



All dimensions shown are in millimetres

Test pressure: **13 BAR**  
 Max working pressure: **10 BAR**  
 Max working temperature: **120° C**  
 All stainless steel construction: **30mm x 30mm headers**  
**dia 23mm horizontal tubes**  
 Connections: **½ inch BSP underside tapings**

Heat output determined in accordance with EN 442  
 Test Laboratory: HLK STUTTGART, Test House No: 0626

\* rating for simple immersion/CTEC or CTEW in Watts

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres	Max. Immersion Rating*
					Watts	Btu	Watts	Btu				
STGI-060-045	572	450	polished	420	161	549	84	287	1.27	3.0	1.8	100
STGI-060-100	572	1000	polished	970	272	928	144	491	1.24	5.2	3.0	150
STGI-080-030	788	300	polished	270	171	583	89	304	1.28	3.3	2.0	100
STGI-080-045	788	450	polished	420	220	751	115	392	1.27	4.2	3.0	150
STGI-080-050	788	500	polished	470	234	798	122	416	1.26	4.4	2.7	150
STGI-080-060	788	600	polished	570	243	829	128	435	1.26	4.7	3.2	150
STGI-120-030	1220	300	polished	270	240	819	125	427	1.28	5.0	3.1	150
STGI-120-045	1220	450	polished	420	309	1054	161	549	1.28	6.2	3.9	200
STGI-120-050	1220	500	polished	470	353	1204	182	621	1.28	6.6	4.1	250
STGI-120-060	1220	600	polished	570	379	1293	197	672	1.28	7.4	4.6	250
STGI-150-045	1508	450	polished	420	361	1232	187	639	1.28	7.3	4.7	250
STGI-150-060	1508	600	polished	570	448	1529	233	795	1.28	8.7	5.6	300
STGI-170-045	1724	450	polished	420	434	1481	226	771	1.28	8.8	5.3	300
STGI-170-050	1724	500	polished	470	477	1628	247	843	1.27	9.3	5.7	300
STGI-170-060	1724	600	polished	570	517	1764	270	921	1.27	10.2	6.5	300
STGI-060-045	572	450	painted	420	219	747	117	401	1.23	3.0	1.8	150
STGI-060-100	572	1000	painted	970	394	1344	211	721	1.23	5.2	3.0	250
STGI-080-030	788	300	painted	270	218	744	117	399	1.23	3.3	2.0	150
STGI-080-045	788	450	painted	420	294	1003	158	538	1.23	4.2	3.0	200
STGI-080-050	788	500	painted	470	313	1068	166	566	1.23	4.4	2.7	200
STGI-080-060	788	600	painted	570	363	1239	194	661	1.23	4.7	3.2	250
STGI-120-030	1220	300	painted	270	332	1133	177	604	1.23	5.0	3.1	200
STGI-120-045	1220	450	painted	420	448	1529	239	815	1.24	6.2	3.9	300
STGI-120-050	1220	500	painted	470	512	1747	270	921	1.24	6.6	4.1	300
STGI-120-060	1508	600	painted	570	554	1890	294	1003	1.24	7.4	4.6	300
STGI-150-045	1508	450	painted	420	556	1897	297	1012	1.24	7.3	4.7	300
STGI-150-060	1508	600	painted	570	687	2344	367	1251	1.24	8.7	5.6	400
STGI-170-045	1724	450	painted	420	640	2184	343	1171	1.23	8.8	5.3	400
STGI-170-050	1724	500	painted	470	704	2402	373	1273	1.23	9.3	5.7	500
STGI-170-060	1724	600	painted	570	791	2699	422	1440	1.23	10.2	6.5	500

Issue 1.0



## Tools & Material Required

Suitable valves  
PTFE tape  
Silicone thread sealant  
Tape measure  
Allen key - 13mm & 12mm (when installing Zehnder valves)  
Spanner - 13mm & 14mm  
Screwdriver - crosshead & flathead  
Pliers  
Electric drill  
Masonry drill bit  
Spirit level  
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Blanking Plug	1
C	Boss	4
D	Wall Plug	4
E	Bracket	4
F	Screw, 6mm dia x 50mm	4
G	Washer	4
H	Grub Screw	4
I	Allen Key	1

## Assembly Instructions

Sufficient PTFE tape must be applied to valve-tail threads prior to their installation.  
Silicone thread sealant should be applied to all threaded components manufactured with 'O-rings'.

- Fit valve tails, using correct size Allen key.
  - Fit air vent (A), blanking plug (B).
  - Screw bosses (C) to studs on the back of the radiator.
  - Accurately mark out bracket holes on wall using spirit level.
  - Drill four holes to a minimum depth of 65mm & insert wall plugs (D).
  - Attach brackets (E) to wall with screws (F) & washers (G).
  - Hang radiator onto wall by inserting bosses (C) into brackets (E).
  - Tighten grub screws (H) with Allen key (I).
  - Plumb radiator to heating circuit with flow opposite air vent.
  - Air vent is recessed so flathead screwdriver must be used to vent radiator.
- This radiator should be installed onto a central heating system that has been cleaned/flushed and contains water treatment and inhibitors in accordance with BS7593.

