

# TECHNICAL PRODUCT SUBMITTAL

## Squire Indirect water heater



### Model SIVS440GE

Storage Capacity	litres	1830
<b>EFFICIENCY DATA-Part L2</b>		
Insulation Thickness	mm	100
Insulation Type		Rockwool
Standing Loss	kWh/day	4.1
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		N/A
Standing Loss	W	171
<b>GENERAL DATA</b>		
Max draw off capacity (first hour) at 50°C temperature rise	l/hr	4027
Heat-up Time at 50°C temperature rise	min	43
Dimensions (height )	mm	2175
Dimensions (diameter)	mm	1300
Hot Outlet Connection (inches)	BSP	2"
Cold Feed Connection (inches)	BSP	2"
Coil Connection (inches)	BSP	1¼"
Weight (empty)	kg	426
Weight (full)	kg	2256
Minimum Working Pressure	bar	0.5
Maximum Working Pressure	bar	7.0
<b>COIL DATA</b>		
Coil Rating (80/60°C)	kW	149
Coil Surface Area	m <sup>2</sup>	5.20
Flow Rate (80/60°C)	l/sec	1.80
Pressure Loss	kPa	83
Maximum Coil Temperature	°C	90
Maximum Coil Pressure	bar	6

**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	SIVS330GE	SIVS440GE	SIVS550GE	SIVS660GE
A	Total height	mm	1985	2175	2045	2070
D	Diameter (with insulation)	mm	1300	1300	1600	1600
G	Coil outlet	mm	350	350	430	430
H	Coil inlet	mm	1305	1305	1285	1285
M	Cold water inlet	mm	135	135	185	185
N	Hot water outlet	mm	1985	2175	2045	2070
P	Inspection opening	mm	450	450	530	530
S	Sensor point	mm	605	605	685	685
T	Building return	mm	710	710	790	790
U	T&P connection	mm	1515	1705	1530	1625

Legend	Description	Unit	SIVS330GE	SIVS440GE	SIVS550GE	SIVS660GE
1	Cold water inlet connection	BSP Inch	R 2	R 2	R 2	R 2
2	Hot water outlet connection	BSP Inch	R 2	R 2	R 2	R 2
3	Coil outlet	BSP Inch	Rp 1½	Rp 1½	Rp 1½	Rp 1½
4	Coil inlet	BSP Inch	Rp 1½	Rp 1½	Rp 1½	Rp 1½
7	Building return	BSP Inch	Rp 1½	Rp 1½	Rp 1½	Rp 1½
O	Inspection opening	mm	110	110	110	110
8	Connection Immersion well	BSP Inch	Rp ¾	Rp ¾	Rp ¾	Rp ¾
9	Connection T&P	BSP Inch	Rp 1	Rp 1	Rp 1	Rp 1
10	Anode	BSP Inch	Rp ¾	Rp ¾	Rp ¾	Rp ¾

