

LST & CST

ENERGY SAVING STORAGE TANKS



TECHNICAL SPECIFICATION



LST RANGE

Lochinvar LST Energy Saving Cylinders are constructed from A1 glass lined steel and are available in 5 models with capacities from 297 litres to 1155 litres.

Cathodic protection is provided by magnesium anodes or maintenance - free Correx anodes, which are available as an ancillary option.

Foam insulation keeps standing losses to an absolute minimum and the units can operate to a maximum pressure of 10.5 bar. A unique distribution baffle maximises water delivery, allowing as much available hot water as possible for immediate draw down which is important in "peak demand" applications.

A 100mm hand-hole clean out is fitted to facilitate inspection of the internal surfaces.

LST cylinders can be used as an auxiliary vessel for increasing the capacity of stored water and are particularly suitable for use with *Copper-Fin*® Water Heaters. The LST70, for example, has been specifically designed to allow certain models of *Copper-Fin*® to be stacked on top of it thereby saving valuable plant room space.

All models are covered by a five year warranty against tank leakage.

CST RANGE

Lochinvar CST range of energy saving storage tanks, have capacities ranging from 210 to 1500 litres.

They are particularly suitable for use with Lochinvar *Copper-Fin*® Water Heaters and will provide a compact, efficient solution to a variety of hot water requirements. As with the LST range they are fitted with a specially designed distribution baffle, which gives the maximum available hot water for immediate draw down.

CST storage tanks have a maximum working pressure of 3.5bar, and feature a facility for immersion heater installation, which gives an alternative fuel "standby". This is particularly important in applications such as Prisons, Government buildings and MoD establishments.

Being constructed from copper, they offer a natural resistance against corrosion caused by electrolytic action without the requirement for sacrificial anodes. In addition to providing this protection the maintenance requirement is also minimal.

All models are covered by a 5-year Warranty against tank leakage

Model No.		LST66	LST70	LST100	LST166	LST250	CST210	CST450	CST750	CST1000	CST1200	CST1500
Storage Capacity	(Ltrs)	297	315	450	747	1155	210	450	750	1000	1200	1500
	(gallons)	66	70	100	166	254	46	99	165	220	264	330
Diameter	(mm)	609	711	711	812	1016	560	710	860	900	900	1050
Height	(mm)	1492	1232	1587	1955	2082	1600	1760	1967	1875	2200	1950
Weight (empty)	(kg)	84	87	157	227	451	90	180	295	310	380	450
Weight (full)	(kg)	381	402	607	974	1606	300	630	1045	1310	1580	1950

LST166 and LST250 and all CST models are now supplied complete with facility for immersion heater installation



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