

## **STD-02 WATER HEATING, IMMERSION DETECTOR**

Control of water based heating and circulation pump. A frost protection sensor (immersion) protects the coil. The frost protection sensor protects the coil by keeping the coil tempered using two setpoints, one for when the unit is running and on for when the unit is in standby. If risk of freezing still is still at hand the unit shuts down. The pump starts on heating demand and pump kicks periodically during idle periods.

Frost protection sensor is to be fitted in the return water pipe (the coldest point).