

# TECHNICAL PRODUCT SUBMITTAL

## LSTR 220



### LSTR 220

Storage Capacity	Litres
<b>EFFICIENCY DATA-Part L2</b>	
Insulation Thickness	mm
Insulation Type	
Standing Loss	kWh/ltr/day
<b>EFFICIENCY DATA-ErP and Energy Label</b>	
Ecodesign Energy Label rating	
Standing Loss	W
<b>GENERAL DATA</b>	
Recovery Rate @ 44°C	l/hr
Recovery Rate @ 50°C	l/hr
Recovery Rate @ 56°C	l/hr
Dimensions (height )	mm
Dimensions (diameter with insulation)	mm
Weight (empty)	kg
Weight (full)	kg
Minimum Working Pressure	Bar
Maximum Working Pressure	Bar
Hot Outlet Connection (inches)	BSP
Cold Feed Connection (inches)	BSP
Relief Valve Tapping	BSP
Anode Quantity	

1055
100
Foliflex
0.0033
N/A
146
<b>Use heat source data</b>
<b>Use heat source data</b>
<b>Use heat source data</b>
2005
1100
262
1317
0.5
8.0
Rp 2"
Rp 2"
Rp 1½"
1

**LSTR storage vessels** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

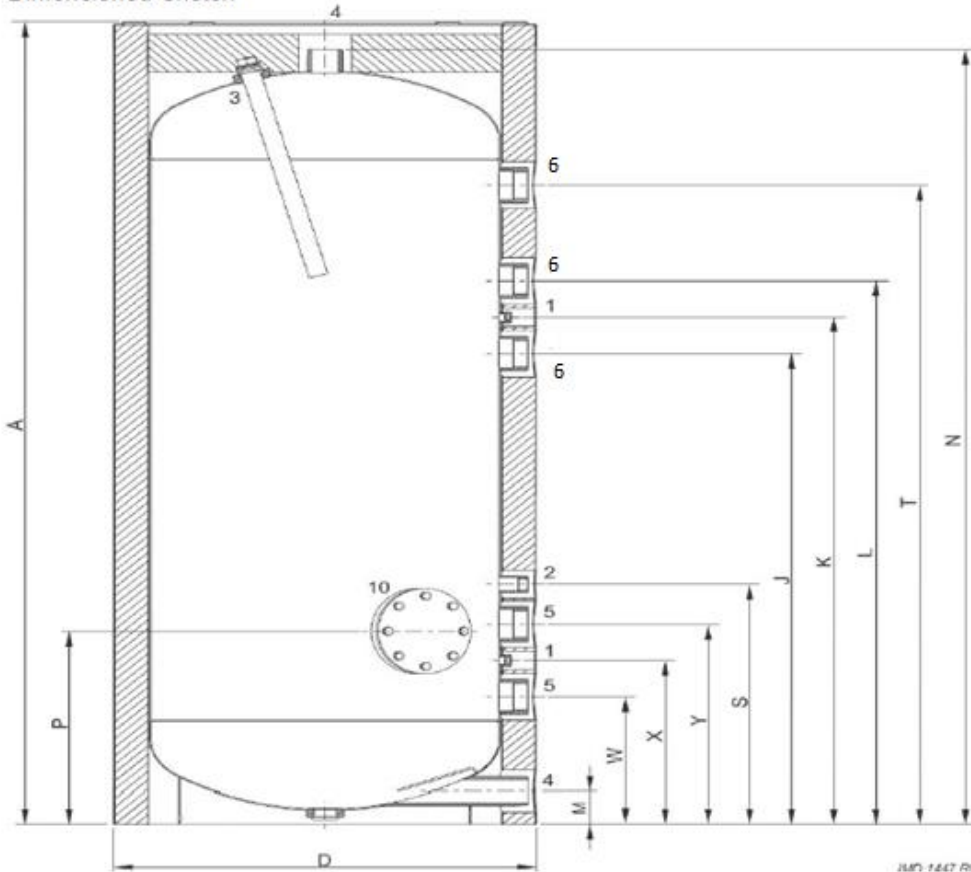
#### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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Dimensioned Sketch



Size	Description	Unit	LSTR 66	LSTR 100	LSTR 110	LSTR 130	LSTR 165	LSTR 220
A	Total Height	mm	1375	1710	2045	1840	2035	2005
D	Diameter (without insulation)	mm	600	600	600	750	750	900
	Diameter (with insulation)	mm	740	740	760	910	930	1100
J	Height connection	mm	705	1041	1375	1135	1330	1255
K	Height connection	mm	785	1115	1455	1220	1415	1340
L	Height connection	mm	860	1195	1530	1305	1500	1425
M	Height cold water inlet	mm	70	70	70	85	85	95
N	Height warm water outlet	mm	1320	1655	1995	1805	2000	1965
P	Height inspection opening	mm	410	410	410	500	500	535
S	Height immersion well/temp sensor	mm	510	510	510	655	655	705
T	Height T&P	mm	1030	1360	1700	1470	1655	1595
W	Height connection	mm	270	270	270	320	320	365
X	Height connection	mm	350	350	350	405	405	450
Y	Height connection	mm	425	425	425	490	490	535
1	Connection	-	Rp ¼"	Rp ¼"	Rp ¼"	Rp ¼"	Rp ¼"	Rp ¼"
2	Connection	-	Rp ¾"	Rp ¾"	Rp ¾"	Rp ¾"	Rp ¾"	Rp ¾"
3	Connection	-	Rp 1½"	Rp 1½"	Rp 1½"	Rp 1½"	Rp 1½"	Rp 1½"
4	Connection	-	R 1½"	R 1½"	R 1½"	R 1½"	R 2"	R 2"
5	Connection	-	R 1½"	R 1½"	R 1½"	R 1½"	R 2½"	R 2½"
6	Connection	-	R 1½"	R 1½"	R 1½"	R 1½"	R 1½"	R 1½"
10	Diameter inspection opening	mm	115	115	115	180	180	180