

TANKTRONIC®

FOR MONITORING AND FILLING OF WATER STORAGE TANKS

Tanktronic is an electronic tank management system which provides a simple solution to monitoring water levels and temperature. It can also manage and control tank filling and is capable of feeding all this information back to your Building Management System. The user-friendly system, which is quick to install, offers a complete cost-effective solution to water monitoring.

- Reports and controls the water level
- Reports temperature
- Controls the filling of multiple tanks
- Intuitive user interface
- Remote alarms

PARTS INCLUDED

Supplied As Standard

- Main control unit including power supply
- Sensor assembly attached to 3m or 5m cable
- Vent box for mounting sensor assembly to top of tank.

Fixings

- a. 4 x no.6 screws for mounting main control unit
- b. 4 x no.4 screws for mounting vent box
- c. 4 x floating washers
- d. Rawlplugs
- e. Self-adhesive pads

Optional

- Control valve assembly
- Compression or flanged fittings
- Battery back-up module

Keraflo have manufactured top quality, delayed action float valves in the UK since 1983.

Their Aylesbury™ range is synonymous with float valve excellence with tens of thousands of products in continual use in demanding domestic, commercial and industrial applications throughout the UK and around the world.

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Keraflo has been manufacturing top quality, delayed action float valves in the UK since 1983 and is synonymous with float valve excellence, and now builds on this expertise to develop new electronic technology to provide a fully integrated tank management system.

OPERATION

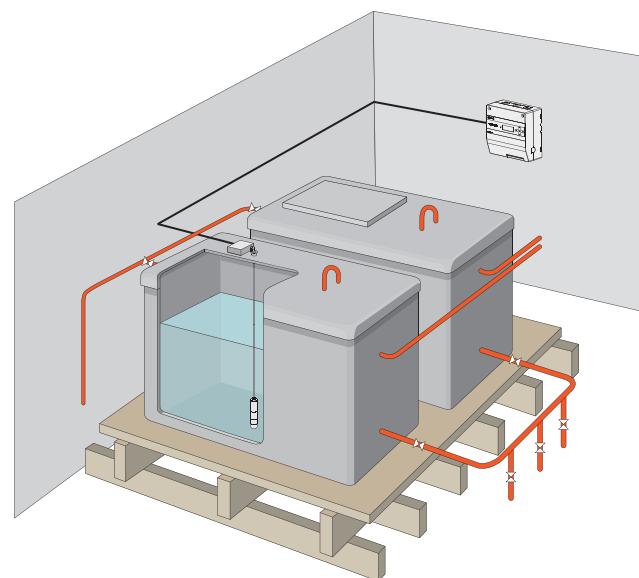
Pressure and thermal readings from a continuously submersed sensor are shown on a user-friendly interface, informing the user of the water level and temperature. If the installation includes a control valve, Tanktronic will manage the filling of the tank when the water reaches a default or user-defined fill level. Alarms will inform the user if the water level or temperature reaches the high or low warning levels.

PRODUCT DESCRIPTION

Tanktronic is made up of three core parts; the main control box, the pressure and temperature sensor assembly, including a vent box for securing the sensor connect to the lip of the tank, and, when tank filling is required, a control valve.

One Tanktronic main control unit can manage up to two sensors and valves, thus allowing for the monitoring and control of up to two tanks.

Control Valve (Not supplied as standard)



Sensor assembly



Main control unit



FUNCTIONALITY OPTIONS

Tanktronic and Keraflo delayed action float valves

Tanktronic can be used in conjunction with a standard Keraflo delayed action float valve, either as a retro-fit or as part of a new installation. This solution provides monitoring functionality and alarms and the benefits of variable delayed action filling. A control valve can be fitted as an optional backup system to control the incoming supply in the unlikely event of float valve failure.

Tanktronic and electromechanical solenoid valves

The system can be used to manage tank filling by using a control valve. When the water level reaches the pre-set high (Close Level) or low (Open Level) levels designated by the customer, a signal will be sent to close or open the valve(s) accordingly. The difference between the Close Level and Open Level maintains delayed action filling and gives maximum turnover rate.

Tanktronic and standard equilibrium valves

Tanktronic can be used in conjunction with a standard equilibrium valve, either as a retro-fit or as part of a new installation.

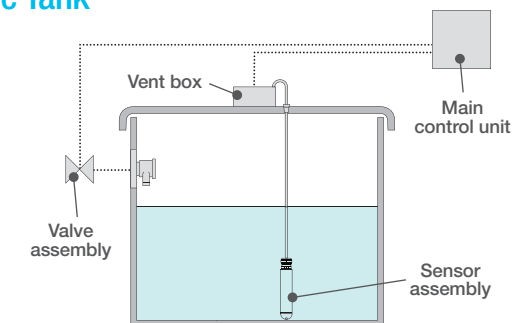
This offers monitoring functionality and alarms and can be used in a range of tank configurations.

A battery back-up unit can be attached to the main control box to maintain power to Tanktronic in the event of interruption to the mains supply.

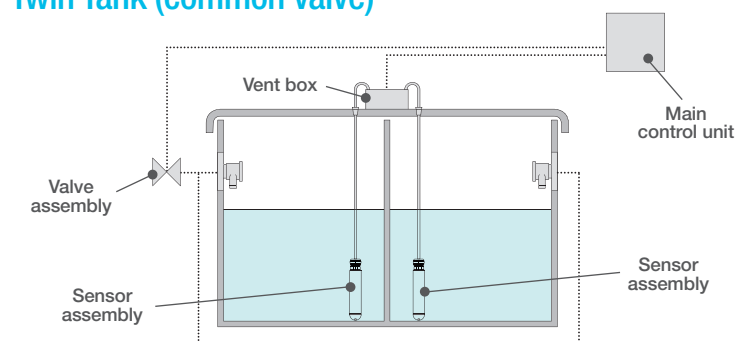
TANK CONFIGURATIONS

Tanktronic can be used in a range of configurations and a single main control box can manage up to two tanks and control valves.

Single Tank



Twin Tank (common valve)



Twin Tank (separate valves)

