

# irus PRE2000STC

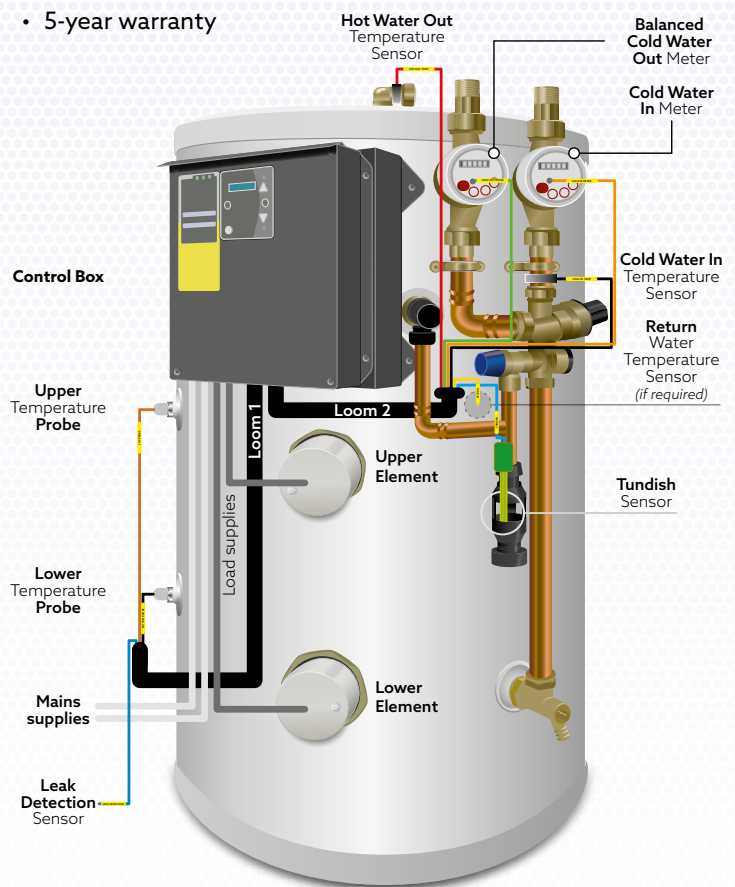
## SMART tank control



Cleverly simple  
control of energy.

### Key features

- On-tank mounted control
- Upper and Lower tank temperature sensors
- Inlet and Outlet water temperature sensors
- Inlet and Outlet water Meter monitoring
- Tundish sensor
- Return water temperature sensor
- Leak detection sensor (optional)
- Remote monitoring and control
- Autonomous control
- Measures RMS current
- 5-year warranty



The Prefect Irus PRE2000STC is for the control and monitoring of twin element hot water tanks connected to the Prefect Irus control system.

This unit collects and stores data from the attached sensors, and switches power to the elements.

Mains borne signalling is used to transmit and receive data and commands from the Prefect Irus central control system.

The STC is pre-wired with flexes for mains supply in and load supply out to the individual elements.

There are two looms. Loom 1 is for the tank temperature probes (Upper and Lower), and the Leak Detection Sensor. The two temperature sensors for the hot water

tank are optimally aligned within sealed pockets. They collect accurate data of the water temperature within the tank. The Leak Detection Sensor cable enables connection to the PRE2000LDS (optional).

Loom 2 provides connection for:

- The cold water feed temperature sensor (inlet)
- Hot water out temperature sensor (outlet)
- Cold water supply meter
- Balanced cold water out meter
- Tundish sensor
- Return temperature sensor (if required).

Due to our policy of continuous improvement, we reserve the right to change specifications without notice. All information was correct at time of when this product file was produced - February 2023