height (max)	3 m
Inlet pressure (max)	16 bar
Inlet pressure (min)	4 bar
Pressure drop	35%
K Factor	550-2000
Flange type	DN 150 / PN 16
Between flange proportions	70 mm
Weight	21 kg
Length	450 mm
Material	Bronze

