COST SAVINGS

RELIABILITY

QUALITY

# Water Valve

*for all water storage tanks*

*Smallest inlet valve on the market.*

*Normally open, pilot operated, diaphragm-type valve.*

**ABERTAX®** *WV*

The Abertax® Water Valve (WV) provides numerous advantages over all other products on the market.

The Abertax® WV is designed and developed to meet harsh working environments. It has a glass-reinforced acetal resin body and a polypropylene float and housing. The armature is made of stainless steel 410/430 and the diaphragm of nitrile rubber. It includes a filter on the inlet which is made up of a stainless-steel mesh encapsulated in a plastic housing that can be easily removed for cleaning.

The water valve features a float with an embedded magnet that operates a diaphragm type valve. The rising water level lifts the float. The magnet inside the float then moves a stainless-steel pilot plunger which closes the valve.

The Abertax® WV is the smallest inlet valve on the market. This makes it ideal for applications where a small diameter tank is used. In cases where it is not possible to fit the valve on the side of the tank, the Abertax® WV can be mounted directly on the tank lid.

## WHY USE THE PATENTED ABERTAX® WV?

**1. SAFETY** The Abertax® WV has been designed and developed to meet the harshest working environments.

**2. RELIABILITY** The ABERTAX® WV does not have external moving parts. It has an incorporated filter which can be easily cleaned preventing accumulation of dirt or grits.

**3. EASY ASSEMBLY** The ABERTAX® WV is very easy to install. No adjustment is required.

**4. VARIOUS OPTIONS** A number of connectors can be used to meet different customer needs.

***If these are all essential requirements for you, then the only choice is the ABERTAX® WV.***

## PRODUCT FEATURES

- Smallest inlet valve on the market
- Fast operation; no partly closed valve position
- Normally open, pilot operated, diaphragm-type valve
- Made of non-corrosive and non-toxic materials

| TECHNICAL SPECIFICATIONS | |
|---|---|
| Operating Pressure: | 0.2 bar to 4 bar |
| Burst Pressure: | ≤ 15 bar |
| Suitable fluid: | Water |
| Fluid temperature: | 75°C max. |
| Inlet connection: | ½ " BSP – others on request |
| Filter: | Stainless steel mesh |

## APPLICATIONS

Installed to the tank's inside wall.

Installed to the tank's lid.

**ABERTAX®** *TECHNOLOGIES*
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