

Bestobell Valves supplies a range of products used in the defence sector, customers include the MOD, NATO, US and Commonwealth countries. These products are used in numerous military applications, from warships, submarines through to radar installations and weapons control systems. The Birflo range of valves is used specifically for flow control of water based media, using three main valve types, Straitflo, Constaflo and Truflo.

- ☞ Warships and auxiliary support vessels use the Birflo products to manage cooling systems for on-board electronics, enabling maintained of specific flow rates, or alternatively providing warnings of insufficient or excessive flow
- ☞ Noise suppression in submarines, this technology is used to reduce the noise profiles of many submarines, through management of on-board auxiliary systems for cooling electronics and sanitary systems
- ☞ Radar systems, many land and marine based radar systems require in built cooling control systems, again Birflo has been used
- ☞ Weapons control systems, a range of Birflo products, and integrated Birflo manifolds have been custom designed for military based weapons cooling systems.

#### **Constaflo**

The Constaflo is a water flow controller using a patented device that ensures the maintenance of flow rates within +/- 10% of its rated capacity, when operating within the limits of temperature and pressure specified.

#### **Truflo**

The Truflo valve is a protective flow switch, and functions by diaphragm action brought about by a change in differential pressure created by a flow through a calibrated nozzle. The movement of this diaphragm is used to operate a micro-switch that is used to directly control the flow.



#### **Bestobell Valves**

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