

TECHNICAL PRODUCT SUBMITTAL

Squire Indirect water heater



Model SIVS660GE

Storage Capacity	litres	2850
EFFICIENCY DATA-Part L2		
Insulation Thickness	mm	100
Insulation Type		Rockwool
Standing Loss	kWh/day	5.8
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		N/A
Standing Loss	W	243
GENERAL DATA		
Max draw off capacity (first hour) at 50°C temperature rise	l/hr	4991
Heat-up Time at 50°C temperature rise	min	62
Dimensions (height)	mm	2070
Dimensions (diameter)	mm	1600
Hot Outlet Connection (inches)	BSP	2"
Cold Feed Connection (inches)	BSP	2"
Coil Connection (inches)	BSP	1¼"
Weight (empty)	kg	600
Weight (full)	kg	3450
Minimum Working Pressure	bar	0.5
Maximum Working Pressure	bar	7.0
COIL DATA		
Coil Rating (80/60°C)	kW	159
Coil Surface Area	m ²	6.00
Flow Rate (80/60°C)	l/sec	1.90
Pressure Loss	kPa	69.5
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

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

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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

