

Classic Victorian styling and flexible mounting options makes the Langdon a perennial favourite. Available in 4 & 6 columns, mounted with either footed end sections or optional cast feet.

KEY FEATURES

- 4 or 6 Column in a choice of 5 Heights
- Footed Ends as standard, optional Cast Feet (available on request)
- Available in RAL 7038 Agate Grey Primer as standard, 188 RAL colours, 10 Classic Cast Iron Finishes, Industrial or Burnished plus

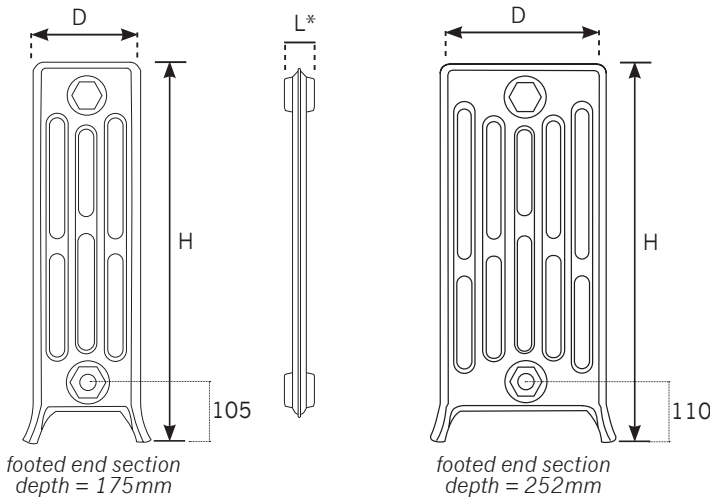


* Subject to correct handling, installation, water treatment and operation, Clyde Langdon radiators are guaranteed against manufacturing defects for 10 years from date of despatch.

TECHNICAL DRAWINGS

4 Column - 144mm depth

6 Column - 221mm depth



HEAT EMISSION RATES

- $\Delta T50$ (75°C / 65°C / 20°C)
- $\Delta T55.5$ (82°C / 71°C / 21°C)
- $\Delta T60$ (90°C / 70°C / 20°C)
- BS EN 442-1 conditions of $\Delta T50$

RANGE SELECTION

- 5 Heights in 4 Column; 360mm, 505mm, 660mm, 760mm, 960mm
- 3 Heights in 6 Column; 505mm, 660mm, 960mm

Note: Industrial & Burnished finishes are not available in 960mm heights

Langdon	Pipe centres left to right	Footed end section depth
4 Column	61 x number of sections + 26mm bushes + valves	175mm (footed ends protrude 31mm total from section width)
6 Column	61 x number of sections + 26mm bushes + valves	252mm (footed ends protrude 31mm total from section width)

Please note for sections without Footed Ends deduct 60mm from the height of the section

SECTION EMISSION RATES

Model	BS EN 442 Emission rates			Recommended Max. No. sections	Section Details						
	75/65/20°C	82/71/21°C	90/70/20°C		Overall Length L mm*	Overall height H mm	Depth D mm	Depth Footed Ends mm	Height Floor to bore mm	Dry weight kg	Water content litres
	DT50 watts	DT55.5 wattS	DT60 watts								
LANG4C36	47	54	60	40	61	360	144	175	105	3.33	0.35
LANG4C50	67	77	85	40	61	505	144	175	105	4.33	0.51
LANG4C66	88	100	112	40	61	660	144	175	105	5.66	0.85
LANG4C76	107	121	135	40	61	760	144	175	105	6.33	1.00
LANG4C96	127	144	161	40	61	960	144	175	105	8.00	1.10
LANG6C50	97	110	122	40	61	505	221	252	110	8.33	1.20
LANG6C66	127	144	160	40	61	660	221	252	110	9.66	1.40
LANG6C96	182	207	231	40	61	960	221	252	110	12.33	1.60

* Overall section length = section + joint ring

SI conversion factor : 1 watt = 3.412 Btu/h

LANGDON QUICK SIZING CHARTS

ΔT_{50} (75°C / 65°C / 20°C)

Model	watts per section	Radiator emission in kilowatts											
		0.6	0.8	1	1.25	1.5	1.75	2	2.5	3	4	5	6
		Nearest number of sections required											
LANG4C36	47	13	17	22	28	32	39	.	.	.	.	.	.
LANG4C50	67	9	12	15	20	23	27	30	.	.	.	.	.
LANG4C66	88	7	10	12	15	17	21	23	29	34	.	.	.
LANG4C76	107	6	8	10	13	15	17	19	24	29	38	.	.
LANG4C96	127	5	7	8	11	12	15	16	20	24	32	40	.
LANG6C50	97	7	9	11	14	16	19	21	26	32	.	.	.
LANG6C66	127	5	7	8	11	12	15	16	20	24	32	40	.
LANG6C96	182	4	5	6	8	9	10	11	14	17	22	28	33

$\Delta T_{55.5}$ (82°C / 71°C / 21°C)

Model	watts per section	Radiator emission in kilowatts											
		0.6	0.8	1	1.25	1.5	1.75	2	2.5	3	4	5	6
		Nearest number of sections required											
LANG4C36	54	12	15	19	25	28	34	38	.	.	.	.	.
LANG4C50	77	8	11	13	17	20	24	26	33	39	.	.	.
LANG4C66	100	6	8	10	13	15	18	20	25	30	40	.	.
LANG4C76	121	5	7	9	11	13	15	17	21	25	34	.	.
LANG4C96	144	5	6	7	10	11	13	14	18	21	28	35	.
LANG6C50	110	6	8	10	12	14	17	19	23	28	37	.	.
LANG6C66	144	5	6	7	10	11	13	14	18	21	28	35	.
LANG6C96	207	3	4	5	7	8	9	10	13	15	20	25	29

ΔT_{60} (90°C / 70°C / 20°C)

Model	watts per section	Radiator emission in kilowatts											
		0.6	0.8	1	1.25	1.5	1.75	2	2.5	3	4	5	6
		Nearest number of sections required											
LANG4C36	60	10	14	17	22	25	30	34	.	.	.	.	.
LANG4C50	85	8	10	12	16	18	22	24	30	36	.	.	.
LANG4C66	112	6	8	9	12	14	17	18	23	27	36	.	.
LANG4C76	135	5	6	8	10	12	14	15	19	23	30	38	.
LANG4C96	161	4	5	7	9	10	12	13	16	19	25	31	38
LANG6C50	122	5	7	9	11	13	15	17	21	25	33	.	.
LANG6C66	160	4	5	7	9	10	12	13	16	19	25	32	38
LANG6C96	231	3	4	5	6	7	8	9	11	13	18	22	26