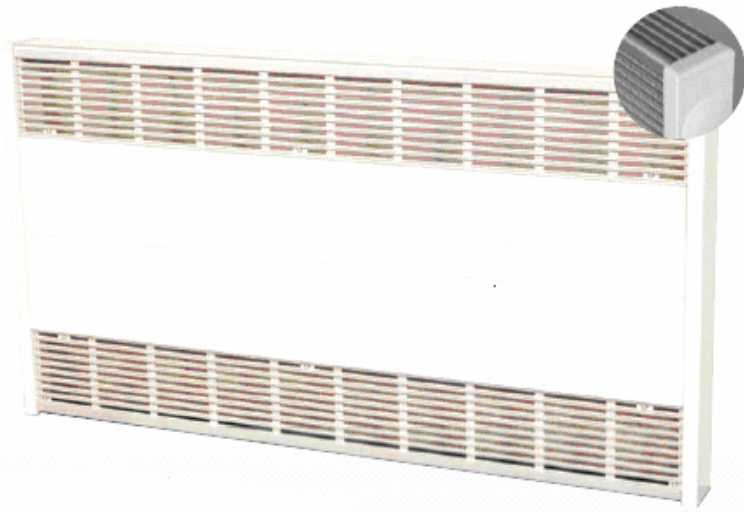


Slimguard LST Radiator



The MHS Slimguard LST radiator range is the slimmest LST currently available in the UK, suitable for applications where unobtrusive heating is required.



Product Range

The Slimguard range is only 75mm in depth and comprises of either wall mounted (Type C) or wall mounted with bottom inlet grille (Type D) and is available in a choice of four heights with lengths from 661mm to 2911mm as standard.

Emitters

The Slimguard range has a choice of either a standard 3H1 or the high output 5H1 copper/aluminium emitters for conventional heating applications.

Casings

MHS 75mm deep Slimguard casings are supplied fully assembled for easy on site installation. The casing is supplied in a durable polyester powder coated paint finish; RAL9010 semi gloss with **Anti bacteria** finish as standard. The end casings and the front panel are manufactured from 1.2mm zinc coated steel. The front panel is made up of a number of individual panels which are spot welded together on their double profile return bends to create a robust panel.

Grilles

The attractive anodised aluminium outlet and optional inlet grilles are easily removed for cleaning and maintenance. The outlet grilles have a unique interlocking design to aid strength and provide access to the internal components.

Testing

All Slimguard emitters are pressure tested to 105 PSI (7bar).

Warranty

Each Slimguard LST Radiator is backed by a 5 year warranty in respect of defective materials and manufacture.

Air Vent

An $\frac{1}{8}$ " BSP air vent is incorporated into the emitter connection of all Slimguard LST Radiators.

Valve Options

VK3

The VK3 valve kit is an internal control and comprises $\frac{1}{2}$ " angle pattern presetable valve body, remote sensing phial and TRV head, plus a $\frac{1}{2}$ " angle lockshield valve on the return connection.



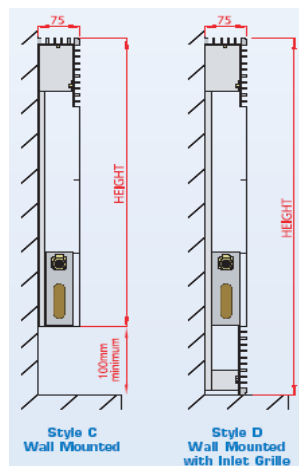
VK5

The VK5 valve kit is an external control mounted partially recessed into the top right hand side of the casing and comprises $\frac{1}{2}$ " angle pattern valve body with presetting key, remote transmitter and TRV head, plus a $\frac{1}{2}$ " angle lockshield valve on the return connection.



Correction Factor Table

Δt	CF	The outputs shown within this brochure are based on BS EN442, 75-65-20°C operating conditions, giving a Δt of 50°C, for Δt 's other than this, a correction factor must be applied.
60	1.267	
59	1.240	
58	1.213	
57	1.186	
56	1.159	
55.5	1.145	Example: Output required @ 82-71-21°C
55	1.132	Δt 55.5 the CF = 1.145, therefore multiply
54	1.105	the listed output by the correction factor to
53	1.079	give actual radiator output under these
52	1.052	operating conditions.
51	1.026	(This assumes an averaged exponent of 1.30)
50	1.000	
45	0.872	
40	0.748	
35	0.629	





Slimguard Lst (Data Sheet)

Slimguard Type C (Wall Mounted)

Slimguard Type D (Wall Mounted with bottom inlet grille)

Product Code	Length (mm)	Output	Product Code	Output	Product Code	Output	Product Code	Output
Height 440mm with 3H emitter			Height 440mm with 5H emitter		Height 580mm with 3H emitter		Height 580mm with 5H emitter	
SLC-0440-0661-3H	661	279	SLC-0440-0661-5H	351	SLD-0580-0661-3H	214	SLD-0580-0661-5H	324
SLC-0440-0865-3H	865	399	SLC-0440-0865-5H	501	SLD-0580-0865-3H	328	SLD-0580-0865-5H	463
SLC-0440-1070-3H	1070	514	SLC-0440-1070-5H	645	SLD-0580-1070-3H	441	SLD-0580-1070-5H	596
SLC-0440-1274-3H	1274	634	SLC-0440-1274-5H	795	SLD-0580-1274-3H	553	SLD-0580-1274-5H	735
SLC-0440-1479-3H	1479	748	SLC-0440-1479-5H	939	SLD-0580-1479-3H	667	SLD-0580-1479-5H	867
SLC-0440-1684-3H	1684	862	SLC-0440-1684-5H	1082	SLD-0580-1684-3H	781	SLD-0580-1684-5H	1000
SLC-0440-1888-3H	1888	979	SLC-0440-1888-5H	1229	SLD-0580-1888-3H	889	SLD-0580-1888-5H	1135
SLC-0440-2092-3H	2092	1096	SLC-0440-2092-5H	1376	SLD-0580-2092-3H	1006	SLD-0580-2092-5H	1271
SLC-0440-2297-3H	2297	1213	SLC-0440-2297-5H	1523	SLD-0580-2297-3H	1126	SLD-0580-2297-5H	1407
SLC-0440-2502-3H	2502	1328	SLC-0440-2502-5H	1686	SLD-0580-2502-3H	1231	SLD-0580-2502-5H	1539
SLC-0440-2706-3H	2706	1445	SLC-0440-2706-5H	1813	SLD-0580-2706-3H	1345	SLD-0580-2706-5H	1675
SLC-0440-2911-3H	2911	1565	SLC-0440-2911-5H	1964	SLD-0580-2911-3H	1456	SLD-0580-2911-5H	1814
Height 590mm with 3H emitter			Height 590mm with 5H emitter		Height 730mm with 3H emitter		Height 730mm with 5H emitter	
SLC-0590-0661-3H	661	306	SLC-0590-0661-5H	397	SLD-0730-0661-3H	230	SLD-0730-0661-5H	370
SLC-0590-0865-3H	865	437	SLC-0590-0865-5H	568	SLD-0730-0865-3H	353	SLD-0730-0865-5H	528
SLC-0590-1070-3H	1070	562	SLC-0590-1070-5H	731	SLD-0730-1070-3H	475	SLD-0730-1070-5H	680
SLC-0590-1274-3H	1274	694	SLC-0590-1274-5H	901	SLD-0730-1274-3H	595	SLD-0730-1274-5H	838
SLC-0590-1479-3H	1479	819	SLC-0590-1479-5H	1064	SLD-0730-1479-3H	718	SLD-0730-1479-5H	989
SLC-0590-1684-3H	1684	944	SLC-0590-1684-5H	1226	SLD-0730-1684-3H	840	SLD-0730-1684-5H	1140
SLC-0590-1888-3H	1888	1072	SLC-0590-1888-5H	1392	SLD-0730-1888-3H	957	SLD-0730-1888-5H	1295
SLC-0590-2092-3H	2092	1200	SLC-0590-2092-5H	1559	SLD-0730-2092-3H	1083	SLD-0730-2092-5H	1450
SLC-0590-2297-3H	2297	1329	SLC-0590-2297-5H	1726	SLD-0730-2297-3H	1205	SLD-0730-2297-5H	1605
SLC-0590-2502-3H	2502	1454	SLC-0590-2502-5H	1888	SLD-0730-2502-3H	1324	SLD-0730-2502-5H	1756
SLC-0590-2706-3H	2706	1582	SLC-0590-2706-5H	2054	SLD-0730-2706-3H	1447	SLD-0730-2706-5H	1911
SLC-0590-2911-3H	2911	1713	SLC-0590-2911-5H	2225	SLD-0730-2911-3H	1567	SLD-0730-2911-5H	2070
Height 740mm with 3H emitter			Height 740mm with 5H emitter		Height 880mm with 3H emitter		Height 880mm with 5H emitter	
SLC-0740-0661-3H	661	327	SLC-0740-0661-5H	433	SLD-0880-0661-3H	246	SLD-0880-0661-5H	406
SLC-0740-0865-3H	865	467	SLC-0740-0865-5H	619	SLD-0880-0865-3H	378	SLD-0880-0865-5H	580
SLC-0740-1070-3H	1070	600	SLC-0740-1070-5H	796	SLD-0880-1070-3H	509	SLD-0880-1070-5H	746
SLC-0740-1274-3H	1274	740	SLC-0740-1274-5H	962	SLD-0880-1274-3H	638	SLD-0880-1274-5H	920
SLC-0740-1479-3H	1479	874	SLC-0740-1479-5H	1159	SLD-0880-1479-3H	768	SLD-0880-1479-5H	1085
SLC-0740-1684-3H	1684	1007	SLC-0740-1684-5H	1336	SLD-0880-1684-3H	899	SLD-0880-1684-5H	1251
SLC-0740-1888-3H	1888	1144	SLC-0740-1888-5H	1517	SLD-0880-1888-3H	1023	SLD-0880-1888-5H	1421
SLC-0740-2092-3H	2092	1281	SLC-0740-2092-5H	1699	SLD-0880-2092-3H	1158	SLD-0880-2092-5H	1591
SLC-0740-2297-3H	2297	1418	SLC-0740-2297-5H	1880	SLD-0880-2297-3H	1289	SLD-0880-2297-5H	1761
SLC-0740-2502-3H	2502	1551	SLC-0740-2502-5H	2057	SLD-0880-2502-3H	1417	SLD-0880-2502-5H	1927
SLC-0740-2706-3H	2706	1688	SLC-0740-2706-5H	2238	SLD-0880-2706-3H	1548	SLD-0880-2706-5H	2097
SLC-0740-2911-3H	2911	1828	SLC-0740-2911-5H	2424	SLD-0880-2911-3H	1676	SLD-0880-2911-5H	2271
Height 890mm with 3H emitter			Height 890mm with 5H emitter		Height 1030mm with 3H emitter		Height 1030mm with 5H emitter	
SLC-0890-0661-3H	661	342	SLC-0890-0661-5H	459	SLD-1030-0661-3H	262	SLD-1030-0661-5H	433
SLC-0890-0865-3H	865	489	SLC-0890-0865-5H	656	SLD-1030-0865-3H	402	SLD-1030-0865-5H	619
SLC-0890-1070-3H	1070	628	SLC-0890-1070-5H	844	SLD-1030-1070-3H	541	SLD-1030-1070-5H	796
SLC-0890-1274-3H	1274	775	SLC-0890-1274-5H	1041	SLD-1030-1274-3H	678	SLD-1030-1274-5H	982
SLC-0890-1479-3H	1479	915	SLC-0890-1479-5H	1229	SLD-1030-1479-3H	817	SLD-1030-1479-5H	1159
SLC-0890-1684-3H	1684	1055	SLC-0890-1684-5H	1418	SLD-1030-1684-3H	957	SLD-1030-1684-5H	1336
SLC-0890-1888-3H	1888	1198	SLC-0890-1888-5H	1609	SLD-1030-1888-3H	1096	SLD-1030-1888-5H	1518
SLC-0890-2092-3H	2092	1341	SLC-0890-2092-5H	1801	SLD-1030-2092-3H	1232	SLD-1030-2092-5H	1699
SLC-0890-2297-3H	2297	1485	SLC-0890-2297-5H	1993	SLD-1030-2297-3H	1372	SLD-1030-2297-5H	1881
SLC-0890-2502-3H	2502	1624	SLC-0890-2502-5H	2181	SLD-1030-2502-3H	1509	SLD-1030-2502-5H	2058
SLC-0890-2706-3H	2706	1768	SLC-0890-2706-5H	2373	SLD-1030-2706-3H	1648	SLD-1030-2706-5H	2239
SLC-0890-2911-3H	2911	1914	SLC-0890-2911-5H	2570	SLD-1030-2911-3H	1785	SLD-1030-2911-5H	2425