

# TECHNICAL PRODUCT SUBMITTAL

## HSV2001/2002 THERMAL STORE

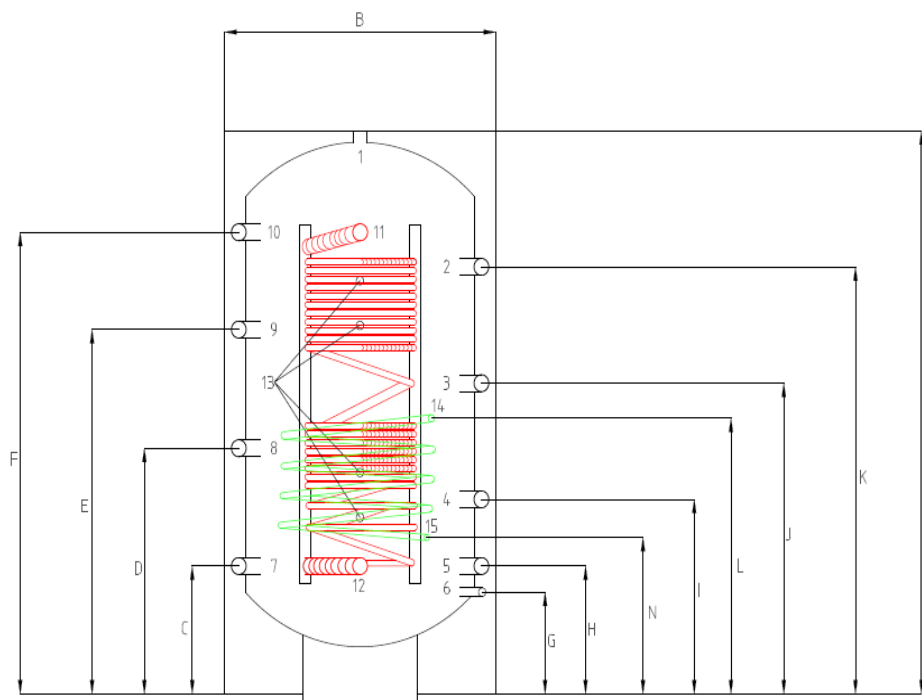
### HSV2001

### HSV2002

EFFICIENCY DATA-Part L2		HSV2001	HSV2002
Insulation Thickness	mm	100	100
Insulation Type		Polyurethane with PVC outer jacket	
Heat Loss	kWh/24h	4.46	4.46
EFFICIENCY DATA ErP AND ENERGY LABEL		HSV2001	HSV2002
Ecodesign Energy Label rating		C	C
Standing Loss	W	185.8	185.8
GENERAL DATA		HSV2001	HSV2002
Storage Capacity	litres	2000	2000
DHW Coil Capacity	litres	8	8
DHW Flow rate*	litres/min	33	33
DHW Flow rate**	litres/min	65	65
DHW Pressure drop	kPa	130	130
Weight Empty	kg	378	378
Weight Full and Insulated	kg	2378	2378
Maximum Vessel Pressure	bar	3	3
Maximum Pressure DHW Coil	bar	6	6
Maximum Pressure Solar Coil	bar	n/a	16
Maximum Vessel Temperature	°C	95	95
Maximum Temperature Coils	°C	95	95

\* Instantaneous DHW production @ 10C in and 45C out with a constant tank temperature of 60C

\*\*Instantaneous DHW production @ 10C in and 45C out with a constant tank temperature of 70C



The HSV Thermal store 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)

#### 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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Item	Description	Unit	HSV601/602	HSV801/802	HSV1001/1002	HSV1501/1502	HSV2001/2002
A	Total Height (with insulation)	mm	1900	1880	2270	2665	2500
B	Diameter of Water Heater (with insulation)	mm	850	990	1050	1200	1300
	Diameter of Water Heater (without insulation)	mm	650	790	850	1000	1100
A	Height of AAV Connection	mm	1900	1880	2270	2665	2500
C	Height of Tank body connection	mm	285	270	270	400	380
C	Height of DHW Coil cold inlet connection	mm	285	270	270	400	380
D	Height of Tank body connection	mm	715	685	815	1015	925
E	Height of Tank body connection	mm	1145	1115	1380	1640	1475
F	Height of Tank body connection	mm	1570	1550	1950	2260	2030
F	Height of DHW Coil hot outlet connection	mm	1570	1550	1950	2260	2030
H	Height of Tank body connection	mm	290	250	250	380	380
I	Height of Tank body connection	mm	505	455	530	705	655
J	Height of Tank body connection	mm	930	900	1100	1325	1205
K	Height of Tank body connection	mm	1355	1335	1665	1950	1750
L	Height of Solar flow connection*	mm	760	750	750	1260	1250
M	Height of Solar return connection*	mm	360	330	330	460	450

Item	Description	Unit	HSV601/602	HSV801/802	HSV1001/1002	HSV1501/1502	HSV2001/2002
1	Connection T&P-valve	BSP	1"	1"	1"	1"	1"
2	Connection Tank body	BSP	1"	1"	1"	1"	1"
3	Connection Tank body	BSP	1"	1"	1"	1"	1"
4	Connection Tank body	BSP	1"	1"	1"	1"	1"
5	Connection ASHP return	BSP	1½"	1½"	1½"	1½"	1½"
6	Connection Drain	BSP	1"	1"	1"	1"	1"
7	Connection Tank body	BSP	1"	1"	1"	1"	1"
8	Connection Tank body	BSP	1"	1"	1"	1"	1"
9	Connection Tank body	BSP	1"	1"	1"	1"	1"
10	Connection ASHP flow	BSP	1½"	1½"	1½"	1½"	1½"
11	Connection Hot Water Outlet	BSP	1¼"	1¼"	1¼"	1¼"	1¼"
12	Connection Cold Water Inlet	BSP	1¼"	1¼"	1¼"	1¼"	1¼"
13	Connection sensor point	BSP	½"	½"	½"	½"	½"
14	Connection Solar Flow*	BSP	1"	1"	1"	1"	1"
15	Connection Solar Return*	BSP	1"	1"	1"	1"	1"

\*On version 02 models only