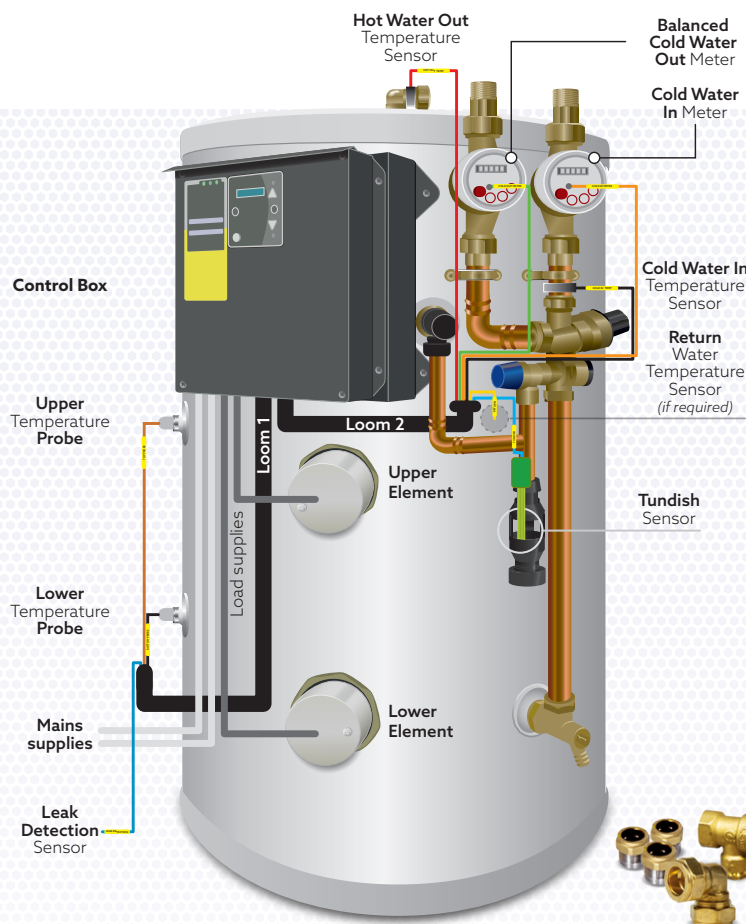


# Prefect *irus* SMART tank range



Cleverly simple  
control of energy.



**irus** SMART Tank is an unvented stainless steel direct cylinder, factory fitted with Prefect Controls SMART Control Unit - Pre-wired and Pre-plumbed.

- Factory fitted input/output plumbing
- Factory fitted sensors x7 plus 2 water meters
- Easy electrical connection to mains supply
- Easy connection to cold water supply and hot water out
- 2 x pocketed tank water temperature sensors
- 2 x Cold water meters
- Hot-water out sensor
- Tundish sensor
- Return water temperature sensor
- Leak Detection ready
- 2 x High-grade long-life Titanium 3kW elements.
- Expansion vessel complete with integral brackets supplied in the G3 kit.
- Five sizes 120, 150, 210, 250 and 300 Litre.
- Compression fittings supplied.
- 90° elbow supplied on hot water draw off to reduce installation time.
- Lift up pressure and temperature relief valve supplied for easier drain down.

The **irus** range of SMART Tanks from Prefect Controls and Gledhill are the first to have been developed specifically for use within the student accommodation sector.

The tanks custom made temperature pockets have been designed to hold the latest in temperature probe technology from the Prefect Irus system, ensuring accurate temperature reading and control for maximum efficiency.

Tank Capacity.	120	150	210	250	300
ErP rating	C	C	C	C	C
Heat loss (watts)	39	47	62	74	86
Capacity (litres)	119	148	208	248	287
Height (mm)	931	1118	1494	1744	1990
Diameter (mm)	550	550	550	550	550
Weight (empty) (kg)	21	25	32	36	41
Weight (full) (kg)	140	173	240	284	328
Heat up time (mins)	119	150	209	249	299
Number of immersions	2	2	2	2	2
Secondary return	No	No	Yes	Yes	Yes

#### NOTES:

1. Heat up time from 15°C to 60°C (applies to primary heat source only)
2. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
3. The schematics shown above are representational, please refer to the installation manual for full technical requirements.\* excluding elements

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 - April 2023