



Application

Fixed foam systems where a variable flow rate can occur, such as in sprinkler systems or multiple deluge systems.

Recommended Foam

All types of foam concentrates with induction rates of 1%, 3% or 6% can be used. For ARC (alcohol resistant) foam concentrate a special calibration is necessary and should be mentioned when ordering.

Technical Data

Size:	DN 200
Foam inlet female:	R 2½"
Flow range:	150–15000 lpm
Proportioning rate (pre-calibrated):	1%, 3% or (6%*)
Inlet pressure (max):	16 bar
Inlet pressure (min):	5 bar
Pipe length upstream:	1000 mm
Pipe length downstream:	1000 mm
Flange type:	DIN PN16
Between flange proportions:	88 mm
Height:	430 mm
Weight:	48 kg
Material:	Bronze, compatible with all foam concentrates

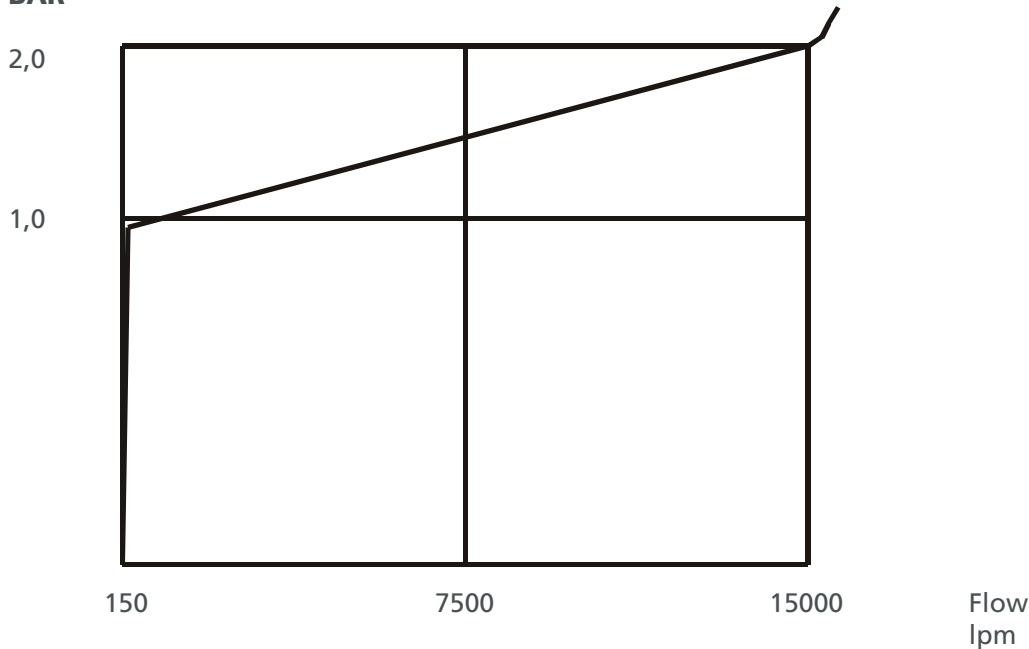
Operation

The WRP 8" FP is designed to work with Foam Pumps and can be installed horizon-tally or vertically with a minimum pipe length of 5 times the diameter before and 3 times after the WRP. The foam inlet is connected to the foam pump. The operating temperature should be above 0°C. The proportioning ratio is constant over the whole flow range.

Key Data

The Wide Range Proportioner, WRP, for Foam Pumps offers an exact presettled proportioning ratio of 1%, 3% or 6% over a wide water flow range between 150 lpm and 15000 lpm. The maximum pressure loss is not more than 1,5 bars at 12000 lpm flow. The foam inlet is equipped with a nonreturn valve to prevent water from going back into the storage tank.

Pressure drop BAR



Proportioning

