

Saferad LST radiators



With **NEW**
Top Rounded
Profile for extra
safety and care

**Senso
therm**
heat with style

Saferad LST radiators



Warmth with safety . . . top rounded profile for extra safety and care.

Model A

Wall mounted with TopTop outlet grille only.



Model B

Wall mounted with TopTop outlet grille and bottom underneath grille.



Model C

Wall mounted down to the floor with TopTop outlet grille and BottomFront inlet grille.



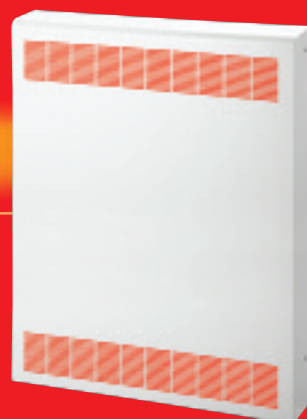
Model D

Wall mounted with TopFront facing grille only.



Model E

Wall mounted down to floor with TopFront and BottomFront facing grilles.



Model F

Available with Angled Sloping Top outlet grille on all models.

Angled Sloping Top outlet grille.



Saferad LST radiators

full flexibility to suit special project requirements . . .

- Special height, length and depth units available.
- Complete room wall-to-wall LST units available. Complete with internal and external corners and grilles to match, together with factory TRV and pipework cut-outs.
- Models available as Floor mounted radiators with back panels for fixing in difficult areas ie. glazing, together with special fixing options.
- Option of front fixing for difficult areas together with lockable security access doors.
- BSRIA tested.
- Manufactured as one piece, easy to fit - strong, safe and secure.

TEMPERATURE TABLES

The outputs quoted in this leaflet are based on mean water temperature in the radiator of 80°C and room temperature 20°C at Δt 60°C and 70°C and room temperature 20°C at Δt 50°C. For other operating conditions apply factors shown in the tables below, at Δt 60°C figures.

5°C	0.046	30°C	0.432	55°C	0.898
10°C	0.108	35°C	0.512	60°C	1.000
15°C	0.179	40°C	0.605	65°C	1.104
20°C	0.256	45°C	0.700	70°C	1.211
25°C	0.338	50°C	0.789	75°C	1.319



Model A Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted minimum of 100mm above floor level.

Model A LST cover height mm	LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm watts ΔT50°C watts ΔT60°C		SEP 1 order code	SEP 2 - depth 170mm watts ΔT50°C watts ΔT60°C		SEP 2 order code
350	1000	200	800	-	-	-	552	700	SEP2 3510A
350	1200	200	1000	-	-	-	692	877	SEP2 3512A
350	1400	200	1200	-	-	-	830	1052	SEP2 3514A
350	1600	200	1400	-	-	-	968	1227	SEP2 3516A
350	1800	200	1600	-	-	-	1107	1403	SEP2 3518A
350	2200	200	2000	-	-	-	1383	1753	SEP2 3520A
450	600	300	400	204	259	SEP1 4506A	398	504	SEP2 4506A
450	800	300	600	307	389	SEP1 4508A	596	755	SEP2 4508A
450	1000	300	800	409	518	SEP1 4510A	795	1007	SEP2 4510A
450	1200	300	1000	511	648	SEP1 4512A	994	1260	SEP2 4512A
450	1400	300	1200	613	777	SEP1 4514A	1193	1512	SEP2 4514A
450	1600	300	1400	715	906	SEP1 4516A	1392	1764	SEP2 4516A
450	1800	300	1600	817	1036	SEP1 4518A	1590	2015	SEP2 4518A
450	2000	300	1800	919	1165	SEP1 4520A	1789	2267	SEP2 4520A
450	2200	300	2000	1022	1295	SEP1 4522A	1988	2519	SEP2 4522A
550	600	400	400	265	335	SEP1 5506A	490	620	SEP2 5506A
550	800	400	600	397	502	SEP1 5508A	734	929	SEP2 5508A
550	1000	400	800	529	670	SEP1 5510A	978	1238	SEP2 5510A
550	1200	400	1000	660	836	SEP1 5512A	1223	1548	SEP2 5512A
550	1400	400	1200	794	1005	SEP1 5514A	1468	1858	SEP2 5514A
550	1600	400	1400	925	1171	SEP1 5516A	1712	2167	SEP2 5516A
550	1800	400	1600	1057	1338	SEP1 5518A	1957	2477	SEP2 5518A
550	2000	400	1800	1190	1506	SEP1 5520A	2201	2786	SEP2 5520A
550	2200	400	2000	1323	1675	SEP1 5522A	2378	3010	SEP2 5522A
650	600	500	400	316	400	SEP1 6506A	586	742	SEP2 6506A
650	800	500	600	474	600	SEP1 6508A	878	1112	SEP2 6508A
650	1000	500	800	633	801	SEP1 6510A	1172	1483	SEP2 6510A
650	1200	500	1000	783	991	SEP1 6512A	1465	1854	SEP2 6512A
650	1400	500	1200	940	1190	SEP1 6514A	1758	2225	SEP2 6514A
650	1600	500	1400	1096	1387	SEP1 6516A	2051	2596	SEP2 6516A
650	1800	500	1600	1252	1585	SEP1 6518A	2343	2966	SEP2 6518A
650	2000	500	1800	1410	1785	SEP1 6520A	2636	3337	SEP2 6520A
650	2200	500	2000	1580	2000	SEP1 6522A	2929	3708	SEP2 6522A
750	600	600	400	359	455	SEP1 7506A	679	860	SEP2 7506A
750	800	600	600	539	682	SEP1 7508A	1018	1289	SEP2 7508A
750	1000	600	800	719	910	SEP1 7510A	1357	1718	SEP2 7510A
750	1200	600	1000	901	1140	SEP1 7512A	1697	2148	SEP2 7512A
750	1400	600	1200	1079	1366	SEP1 7514A	2037	2578	SEP2 7514A
750	1600	600	1400	1259	1593	SEP1 7516A	2376	3007	SEP2 7516A
750	1800	600	1600	1438	1820	SEP1 7518A	2714	3436	SEP2 7518A
750	2000	600	1800	1618	2048	SEP1 7520A	3054	3866	SEP2 7520A
750	2200	600	2000	1797	2275	SEP1 7522A	3394	4296	SEP2 7522A
850	600	700	400	413	523	SEP1 8506A	793	1005	SEP2 8506A
850	800	700	600	619	785	SEP1 8508A	1189	1508	SEP2 8508A
850	1000	700	800	826	1047	SEP1 8510A	1587	2011	SEP2 8510A
850	1200	700	1000	1032	1308	SEP1 8512A	1983	2514	SEP2 8512A
850	1400	700	1200	1239	1570	SEP1 8514A	2380	3016	SEP2 8514A
850	1600	700	1400	1445	1832	SEP1 8516A	2776	3519	SEP2 8516A
850	1800	700	1600	1651	2093	SEP1 8518A	3173	4022	SEP2 8518A
850	2000	700	1800	1858	2355	SEP1 8520A	3570	4525	SEP2 8520A
850	2200	700	2000	2064	2617	SEP1 8522A	3966	5027	SEP2 8522A



Model B Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted minimum 100mm above floor level.

Model B LST cover height mm	LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm watts △T50°C watts △T60°C		SEP 1 order code	SEP 2 - depth 170mm watts △T50°C watts △T60°C		SEP 2 order code
350	1000	200	800	-	-	-	552	700	SEP2 3510B
350	1200	200	1000	-	-	-	692	877	SEP2 3512B
350	1400	200	1200	-	-	-	830	1052	SEP2 3514B
350	1600	200	1400	-	-	-	968	1227	SEP2 3516B
350	1800	200	1600	-	-	-	1107	1403	SEP2 3518B
350	2200	200	2000	-	-	-	1383	1753	SEP2 3520B
450	600	300	400	204	259	SEP1 4506B	398	504	SEP2 4506B
450	800	300	600	307	389	SEP1 4508B	596	755	SEP2 4508B
450	1000	300	800	409	518	SEP1 4510B	795	1007	SEP2 4510B
450	1200	300	1000	511	648	SEP1 4512B	994	1260	SEP2 4512B
450	1400	300	1200	613	777	SEP1 4514B	1193	1512	SEP2 4514B
450	1600	300	1400	715	906	SEP1 4516B	1392	1764	SEP2 4516B
450	1800	300	1600	817	1036	SEP1 4518B	1590	2015	SEP2 4518B
450	2000	300	1800	919	1165	SEP1 4520B	1789	2267	SEP2 4520B
450	2200	300	2000	1022	1295	SEP1 4522B	1988	2519	SEP2 4522B
550	600	400	400	265	335	SEP1 5506B	490	620	SEP2 5506B
550	800	400	600	397	502	SEP1 5508B	734	929	SEP2 5508B
550	1000	400	800	529	670	SEP1 5510B	978	1238	SEP2 5510B
550	1200	400	1000	660	836	SEP1 5512B	1223	1548	SEP2 5512B
550	1400	400	1200	794	1005	SEP1 5514B	1468	1858	SEP2 5514B
550	1600	400	1400	925	1171	SEP1 5516B	1712	2167	SEP2 5516B
550	1800	400	1600	1057	1338	SEP1 5518B	1957	2477	SEP2 5518B
550	2000	400	1800	1190	1506	SEP1 5520B	2201	2786	SEP2 5520B
550	2200	400	2000	1323	1675	SEP1 5522B	2378	3010	SEP2 5522B
650	600	500	400	316	400	SEP1 6506B	586	742	SEP2 6506B
650	800	500	600	474	600	SEP1 6508B	878	1112	SEP2 6508B
650	1000	500	800	633	801	SEP1 6510B	1172	1483	SEP2 6510B
650	1200	500	1000	783	991	SEP1 6512B	1465	1854	SEP2 6512B
650	1400	500	1200	940	1190	SEP1 6514B	1758	2225	SEP2 6514B
650	1600	500	1400	1096	1387	SEP1 6516B	2051	2596	SEP2 6516B
650	1800	500	1600	1252	1585	SEP1 6518B	2343	2966	SEP2 6518B
650	2000	500	1800	1410	1785	SEP1 6520B	2636	3337	SEP2 6520B
650	2200	500	2000	1580	2000	SEP1 6522B	2929	3708	SEP2 6522B
750	600	600	400	359	455	SEP1 7506B	679	860	SEP2 7506B
750	800	600	600	539	682	SEP1 7508B	1018	1289	SEP2 7508B
750	1000	600	800	719	910	SEP1 7510B	1357	1718	SEP2 7510B
750	1200	600	1000	901	1140	SEP1 7512B	1697	2148	SEP2 7512B
750	1400	600	1200	1079	1366	SEP1 7514B	2037	2578	SEP2 7514B
750	1600	600	1400	1259	1593	SEP1 7516B	2376	3007	SEP2 7516B
750	1800	600	1600	1438	1820	SEP1 7518B	2714	3436	SEP2 7518B
750	2000	600	1800	1618	2048	SEP1 7520B	3054	3866	SEP2 7520B
750	2200	600	2000	1797	2275	SEP1 7522B	3394	4296	SEP2 7522B
850	600	700	400	413	523	SEP1 8506B	793	1005	SEP2 8506B
850	800	700	600	619	785	SEP1 8508B	1189	1508	SEP2 8508B
850	1000	700	800	826	1047	SEP1 8510B	1587	2011	SEP2 8510B
850	1200	700	1000	1032	1308	SEP1 8512B	1983	2514	SEP2 8512B
850	1400	700	1200	1239	1570	SEP1 8514B	2380	3016	SEP2 8514B
850	1600	700	1400	1445	1832	SEP1 8516B	2776	3519	SEP2 8516B
850	1800	700	1600	1651	2093	SEP1 8518B	3173	4022	SEP2 8518B
850	2000	700	1800	1858	2355	SEP1 8520B	3570	4525	SEP2 8520B
850	2200	700	2000	2064	2617	SEP1 8522B	3966	5027	SEP2 8522B



Model C Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted with LST panel extending to floor level.

Model C LST cover height mm	LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm watts ΔT50°C watts ΔT60°C		SEP 1 order code	SEP 2 - depth 170mm watts ΔT50°C watts ΔT60°C		SEP 2 order code
550	1000	200	800	-	-	-	552	700	SEP2 5510C
550	1200	200	1000	-	-	-	692	877	SEP2 5512C
550	1400	200	1200	-	-	-	830	1052	SEP2 5514C
550	1600	200	1400	-	-	-	968	1227	SEP2 5516C
550	1800	200	1600	-	-	-	1107	1403	SEP2 5518C
550	2200	200	2000	-	-	-	1383	1753	SEP2 5520C
650	600	300	400	204	259	SEP1 6506C	398	504	SEP2 6506C
650	800	300	600	307	389	SEP1 6508C	596	755	SEP2 6508C
650	1000	300	800	409	518	SEP1 6510C	795	1007	SEP2 6510C
650	1200	300	1000	511	648	SEP1 6512C	994	1260	SEP2 6512C
650	1400	300	1200	613	777	SEP1 6514C	1193	1512	SEP2 6514C
650	1600	300	1400	715	906	SEP1 6516C	1392	1764	SEP2 6516C
650	1800	300	1600	817	1036	SEP1 6518C	1590	2015	SEP2 6518C
650	2000	300	1800	919	1165	SEP1 6520C	1789	2267	SEP2 6520C
650	2200	300	2000	1022	1295	SEP1 6522C	1988	2519	SEP2 6522C
750	600	400	400	265	335	SEP1 7506C	490	620	SEP2 7506C
750	800	400	600	397	502	SEP1 7508C	734	929	SEP2 7508C
750	1000	400	800	529	670	SEP1 7510C	978	1238	SEP2 7510C
750	1200	400	1000	660	836	SEP1 7512C	1223	1548	SEP2 7512C
750	1400	400	1200	794	1005	SEP1 7514C	1468	1858	SEP2 7514C
750	1600	400	1400	925	1171	SEP1 7516C	1712	2167	SEP2 7516C
750	1800	400	1600	1057	1338	SEP1 7518C	1957	2477	SEP2 7518C
750	2000	400	1800	1190	1506	SEP1 7520C	2201	2786	SEP2 7520C
750	2200	400	2000	1323	1675	SEP1 7522C	2378	3010	SEP2 7522C
850	600	500	400	316	400	SEP1 8506C	586	742	SEP2 8506C
850	800	500	600	474	600	SEP1 8508C	878	1112	SEP2 8508C
850	1000	500	800	633	801	SEP1 8510C	1172	1483	SEP2 8510C
850	1200	500	1000	783	991	SEP1 8512C	1465	1854	SEP2 8512C
850	1400	500	1200	940	1190	SEP1 8514C	1758	2225	SEP2 8514C
850	1600	500	1400	1096	1387	SEP1 8516C	2051	2596	SEP2 8516C
850	1800	500	1600	1252	1585	SEP1 8518C	2343	2966	SEP2 8518C
850	2000	500	1800	1410	1785	SEP1 8520C	2636	3337	SEP2 8520C
850	2200	500	2000	1580	2000	SEP1 8522C	2929	3708	SEP2 8522C
950	600	600	400	359	455	SEP1 9506C	679	860	SEP2 9506C
950	800	600	600	539	682	SEP1 9508C	1018	1289	SEP2 9508C
950	1000	600	800	719	910	SEP1 9510C	1357	1718	SEP2 9510C
950	1200	600	1000	901	1140	SEP1 9512C	1697	2148	SEP2 9512C
950	1400	600	1200	1079	1366	SEP1 9514C	2037	2578	SEP2 9514C
950	1600	600	1400	1259	1593	SEP1 9516C	2376	3007	SEP2 9516C
950	1800	600	1600	1438	1820	SEP1 9518C	2714	3436	SEP2 9518C
950	2000	600	1800	1618	2048	SEP1 9520C	3054	3866	SEP2 9520C
950	2200	600	2000	1797	2275	SEP1 9522C	3394	4296	SEP2 9522C
1050	600	700	400	413	523	SEP1 10506C	793	1005	SEP2 10506C
1050	800	700	600	619	785	SEP1 10508C	1189	1508	SEP2 10508C
1050	1000	700	800	826	1047	SEP1 10510C	1587	2011	SEP2 10510C
1050	1200	700	1000	1032	1308	SEP1 10512C	1983	2514	SEP2 10512C
1050	1400	700	1200	1239	1570	SEP1 10514C	2380	3016	SEP2 10514C
1050	1600	700	1400	1445	1832	SEP1 10516C	2776	3519	SEP2 10516C
1050	1800	700	1600	1651	2093	SEP1 10518C	3173	4022	SEP2 10518C
1050	2000	700	1800	1858	2355	SEP1 10520C	3570	4525	SEP2 10520C
1050	2200	700	2000	2064	2617	SEP1 10522C	3966	5027	SEP2 10522C



Model D Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted minimum 100mm above floor level.

Model D LST cover height mm	LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm watts △T50°C watts △T60°C		SEP 1 order code	SEP 2 - depth 170mm watts △T50°C watts △T60°C		SEP 2 order code
450	1000	200	800	-	-	-	552	700	SEP2 4510D
450	1200	200	1000	-	-	-	692	877	SEP2 4512D
450	1400	200	1200	-	-	-	830	1052	SEP2 4514D
450	1600	200	1400	-	-	-	968	1227	SEP2 4516D
450	1800	200	1600	-	-	-	1107	1403	SEP2 4518D
450	2200	200	2000	-	-	-	1383	1753	SEP2 4520D
550	600	300	400	204	259	SEP1 5506D	398	504	SEP2 5506D
550	800	300	600	307	389	SEP1 5508D	596	755	SEP2 5508D
550	1000	300	800	409	518	SEP1 5510D	795	1007	SEP2 5510D
550	1200	300	1000	511	648	SEP1 5512D	994	1260	SEP2 5512D
550	1400	300	1200	613	777	SEP1 5514D	1193	1512	SEP2 5514D
550	1600	300	1400	715	906	SEP1 5516D	1392	1764	SEP2 5516D
550	1800	300	1600	817	1036	SEP1 5518D	1590	2015	SEP2 5518D
550	2000	300	1800	919	1165	SEP1 5520D	1789	2267	SEP2 5520D
550	2200	300	2000	1022	1295	SEP1 5522D	1988	2519	SEP2 5522D
650	600	400	400	265	335	SEP1 6506D	490	620	SEP2 6506D
650	800	400	600	397	502	SEP1 6508D	734	929	SEP2 6508D
650	1000	400	800	529	670	SEP1 6510D	978	1238	SEP2 6510D
650	1200	400	1000	660	836	SEP1 6512D	1223	1548	SEP2 6512D
650	1400	400	1200	794	1005	SEP1 6514D	1468	1858	SEP2 6514D
650	1600	400	1400	925	1171	SEP1 6516D	1712	2167	SEP2 6516D
650	1800	400	1600	1057	1338	SEP1 6518D	1957	2477	SEP2 6518D
650	2000	400	1800	1190	1506	SEP1 6520D	2201	2786	SEP2 6520D
650	2200	400	2000	1323	1675	SEP1 6522D	2378	3010	SEP2 6522D
750	600	500	400	316	400	SEP1 7506D	586	742	SEP2 7506D
750	800	500	600	474	600	SEP1 7508D	878	1112	SEP2 7508D
750	1000	500	800	633	801	SEP1 7510D	1172	1483	SEP2 7510D
750	1200	500	1000	783	991	SEP1 7512D	1465	1854	SEP2 7512D
750	1400	500	1200	940	1190	SEP1 7514D	1758	2225	SEP2 7514D
750	1600	500	1400	1096	1387	SEP1 7516D	2051	2596	SEP2 7516D
750	1800	500	1600	1252	1585	SEP1 7518D	2343	2966	SEP2 7518D
750	2000	500	1800	1410	1785	SEP1 7520D	2636	3337	SEP2 7520D
750	2200	500	2000	1580	2000	SEP1 7522D	2929	3708	SEP2 7522D
850	600	600	400	359	455	SEP1 8506D	679	860	SEP2 8506D
850	800	600	600	539	682	SEP1 8508D	1018	1289	SEP2 8508D
850	1000	600	800	719	910	SEP1 8510D	1357	1718	SEP2 8510D
850	1200	600	1000	901	1140	SEP1 8512D	1697	2148	SEP2 8512D
850	1400	600	1200	1079	1366	SEP1 8514D	2037	2578	SEP2 8514D
850	1600	600	1400	1259	1593	SEP1 8516D	2376	3007	SEP2 8516D
850	1800	600	1600	1438	1820	SEP1 8518D	2714	3436	SEP2 8518D
850	2000	600	1800	1618	2048	SEP1 8520D	3054	3866	SEP2 8520D
850	2200	600	2000	1797	2275	SEP1 8522D	3394	4296	SEP2 8522D
950	600	700	400	413	523	SEP1 9506D	793	1005	SEP2 9506D
950	800	700	600	619	785	SEP1 9508D	1189	1508	SEP2 9508D
950	1000	700	800	826	1047	SEP1 9510D	1587	2011	SEP2 9510D
950	1200	700	1000	1032	1308	SEP1 9512D	1983	2514	SEP2 9512D
950	1400	700	1200	1239	1570	SEP1 9514D	2380	3016	SEP2 9514D
950	1600	700	1400	1445	1832	SEP1 9516D	2776	3519	SEP2 9516D
950	1800	700	1600	1651	2093	SEP1 9518D	3173	4022	SEP2 9518D
950	2000	700	1800	1858	2355	SEP1 9520D	3570	4525	SEP2 9520D
950	2200	700	2000	2064	2617	SEP1 9522D	3966	5027	SEP2 9522D



Model E Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted with LST panel extending to floor level.

Model E LST cover height mm	LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm watts ΔT50°C watts ΔT60°C		SEP 1 order code	SEP 2 - depth 170mm watts ΔT50°C watts ΔT60°C		SEP 2 order code
650	1000	200	800	-	-	-	552	700	SEP2 6510E
650	1200	200	1000	-	-	-	692	877	SEP2 6512E
650	1400	200	1200	-	-	-	830	1052	SEP2 6514E
650	1600	200	1400	-	-	-	968	1227	SEP2 6516E
650	1800	200	1600	-	-	-	1107	1403	SEP2 6518E
650	2200	200	2000	-	-	-	1383	1753	SEP2 6520E
750	600	300	400	204	259	SEP1 7506E	398	504	SEP2 7506E
750	800	300	600	307	389	SEP1 7508E	596	755	SEP2 7508E
750	1000	300	800	409	518	SEP1 7510E	795	1007	SEP2 7510E
750	1200	300	1000	511	648	SEP1 7512E	994	1260	SEP2 7512E
750	1400	300	1200	613	777	SEP1 7514E	1193	1512	SEP2 7514E
750	1600	300	1400	715	906	SEP1 7516E	1392	1764	SEP2 7516E
750	1800	300	1600	817	1036	SEP1 7518E	1590	2015	SEP2 7518E
750	2000	300	1800	919	1165	SEP1 7520E	1789	2267	SEP2 7520E
750	2200	300	2000	1022	1295	SEP1 7522E	1988	2519	SEP2 7522E
850	600	400	400	265	335	SEP1 8506E	490	620	SEP2 8506E
850	800	400	600	397	502	SEP1 8508E	734	929	SEP2 8508E
850	1000	400	800	529	670	SEP1 8510E	978	1238	SEP2 8510E
850	1200	400	1000	660	836	SEP1 8512E	1223	1548	SEP2 8512E
850	1400	400	1200	794	1005	SEP1 8514E	1468	1858	SEP2 8514E
850	1600	400	1400	925	1171	SEP1 8516E	1712	2167	SEP2 8516E
850	1800	400	1600	1057	1338	SEP1 8518E	1957	2477	SEP2 8518E
850	2000	400	1800	1190	1506	SEP1 8520E	2201	2786	SEP2 8520E
850	2200	400	2000	1323	1675	SEP1 8522E	2378	3010	SEP2 8522E
950	600	500	400	316	400	SEP1 9506E	586	742	SEP2 9506E
950	800	500	600	474	600	SEP1 9508E	878	1112	SEP2 9508E
950	1000	500	800	633	801	SEP1 9510E	1172	1483	SEP2 9510E
950	1200	500	1000	783	991	SEP1 9512E	1465	1854	SEP2 9512E
950	1400	500	1200	940	1190	SEP1 9514E	1758	2225	SEP2 9514E
950	1600	500	1400	1096	1387	SEP1 9516E	2051	2596	SEP2 9516E
950	1800	500	1600	1252	1585	SEP1 9518E	2343	2966	SEP2 9518E
950	2000	500	1800	1410	1785	SEP1 9520E	2636	3337	SEP2 9520E
950	2200	500	2000	1580	2000	SEP1 9522E	2929	3708	SEP2 9522E
1050	600	600	400	359	455	SEP1 10506E	679	860	SEP2 10506E
1050	800	600	600	539	682	SEP1 10508E	1018	1289	SEP2 10508E
1050	1000	600	800	719	910	SEP1 10510E	1357	1718	SEP2 10510E
1050	1200	600	1000	901	1140	SEP1 10512E	1697	2148	SEP2 10512E
1050	1400	600	1200	1079	1366	SEP1 10514E	2037	2578	SEP2 10514E
1050	1600	600	1400	1259	1593	SEP1 10516E	2376	3007	SEP2 10516E
1050	1800	600	1600	1438	1820	SEP1 10518E	2714	3436	SEP2 10518E
1050	2000	600	1800	1618	2048	SEP1 10520E	3054	3866	SEP2 10520E
1050	2200	600	2000	1797	2275	SEP1 10522E	3394	4296	SEP2 10522E
1150	600	700	400	413	523	SEP1 11506E	793	1005	SEP2 11506E
1150	800	700	600	619	785	SEP1 11508E	1189	1508	SEP2 11508E
1150	1000	700	800	826	1047	SEP1 11510E	1587	2011	SEP2 11510E
1150	1200	700	1000	1032	1308	SEP1 11512E	1983	2514	SEP2 11512E
1150	1400	700	1200	1239	1570	SEP1 11514E	2380	3016	SEP2 11514E
1150	1600	700	1400	1445	1832	SEP1 11516E	2776	3519	SEP2 11516E
1150	1800	700	1600	1651	2093	SEP1 11518E	3173	4022	SEP2 11518E
1150	2000	700	1800	1858	2355	SEP1 11520E	3570	4525	SEP2 11520E
1150	2200	700	2000	2064	2617	SEP1 11522E	3966	5027	SEP2 11522E



Model F Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted minimum 100mm above floor level.

Model F		LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm		SEP 1 order code	SEP 2 - depth 170mm		SEP 2 order code
LST cover height mm SEP 1	SEP 2				watts $\Delta T50^{\circ}\text{C}$	watts $\Delta T60^{\circ}\text{C}$		watts $\Delta T50^{\circ}\text{C}$	watts $\Delta T60^{\circ}\text{C}$	
-	510	1000	200	800	-	-	-	552	700	SEP2 5110F
-	510	1200	200	1000	-	-	-	692	877	SEP2 5112F
-	510	1400	200	1200	-	-	-	830	1052	SEP2 5114F
-	510	1600	200	1400	-	-	-	968	1227	SEP2 5116F
-	510	1800	200	1600	-	-	-	1107	1403	SEP2 5118F
-	510	2200	200	2000	-	-	-	1383	1753	SEP2 5120F
570	610	600	300	400	204	259	SEP1 5706F	398	504	SEP2 6106F
570	610	800	300	600	307	389	SEP1 5708F	596	755	SEP2 6108F
570	610	1000	300	800	409	518	SEP1 5710F	795	1007	SEP2 6110F
570	610	1200	300	1000	511	648	SEP1 5712F	994	1260	SEP2 6112F
570	610	1400	300	1200	613	777	SEP1 5714F	1193	1512	SEP2 6114F
570	610	1600	300	1400	715	906	SEP1 5716F	1392	1764	SEP2 6116F
570	610	1800	300	1600	817	1036	SEP1 5718F	1590	2015	SEP2 6118F
570	610	2000	300	1800	919	1165	SEP1 5720F	1789	2267	SEP2 6120F
570	610	2200	300	2000	1022	1295	SEP1 5722F	1988	2519	SEP2 6122F
670	710	600	400	400	265	335	SEP1 6706F	490	620	SEP2 7106F
670	710	800	400	600	397	502	SEP1 6708F	734	929	SEP2 7108F
670	710	1000	400	800	529	670	SEP1 6710F	978	1238	SEP2 7110F
670	710	1200	400	1000	660	836	SEP1 6712F	1223	1548	SEP2 7112F
670	710	1400	400	1200	794	1005	SEP1 6714F	1468	1858	SEP2 7114F
670	710	1600	400	1400	925	1171	SEP1 6716F	1712	2167	SEP2 7116F
670	710	1800	400	1600	1057	1338	SEP1 6718F	1957	2477	SEP2 7118F
670	710	2000	400	1800	1190	1506	SEP1 6720F	2201	2786	SEP2 7120F
670	710	2200	400	2000	1323	1675	SEP1 6722F	2378	3010	SEP2 7122F
770	810	600	500	400	316	400	SEP1 7706F	586	742	SEP2 8106F
770	810	800	500	600	474	600	SEP1 7708F	878	1112	SEP2 8108F
770	810	1000	500	800	633	801	SEP1 7710F	1172	1483	SEP2 8110F
770	810	1200	500	1000	783	991	SEP1 7712F	1465	1854	SEP2 8112F
770	810	1400	500	1200	940	1190	SEP1 7714F	1758	2225	SEP2 8114F
770	810	1600	500	1400	1096	1387	SEP1 7716F	2051	2596	SEP2 8116F
770	810	1800	500	1600	1252	1585	SEP1 7718F	2343	2966	SEP2 8118F
770	810	2000	500	1800	1410	1785	SEP1 7720F	2636	3337	SEP2 8120F
770	810	2200	500	2000	1580	2000	SEP1 7722F	2929	3708	SEP2 8122F
870	910	600	600	400	359	455	SEP1 8706F	679	860	SEP2 9106F
870	910	800	600	600	539	682	SEP1 8708F	1018	1289	SEP2 9108F
870	910	1000	600	800	719	910	SEP1 8710F	1357	1718	SEP2 9110F
870	910	1200	600	1000	901	1140	SEP1 8712F	1697	2148	SEP2 9112F
870	910	1400	600	1200	1079	1366	SEP1 8714F	2037	2578	SEP2 9114F
870	910	1600	600	1400	1259	1593	SEP1 8716F	2376	3007	SEP2 9116F
870	910	1800	600	1600	1438	1820	SEP1 8718F	2714	3436	SEP2 9118F
870	910	2000	600	1800	1618	2048	SEP1 8720F	3054	3866	SEP2 9120F
870	910	2200	600	2000	1797	2275	SEP1 8722F	3394	4296	SEP2 9122F
970	1010	600	700	400	413	523	SEP1 9706F	793	1005	SEP2 10106F
970	1010	800	700	600	619	785	SEP1 9708F	1189	1508	SEP2 10108F
970	1010	1000	700	800	826	1047	SEP1 9710F	1587	2011	SEP2 10110F
970	1010	1200	700	1000	1032	1308	SEP1 9712F	1983	2514	SEP2 10112F
970	1010	1400	700	1200	1239	1570	SEP1 9714F	2380	3016	SEP2 10114F
970	1010	1600	700	1400	1445	1832	SEP1 9716F	2776	3519	SEP2 10116F
970	1010	1800	700	1600	1651	2093	SEP1 9718F	3173	4022	SEP2 10118F
970	1010	2000	700	1800	1858	2355	SEP1 9720F	3570	4525	SEP2 10120F
970	1010	2200	700	2000	2064	2617	SEP1 9722F	3966	5027	SEP2 10122F



Model FC Technical Information

Conforms to DHSS/NHS Estates specification for safe surface temperatures.

Heat outputs to BS EN442.

Please note all model types available and their dimensions. See page 2.

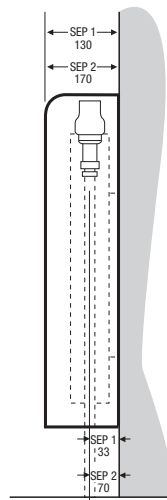
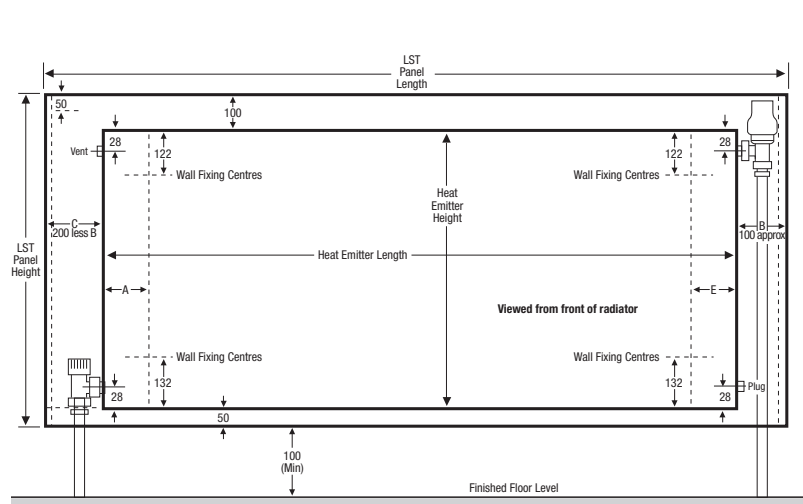
Outputs quoted below to BS EN442 at 90/70/20°C and 75/65/20°C.

Wall mounted with LST panel extending to floor level.

Model FC		LST cover length mm	heat emitter height mm	heat emitter length mm	SEP 1 - depth 130mm		SEP 1 order code	SEP 2 - depth 170mm		SEP 2 order code
LST cover height mm SEP 1	LST cover height mm SEP 2				watts $\Delta T50^{\circ}\text{C}$	watts $\Delta T60^{\circ}\text{C}$		watts $\Delta T50^{\circ}\text{C}$	watts $\Delta T60^{\circ}\text{C}$	
-	710	1000	200	800	-	-	-	552	700	SEP2 7110FC
-	710	1200	200	1000	-	-	-	692	877	SEP2 7112FC
-	710	1400	200	1200	-	-	-	830	1052	SEP2 7114FC
-	710	1600	200	1400	-	-	-	968	1227	SEP2 7116FC
-	710	1800	200	1600	-	-	-	1107	1403	SEP2 7118FC
-	710	2200	200	2000	-	-	-	1383	1753	SEP2 7120FC
770	810	600	300	400	204	259	SEP1 7706FC	398	504	SEP2 8106FC
770	810	800	300	600	307	389	SEP1 7708FC	596	755	SEP2 8108FC
770	810	1000	300	800	409	518	SEP1 7710FC	795	1007	SEP2 8110FC
770	810	1200	300	1000	511	648	SEP1 7712FC	994	1260	SEP2 8112FC
770	810	1400	300	1200	613	777	SEP1 7714FC	1193	1512	SEP2 8114FC
770	810	1600	300	1400	715	906	SEP1 7716FC	1392	1764	SEP2 8116FC
770	810	1800	300	1600	817	1036	SEP1 7718FC	1590	2015	SEP2 8118FC
770	810	2000	300	1800	919	1165	SEP1 7720FC	1789	2267	SEP2 8120FC
770	810	2200	300	2000	1022	1295	SEP1 7722FC	1988	2519	SEP2 8122FC
870	910	600	400	400	265	335	SEP1 8706FC	490	620	SEP2 9106FC
870	910	800	400	600	397	502	SEP1 8708FC	734	929	SEP2 9108FC
870	910	1000	400	800	529	670	SEP1 8710FC	978	1238	SEP2 9110FC
870	910	1200	400	1000	660	836	SEP1 8712FC	1223	1548	SEP2 9112FC
870	910	1400	400	1200	794	1005	SEP1 8714FC	1468	1858	SEP2 9114FC
870	910	1600	400	1400	925	1171	SEP1 8716FC	1712	2167	SEP2 9116FC
870	910	1800	400	1600	1057	1338	SEP1 8718FC	1957	2477	SEP2 9118FC
870	910	2000	400	1800	1190	1506	SEP1 8720FC	2201	2786	SEP2 9120FC
870	910	2200	400	2000	1323	1675	SEP1 8722FC	2378	3010	SEP2 9122FC
970	1010	600	500	400	316	400	SEP1 9706FC	586	742	SEP2 10106FC
970	1010	800	500	600	474	600	SEP1 9708FC	878	1112	SEP2 10108FC
970	1010	1000	500	800	633	801	SEP1 9710FC	1172	1483	SEP2 10110FC
970	1010	1200	500	1000	783	991	SEP1 9712FC	1465	1854	SEP2 10112FC
970	1010	1400	500	1200	940	1190	SEP1 9714FC	1758	2225	SEP2 10114FC
970	1010	1600	500	1400	1096	1387	SEP1 9716FC	2051	2596	SEP2 10116FC
970	1010	1800	500	1600	1252	1585	SEP1 9718FC	2343	2966	SEP2 10118FC
970	1010	2000	500	1800	1410	1785	SEP1 9720FC	2636	3337	SEP2 10120FC
970	1010	2200	500	2000	1580	2000	SEP1 9722FC	2929	3708	SEP2 10122FC
1070	1110	600	600	400	359	455	SEP1 10706FC	679	860	SEP2 11106FC
1070	1110	800	600	600	539	682	SEP1 10708FC	1018	1289	SEP2 11108FC
1070	1110	1000	600	800	719	910	SEP1 10710FC	1357	1718	SEP2 11110FC
1070	1110	1200	600	1000	901	1140	SEP1 10712FC	1697	2148	SEP2 11112FC
1070	1110	1400	600	1200	1079	1366	SEP1 10714FC	2037	2578	SEP2 11114FC
1070	1110	1600	600	1400	1259	1593	SEP1 10716FC	2376	3007	SEP2 11116FC
1070	1110	1800	600	1600	1438	1820	SEP1 10718FC	2714	3436	SEP2 11118FC
1070	1110	2000	600	1800	1618	2048	SEP1 10720FC	3054	3866	SEP2 11120FC
1070	1110	2200	600	2000	1797	2275	SEP1 10722FC	3394	4296	SEP2 11122FC
1170	1210	600	700	400	413	523	SEP1 11706FC	793	1005	SEP2 12106FC
1170	1210	800	700	600	619	785	SEP1 11708FC	1189	1508	SEP2 12108FC
1170	1210	1000	700	800	826	1047	SEP1 11710FC	1587	2011	SEP2 12110FC
1170	1210	1200	700	1000	1032	1308	SEP1 11712FC	1983	2514	SEP2 12112FC
1170	1210	1400	700	1200	1239	1570	SEP1 11714FC	2380	3016	SEP2 12114FC
1170	1210	1600	700	1400	1445	1832	SEP1 11716FC	2776	3519	SEP2 12116FC
1170	1210	1800	700	1600	1651	2093	SEP1 11718FC	3173	4022	SEP2 12118FC
1170	1210	2000	700	1800	1858	2355	SEP1 11720FC	3570	4525	SEP2 12120FC
1170	1210	2200	700	2000	2064	2617	SEP1 11722FC	3966	5027	SEP2 12122FC

Saferad LST

Type A and B models with t.r.v. head inside casing

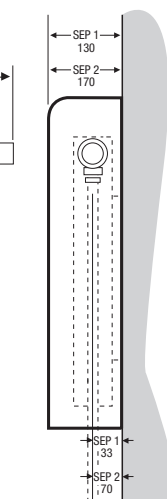
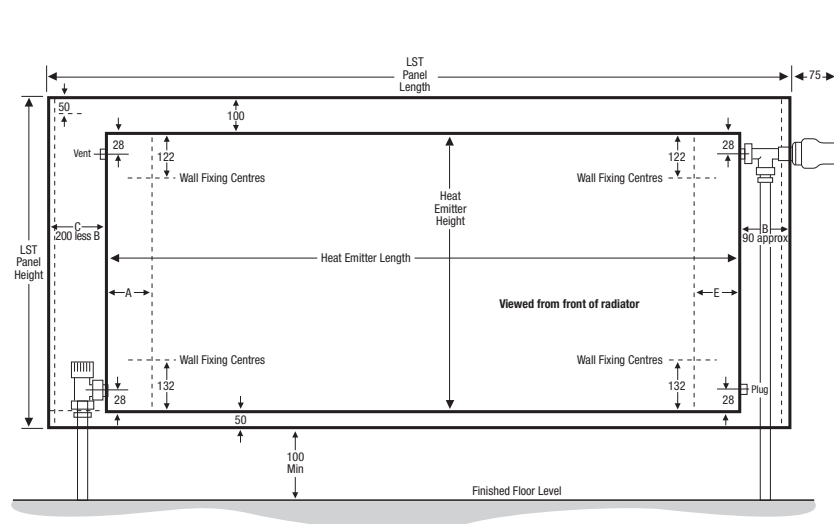


View from front - Wall fixing Centres				
	SEP 1 - Single Rad		SEP 2 - Double Rad	
	LH TRV	RH TRV	LH TRV	RH TRV
Heat Emitter	A	E	A	E
200H	140	95	125	80
300H	140	95	125	80
400H	140	95	125	80
500H	140	95	125	80
600H	140	95	125	80
700H	140	95	125	80

dimensions

For radiator with L/H TRV reverse dimensions B and C but ensuring A dimension remains on the left of the emitter and E dimension on the right as illustrated.

Type A and B models with t.r.v. head accessible outside casing



View from front - Wall fixing Centres				
	SEP 1 - Single Rad		SEP 2 - Double Rad	
	LH TRV	RH TRV	LH TRV	RH TRV
Heat Emitter	A	E	A	E
200H	140	95	125	80
300H	140	95	125	80
400H	140	95	125	80
500H	140	95	125	80
600H	140	95	125	80
700H	140	95	125	80

dimensions

For radiator with L/H TRV reverse dimensions B and C but ensuring A dimension remains on the left of the emitter and E dimension on the right as illustrated.

Saferad radiator valves

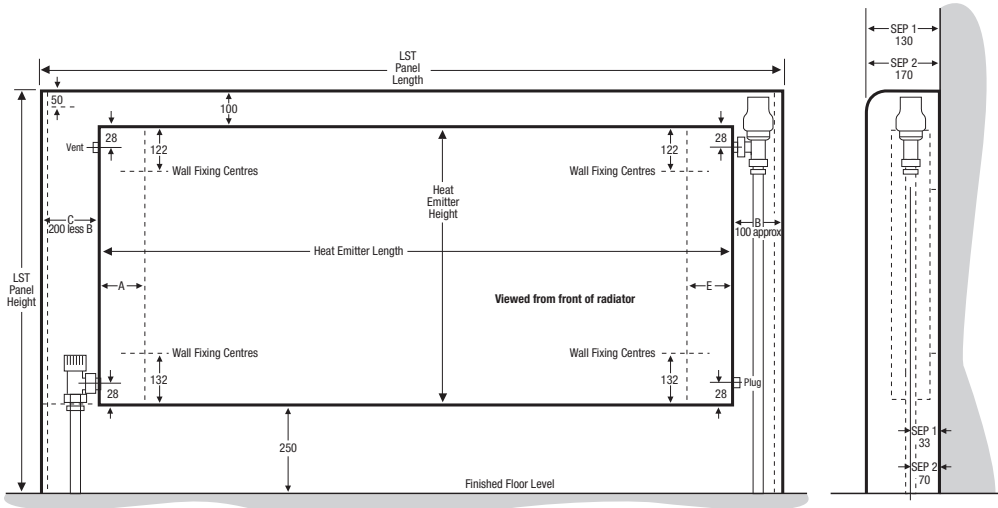
Top quality radiator valves for installation with Sensotherm LST radiators. For use inside or outside the Sensotherm LST casing.

TRV's can be serviced in line without drain down and are lockable for safety and security from tampering. Lockshield valves feature regulation, isolation and have a memory setting feature.

For a maximum working pressure of 10bar on LPHW central heating systems and supplied with 1/2" iron or 15mm copper connections. Officially approved to BS EN215, BS6284, BS7478 and BS7556 and manufactured under DIN EN ISO 9001 Certification. For further technical information please contact Sensotherm.



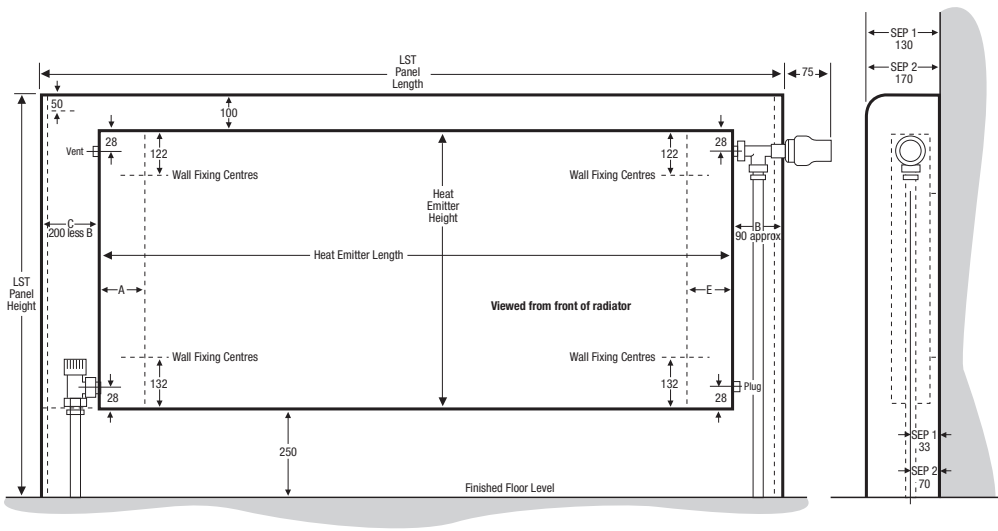
Type C model with t.r.v. head inside casing



View from front - Wall fixing Centres				
	SEP 1 - Single Rad		SEP 2 - Double Rad	
	LH TRV	RH TRV	LH TRV	RH TRV
Heat Emitter	A	E	A	E
200H	140	95	125	80
300H	140	95	125	80
400H	140	95	125	80
500H	140	95	125	80
600H	140	95	125	80
700H	140	95	125	80

dimensions
For radiator with L/H TRV reverse dimensions B and C but ensuring A dimension remains on the left of the emitter and E dimension on the right as illustrated.

Type C model with t.r.v. head accessible outside casing



View from front - Wall fixing Centres				
	SEP 1 - Single Rad		SEP 2 - Double Rad	
	LH TRV	RH TRV	LH TRV	RH TRV
Heat Emitter	A	E	A	E
200H	140	95	125	80
300H	140	95	125	80
400H	140	95	125	80
500H	140	95	125	80
600H	140	95	125	80
700H	140	95	125	80

dimensions
For radiator with L/H TRV reverse dimensions B and C but ensuring A dimension remains on the left of the emitter and E dimension on the right as illustrated.



saferad LST radiators

sensotherm

Have been designing and supplying LST radiators for over 25 years and offer one of the largest proven ranges of LST radiators in the U.K. with many varied installations in Hospitals, Retirement Homes, Nurseries, Schools and Public buildings.

Saferad has been designed with our clients to ensure warmth with safety and security and fully conforms with DHSS N.H.S. Estates specification for safe surface temperatures, ie. maximum 43°C at system design 82/71/20°C, with top rounded profile for extra safety and care.

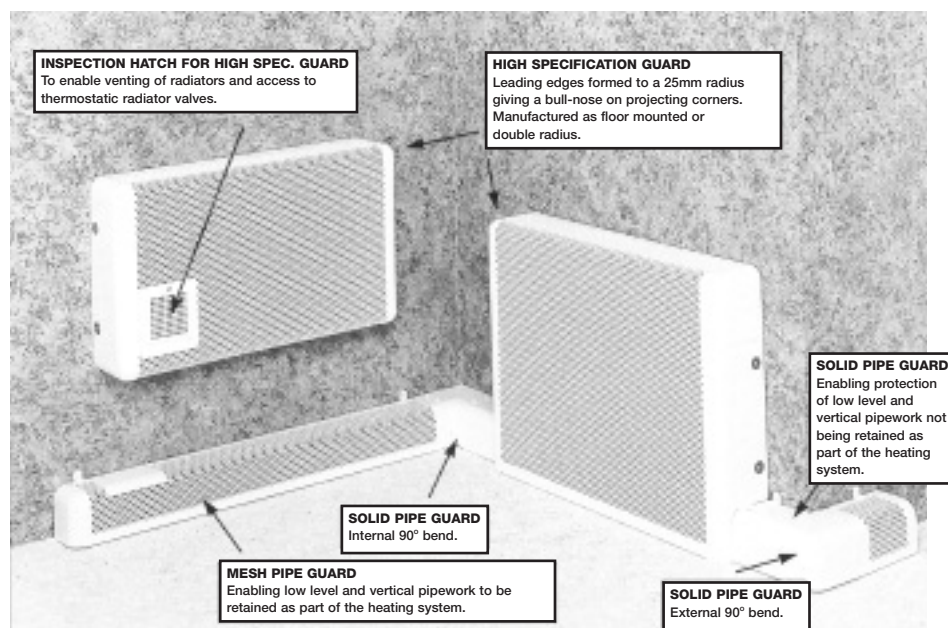
Saferad steel heat emitters are certified to BS EN442 for heat outputs and guaranteed for 10 years use on a LPHW system against failure due to material or manufacture defect. Each heat emitter is supplied with 4 1/2" BSP connections, and is manufactured from 1.2mm steel under ISO 9000 quality assurance and tested to 13 bar for a working pressure of 10 bar.

Saferad LST radiator covers are manufactured from 15swg steel and paint finished in the most modern and environmentally friendly way to RAL 9016 White as standard.

Other RAL colours are available as an optional extra.

Saferad LST covers are supplied with special allen key operated fixing to prevent unauthorised removal. Each standard Saferad cover has 190mm of space inside to accommodate valves which can be installed within the casings without the need for remote sensors or with the TRV head alone protruding out of the casing. Heat emitter connections can be TBOE, BOE or TBSE. Special units can be supplied to suit project requirements together with a range of radiator valves. Factory cut-out's to accommodate TRV's and pipework are available as an optional extra. All standard Saferad LST covers are supplied in one piece to allow fast, efficient and time saving site fixing with maximum strength protection.

Sensotherm also supply a wide range of bespoke LST covers for existing radiators and pipework as illustrated below, please refer to our **Safeguard** literature for full details.



**Senso
therm**
heat with style

**Sensotherm Europanel Ltd,
Stafford Park 16,
Telford, Shropshire,
TF3 3BS.**

Tel: 01952 292219

Fax: 01952 292128

E-mail: sales@sensotherm.co.uk

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Sensotherm reserve the right to alter specification
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