

### 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**

### Description

The Fomtec WRP 6" BT is suitable for fixed foam systems where a variable flow rate can occur, such as in sprinkler systems or multiple deluge systems. The WRP allows very accurate proportioning which is constant over the whole flow range.

### 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 made in order to get optimal performance.

### Operation

The Fomtec WRP is installed inside the pipe work between two DN flanges with a minimum pipe length of 5 times the diameter before and after the WRP.

The foam inlet is connected to the bladder tank. The operating temperature should be above 0°C. Make sure that the pressure loss over the foam concentrate line from the bladder tank does not exceed 0,3 bar.

### Key Data

The Fomtec WRP BT, wide range proportioner for bladder tanks, 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 inlet is equipped with a non return valve to prevent water from going back into the bladder tank.



### Technical Data

<b>Model</b>	<b>WRP 6" BT</b>
<b>Size</b>	<b>DN 150</b>
<b>Foam inlet female</b>	<b>DN 50</b>
<b>Flow range</b>	<b>70 - 7 000 lpm</b>
<b>Proportioning rate (pre-calibrated)</b>	<b>1%, 3% or 6%</b>
<b>Inlet pressure (max)</b>	<b>16 bar</b>
<b>Inlet pressure (min)</b>	<b>5 bar</b>
<b>Pipe length upstream</b>	<b>5 x Ø</b>
<b>Pipe length downstream</b>	<b>5 x Ø</b>
<b>Flange type</b>	<b>DN 150 / PN16</b>
<b>Between flange proportions</b>	<b>69 mm</b>
<b>Height</b>	<b>280 mm</b>
<b>Weight</b>	<b>15 kg</b>
<b>Material</b>	<b>Bronze, Compatible with all foam concentrates</b>

