

TECHNICAL PRODUCT SUBMITTAL

Squire Indirect water heater



Model SIVS110GE

Storage Capacity	litres	480
EFFICIENCY DATA-Part L2		
Insulation Thickness	mm	80
Insulation Type		Foliflex
Standing Loss	kWh/day	2.5
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		C
Standing Loss	W	104
GENERAL DATA		
Max draw off capacity (first hour) at 50°C temperature rise	l/hr	1812
Heat-up Time at 50°C temperature rise	min	20
Dimensions (height)	mm	2045
Dimensions (diameter)	mm	760
Hot Outlet Connection (inches)	BSP	1½"
Cold Feed Connection (inches)	BSP	1½"
Coil Connection (inches)	BSP	1¼"
Weight (empty)	kg	180
Weight (full)	kg	660
Minimum Working Pressure	bar	0.5
Maximum Working Pressure	bar	10.0
COIL DATA		
Coil Rating (75/55°C)	kW	83
Coil Surface Area	m ²	3.11
Flow Rate (75/55°C)	l/sec	1.19
Pressure Loss	kPa	48.9
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

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

TECHNICAL PRODUCT SUBMITTAL

Squire Indirect water heater



Legend	Description	Unit	SIVS100GE	SIVS110GE	SIVS130GE	SIVS165GE	SIVS220GE
A	Total height	mm	1710	2045	1840	2035	2005
D	Diameter (with insulation)	mm	740	760	910	930	1100
G	Coil outlet	mm	260	260	310	310	350
H	Coil inlet	mm	1015	1205	1150	1210	1310
M	Cold water inlet	mm	70	70	85	85	95
N	Hot water outlet	mm	1655	1995	1805	2000	1965
P	Inspection opening	mm	330	330	420	420	450
R	Building return	mm	1100	1290	1240	1300	1400
S	Sensor point	mm	500	500	655	655	705
T	T&P connection	mm	1365	1700	1480	1675	1605

Legend	Description	Unit	SIVS100GE	SIVS110GE	SIVS130GE	SIVS165GE	SIVS220GE
1	Cold water inlet connection	BSP Inch	R 1½	R 1½	R 1½	R 1½	R 1½
2	Hot water outlet connection	BSP Inch	R 1½	R 1½	R 1½	R 1½	R 1½
3	Coil outlet	BSP Inch	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼
4	Coil inlet	BSP Inch	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼
5	Building return	BSP Inch	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾
6	Inspection opening	mm	115	115	180	180	180
7	Connection T&P	BSP Inch	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾
8	Sensor point	BSP Inch	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾
10	Anode	BSP Inch	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼	Rp 1¼

