

### FEATURES

- **Fixed proportioning ratio 1%, 3% or 6%**
- **Water flow 70 - 7,000 lpm**
- **Between flange construction**
- **Suitable for ARC foam concentrates**
- **Easy to install**
- **Accurate balance valve**

### 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 AR (alcohol resistant) foam concentrate a special calibration is necessary and should be mentioned when ordering.

### Operation

The WRP 6" 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 pre-settled proportioning ratio of 1%, 3% or 6% over a wide water flow range between 70 lpm and 7,000 lpm. The maximum pressure loss is not more than 2.3 bars at 7,000 lpm flow. The foam and the water line are connected to a balance valve that guarantees the pressure difference between water and foam concentrate.



### Technical Data

Model	WRP 6" FP
Size	DN 150
Foam inlet female	R 2"
Flow range	70 - 7 000 lpm
Proportioning rate (pre-calibrated)	1%, 3% or 6%
Inlet pressure (max)	16 bar
Inlet pressure (min)	5 bar
Pipe length upstream	750 mm
Pipe length downstream	750 mm
Flange type	DIN PN16
Between flange proportions	69 mm
Height	330 mm
Weight	16 kg
Material	Bronze, Compatible with all foam concentrates

