

# Standard Thermal Store Systems



## Easy to install

These low maintenance pre-plumbed units provide flow rates up to 25 litres per minute and if linked to the appropriate gas, oil, solid fuel, biomass or other appliance (except Heat Pumps) are suitable for average to larger properties, please refer to the specification overleaf. The units look smart too, with a wipe-clean appliance finish, and the insulation, which exceeds part L requirements, is 60mm foam injected for maximum efficiencies. Stainless steel construction offers a lightweight long life product.

## With integrated F and E tank

These units have an integrated feed and expansion tank fitted. The direct pattern (TSD) has to be higher than the radiator circuit. The indirect pattern (TSi) can be fitted anywhere in the house and used with a sealed system boiler in Y Plan systems.

## Cylinder only

A range of cylinders without the cold section, allowing for more choice in positioning the store in your home. The cold feed is remotely fitted by the customer at the top of the system, so the cylinder store can be sited anywhere. The stores are designated TSDC for Direct Single Coil cylinders or TSiC for Indirect Twin Coil cylinders.



Gas & Oil



Solid Fuel

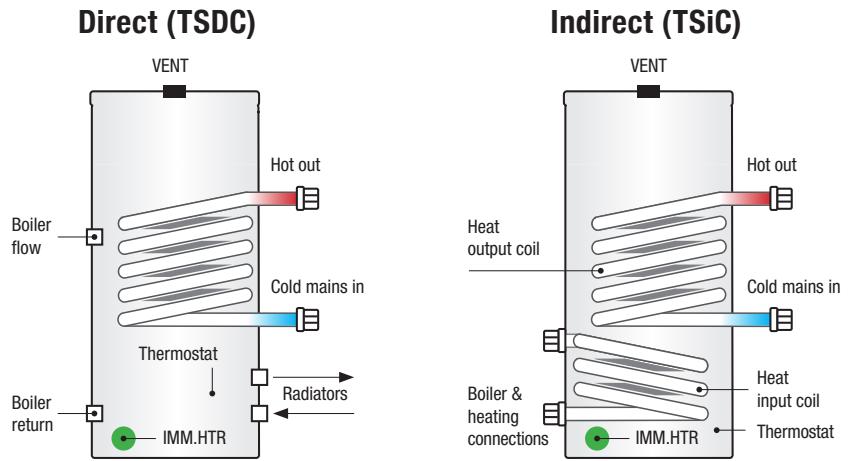


Biomass



- ▶ 10 year cylinder guarantee
- ▶ Fitted with hot water control pack
- ▶ Simple technology - no PCB
- ▶ Direct version offers buffering and fast heat up of radiators
- ▶ Indirect version for Y plan and sealed system boilers
- ▶ Mains pressure hot water
- ▶ Safe open vented store

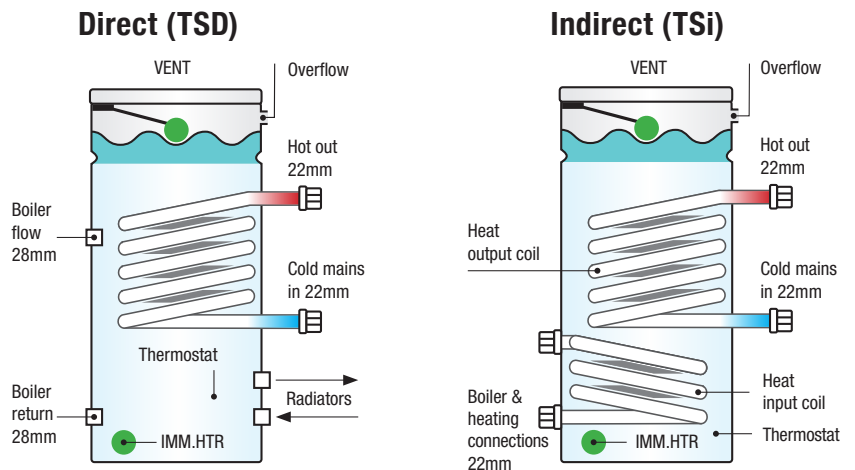
## Standard thermal store, how does it work?



## For use with gas, oil, biomass or solid fuel

Vented stainless steel thermal stores for mains pressure hot water. The direct single coil offers open vented central heating with fast heat up. Alternatively, use the indirect twin coil with sealed heating systems and site anywhere in the property. Both types are available with or without integrated cold feed and expansion sections.

## Integrated thermal store, how does it work?



## Specification

Cylinder only					With integrated F and E tank			
Direct	TSDC 140	TSDC 170	TSDC 210	TSDC 250	Direct	TSD 140	TSD 170	TSD 210
Indirect	–	TSiC 170	TSiC 210	TSiC 250	Indirect	–	TSi 170	TSi 210
Capacity (Litres)	140	170	210	250	Capacity (Litres)	140	170	210
Application	1 bath + 1 shower	1 bath + 2 showers	2 bath + 1 shower	2 baths + 2 showers	Application	1 bath + 1 shower	1 bath + 2 showers	2 bath + 1 shower
Size D x H (mm)	585 x 1086	585 x 1243	585 x 1485	585 x 1753	Size D x H (mm)	585 x 1305	585 x 1495	585 x 1755
Boiler size (x1000 btu)	12kW 40	18kW 60	24kW 80	30kW 100	Boiler size (x1000 btu)	12kW 40	18kW 60	24kW 80
Weight	40 kg	45 kg	50 kg	55 kg	Weight	45 kg	50 kg	55 kg
Heat loss watts / class	43/B	50/B	58/B	63/B	Heat loss watts / class	43/B	50/B	58/B

Boiler Sizing: Minimum boiler sizes are given. Smaller boilers will increase recovery times and performance may be affected. Modulating boilers may increase recovery times. Allow extra 100mm for front fitted components. Please ensure your boiler delivers a minimum temperature of 75°C