

Emergency Aid Camp Infrastructure



Talflo Tap for Tapstands



The Talflo Tap is a self closing water supply valve used in conjunction with community stand posts. The Talflo Valve has been developed by the manufacturer over a considerable period of time using information received from the market place and following rigorous testing with bodies such as the Consumer Association in the UK.

In the field it has undergone endurance testing in several countries including Egypt, Nigeria and Ethiopia and has been in use for many years in the most arduous of conditions.

- Easily operated by children and the elderly.
- Robust construction withstands rigorous use and ferrous parts are plated to resist corrosion.

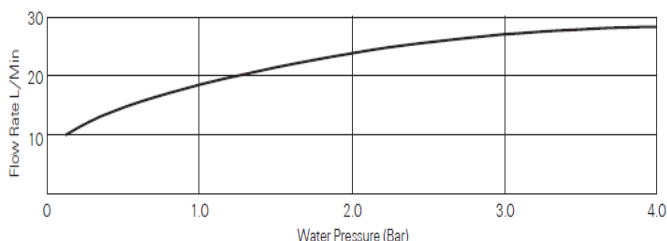
Technical data

Temperatures up to 20C

Pressures	Working	Test
Water	16 Bar	24 Bar
Gas	7 Bar	11 Bar

Temperature increases may affect the installed life of the product.

Talflo Discharge Characteristics



General Application

In June 1989 the UK Consumer Research Laboratory completed an extensive endurance test on the Talflo Valve. The project was partially funded by the Overseas Development Administration of Great Britain. The testing sought to simulate field conditions, including varying operating forces, conditions, abuse testing and varying water pressure, as well as water quality and temperature. Two valves were subjected to a total of 1,000,000 cycles each, over a period of several months.

In conclusion the report stated that:

Both valves completed the endurance test without mechanical failure and did not leak when shut which means that valuable water would not be wasted.



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Through experience we have seen that much of the wastage of the water supply is either due to leaks in the network or from wastage at the point of use, public stand posts for instance. Through our involvement in rural water supply in the developing world we have seen this precious resource wasted through the drawbacks inherent in traditional standpost valves such as bibtaps (or crutch head taps) and press top valves. Bibtaps are probably the most common standpost valve but the seat washer and screw threads wear rapidly, causing leakage. After a little use the crutch head may break off making operation of the valve very difficult or impossible and as the valve is not self closing, the operator is relied upon to turn the valve off after use. Press top valves, although self closing, may be difficult to operate, with the interior parts wearing rapidly causing leakage.

With this criteria in mind the manufacturer has developed the Talflo Tap which is a move towards the rural community's real needs, with the emphasis on simplicity of construction and ease of use.

The Talflo Tap has been developed over a considerable period of time using information received from the marketplace and following rigorous testing.

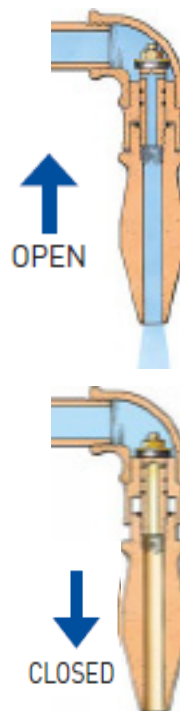
How it Works

The Talflo Valve allows water to flow when the body of the valve is moved into the raised position, lifting the sealing washer off the seat.

A combination of water pressure and the weight of the valve body closes the valve automatically when the body is released. The only moving part is the spindle sliding inside the guiding bush. There is no gland packing, no cones or moving screwthreads to wear out.

The Talflo Tap is always the number one choice whenever water transport or control is required. The Talflo Tap is the best solution for water and energy management, as well as for industry and municipal applications. With a varied range of products we offer comprehensive solutions for the entire water cycle from pumping, treatment and storage to distribution.

Our experience, innovative technology, global expertise and individual consultation process form the basis for developing sustainable solutions for the efficient handling of the vital resource "water".



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