

# TECHNICAL PRODUCT SUBMITTAL

## Squire Indirect water heater

### Model SIVS 66GE

Storage Capacity	litres	300
<b>EFFICIENCY DATA-Part L2</b>		
Insulation Thickness	mm	70
Insulation Type		Foliflex
Standing Loss	kWh/day	2.4
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
EcoDesign Energy Label rating		C
Standing Loss	W	100
<b>GENERAL DATA</b>		
Max draw off capacity (first hour) at 50°C temperature rise	l/hr	1134
Heat-up Time at 50°C temperature rise	min	20
Dimensions (height )	mm	1375
Dimensions (diameter)	mm	740
Hot Outlet Connection (inches)	BSP	1½"
Cold Feed Connection (inches)	BSP	1½"
Coil Connection (inches)	BSP	1"
Weight (empty)	kg	103
Weight (full)	kg	403
Minimum Working Pressure	bar	0.5
Maximum Working Pressure	bar	10.0
<b>COIL DATA</b>		
Coil Rating (75/55°C)	kW	52
Coil Surface Area	m <sup>2</sup>	2.45
Flow Rate (75/55°C)	l/sec	0.62
Pressure Loss	kPa	7.8
Maximum Coil Temperature	°C	110
Maximum Coil Pressure	bar	16

**Squire Indirect water heaters** 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:-

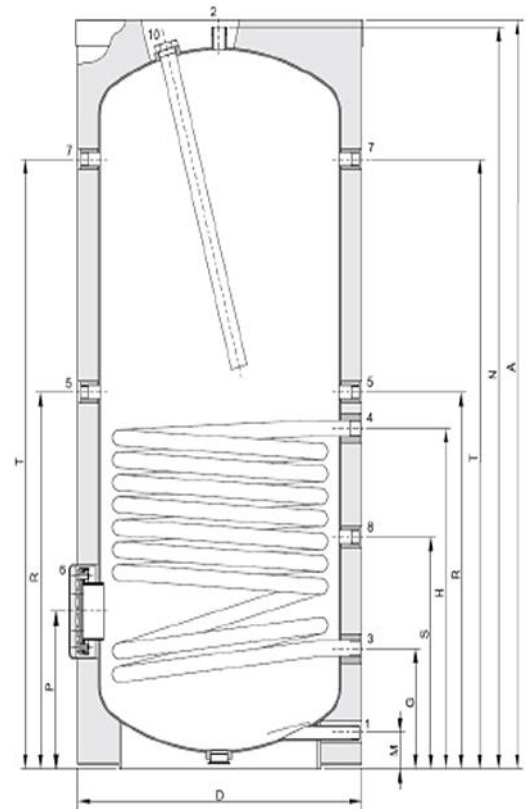
- Dimensions and clearances
- Vented and Unvented installation requirements
- Maintenance

#### **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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Legend	Description	Unit	Dimension
A	Total height	mm	1375
D	Diameter (with insulation)	mm	740
G	Coil outlet	mm	260
H	Coil inlet	mm	775
M	Cold water inlet	mm	70
N	Hot water outlet	mm	1320
P	Inspection opening	mm	330
R	Building return	mm	860
S	Sensor point	mm	500
T	T&P connection	mm	1030

Legend	Description	Unit	Size
1	Cold water inlet connection	BSP Inch	R 1½
2	Hot water outlet connection	BSP Inch	R 1½
3	Heat exchanger outlet	BSP Inch	Rp 1
4	Heat exchanger inlet	BSP Inch	Rp 1
5	Connection circulation	BSP Inch	Rp ¾
6	Diameter Inspection Opening	mm	115
7	Connection T&P	BSP Inch	Rp ¾
8	Connection Immersion well	BSP Inch	Rp ¾
10	Connection Anode	BSP Inch	Rp 1¼