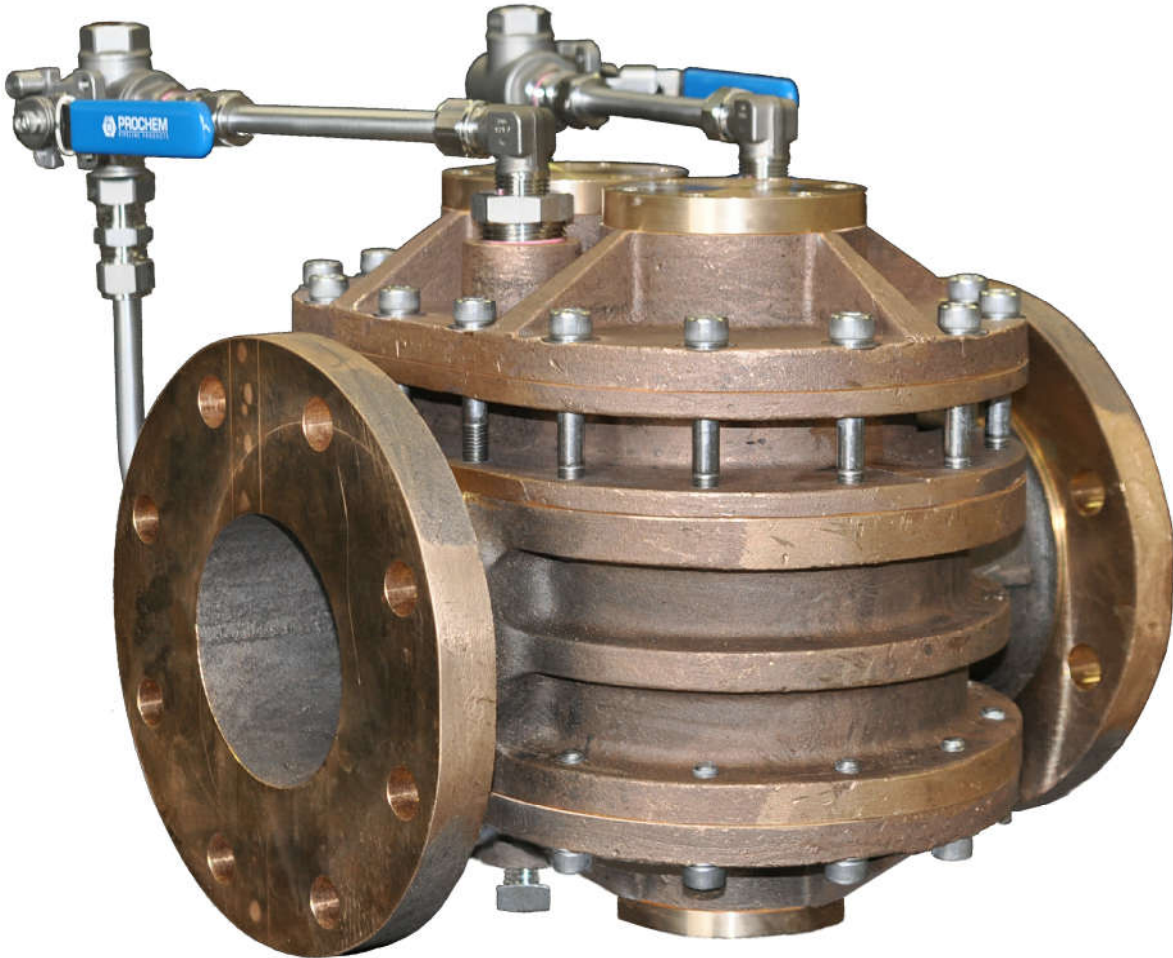


# Foam Proportioning

## TFP-6 Turbine Proportioner



Fire Engineering  
Pty Limited



### Description

The TFP-6 proportioner is a water turbine powered balanced pressure proportioner unit. Water flowing through the proportioner unit drives a foam pump where the pump speed is proportional to the water flow. A constant proportioning rate is achieved over a range of flows with relatively small pressure loss.

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### ORION FIRE ENGINEERING PTY LIMITED

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## Specifications

3% proportioning.  
Water flow Model TFP-6, 1700 lpm - 7000 lpm  
Water inlet pressure range: 700-1,100 kPag.  
Connection water: ANSI B 16.5 150# FF  
Connection foam: 50mm female BSP  
Pressure loss at maximum flow. 200 kPag

• **NOTE:** The performance envelope varies with concentrates. Contact Orion for detailed design data.

## Materials of Construction

Seawater wetted parts: Bronze BS 1400 LG2 (C83600), Option for AB2 (C95800).  
Shaft AISI 316, option for super duplex.  
Other parts on concentrate side: AISI 316.

Optional Materials. Aluminium bronze (AB2) wetted parts

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