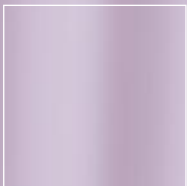


Multisecc



NIPPED TUBULAR STEEL
COLUMN RADIATORS



Multisec

- Nippled construction unique to this type of radiator, allows maximum flexibility in selection and sizing.
- Optional 'insertable feet' give you the freedom to easily upgrade to 'with feet' specification when required.
- Seated 'O' rings ensure simple leak free jointing every time.

From one basic cylindrical column concept, the Multisec rings a number of changes. This smart range of elegant and efficient radiators allows the architect or designer to provide highly versatile heating solutions without ever compromising on style. An asset anywhere. Multisec is a stylish contemporary radiator based on a traditional theme. Lighter than cast iron but with all its time honoured glamour, Multisec spans the gap between contemporary and classic, equally at home in either application.

Multisec is available in 5 depths from 2 to 6 columns and 12 heights it is fabricated from 25mm diameter tubes with a wall thickness of 1.2mm and 1.5mm headers.



Optional insertable feet - adds 120mm to radiator height

It is also available in a stunning chrome finish on the 600 high 3 column version.

Multisec radiators are made up of sections supplied as fully assembled blocks with the maximum factory built sizes shown on the following tables.

Further sections are supplied in blocks for assembly on site, (full instructions provided).

Available as a wall mounted version or with the optional insertable feet, the Multisec ensures maximum selection options to suit almost any application. All radiators have a maximum working pressure of 8 bar and carry a 5 year guarantee against manufacturing defect. Standard colour is warm white RAL 9010, with most other RAL colours from the MHS Colour range available on request.



chrome plated version

Single Section Output/Dimensions

2 column

Model	(a) Height (mm)	(b) Centres (mm)	Weight (Kg)	Water Content (Lit)	Δ 50° Watts EN442 75-65-20°C	Δ 60° Watts EN442 90-70-20°C	*Maximum Sections Factory Built
300	292	235	0.55	0.33	23.6	29.9	20
400	392	335	0.69	0.41	30.5	38.6	20
500	492	435	0.83	0.49	37.2	47.1	20
600	592	535	0.96	0.57	43.8	55.4	20
750	742	685	1.17	0.69	53.7	68.0	20
900	892	835	1.35	0.81	63.5	80.4	20
1000	992	935	1.49	0.88	70.1	88.8	20
1500	1492	1435	2.11	1.28	103.6	131.2	15
1800	1792	1735	2.51	1.51	124.4	157.6	15
2000	1992	1935	2.79	1.67	138.7	175.7	15
2200	2192	2135	3.10	1.82	153.0	193.8	15
2500	2492	2435	3.49	2.03	175.9	222.8	15

4 column

Model	(a) Height (mm)	(b) Centres (mm)	Weight (Kg)	Water Content (Lit)	Δ 50° Watts EN442 75-65-20°C	Δ 60° Watts EN442 90-70-20°C	*Maximum Sections Factory Built
300	292	235	1.09	0.66	43.6	55.2	20
400	392	335	1.37	0.82	55.8	70.6	20
500	492	435	1.65	0.98	68.0	86.1	20
600	592	535	1.93	1.14	80.3	101.7	20
660	657	600	2.09	1.24	88.2	111.7	20
750	742	685	2.31	1.38	98.6	124.9	20
900	892	835	2.67	1.62	116.9	148.1	20
1000	992	935	2.95	1.76	129.1	163.5	20
1500	1492	1435	4.35	2.56	184.1	233.2	15
1800	1792	1735	5.15	3.02	217.0	274.9	15
2000	1992	1935	5.71	3.34	237.6	301.0	15
2200	2192	2135	6.20	3.66	258.0	326.8	15
2500	2492	2435	7.11	4.13	288.9	366.0	15

3 column

Model	(a) Height (mm)	(b) Centres (mm)	Weight (Kg)	Water Content (Lit)	Δ 50° Watts EN442 75-65-20°C	Δ 60° Watts EN442 90-70-20°C	Maximum Sections Factory Built
300	292	235	0.77	0.50	33.0	41.8	20
400	392	335	0.99	0.62	42.8	54.2	20
500	492	435	1.20	0.74	52.3	66.2	20
600	592	535	1.42	0.86	61.6	78.0	20
750	742	685	1.72	1.03	75.4	95.5	20
900	892	835	2.03	1.20	88.9	112.6	20
1000	992	935	2.24	1.28	97.8	123.9	20
1500	1492	1435	3.30	1.88	141.7	179.5	15
1800	1792	1735	3.92	2.31	167.7	212.4	15
2000	1992	1935	4.35	2.55	185.0	234.3	15
2200	2192	2135	4.90	2.79	203.0	257.2	15
2500	2492	2435	5.40	3.14	228.3	289.2	15

5 column

Model	(a) Height (mm)	(b) Centres (mm)	Weight (Kg)	Water Content (Lit)	Δ 50° Watts EN442 75-65-20°C	Δ 60° Watts EN442 90-70-20°C	*Maximum Sections Factory Built
300	292	235	1.27	0.77	53.9	68.2	20
400	392	335	1.62	0.97	69.5	88.0	20
500	492	435	1.99	1.17	84.5	107.0	20
600	592	535	2.39	1.37	99.1	125.5	20
750	742	685	2.92	1.67	120.5	152.6	20
900	892	835	3.39	1.97	141.4	179.1	20
1000	992	935	3.47	2.16	155.0	196.3	20
1500	1492	1435	5.44	3.17	221.1	280.1	15
1800	1792	1735	6.54	3.69	259.4	328.6	15
2000	1992	1935	7.24	4.09	284.6	360.5	15
2200	2192	2135	7.99	4.49	310.0	392.7	15
2500	2492	2435	8.99	5.11	346.4	438.8	15

Chrome Plated

600	592	535	1.42	0.86	46.3	58.6	20
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6 column

Model	(a) Height (mm)	(b) Centres (mm)	Weight (Kg)	Water Content (Lit)	Δ 50° Watts EN442 75-65-20°C	Δ 60° Watts EN442 90-70-20°C	*Maximum Sections Factory Built
300	292	235	1.50	0.95	62.9	79.6	20
400	392	335	2.00	1.19	82.5	104.5	20
500	492	435	2.40	1.43	101.5	128.6	20
600	592	535	2.84	1.67	120.0	152.0	20
750	742	685	3.44	2.03	146.9	186.1	20
900	892	835	4.06	2.39	172.2	218.1	20
1000	992	935	4.48	2.63	189.8	240.4	20
1500	1492	1435	6.58	3.83	268.9	340.6	15
1800	1792	1735	7.84	4.45	312.7	396.1	15
2000	1992	1935	8.76	5.03	340.5	431.4	15
2200	2192	2135	9.70	6.05	370.8	469.8	15
2500	2492	2435	10.86	6.23	405.4	513.6	15

Multisec Bench Radiator

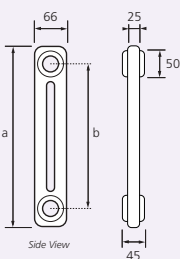
Model	Height (A) (mm)	Width (B) (mm)	Depth (C) (mm)	Weight (Kg)	Water Content (Lit)	Heat Output Watts EN442 75-65-20°C	Heat Output Watts EN442 90-70-20°C
Small	434	1300	250	26.8	16.35	1152	1459
Medium	388	1900	250	31.6	18.84	1454	1842
Large	434	2600	250	54.2	31.95	2400	3040

* Further lengths are available by joining further section blocks on site (make up tool required).

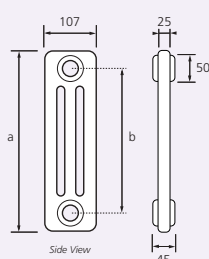
Heat unit conversion: watts x 3.412 = Btu/hr

All models: Maximum operating temperature 95°C. A manufacturing tolerance of ±1.5% should be allowed on all dimensions. (guideline information only). Connections: 3/8" or 1/2" bsp (1/2" supplied as standard). Bushes: 1" bsp

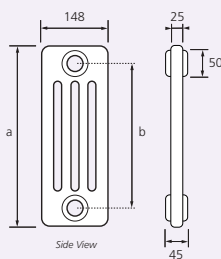
2 Column



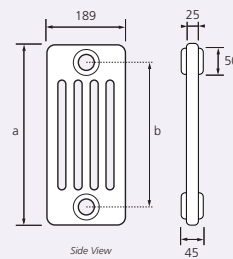
3 Column



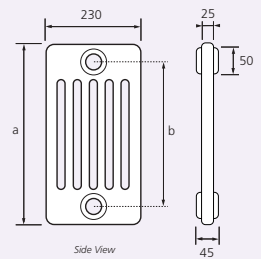
4 Column



5 Column



6 Column



Water Treatment

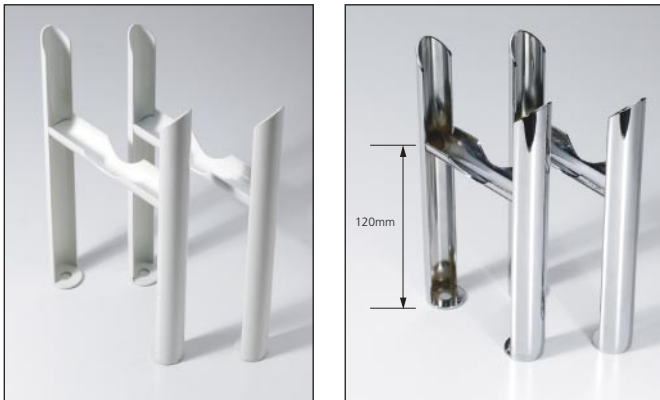
These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits.

On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good eminence water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828: 2003 and BS 7593: 1992

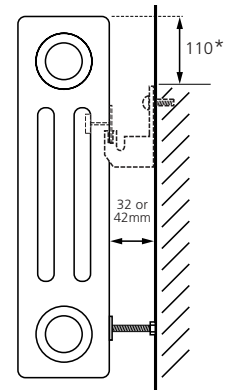
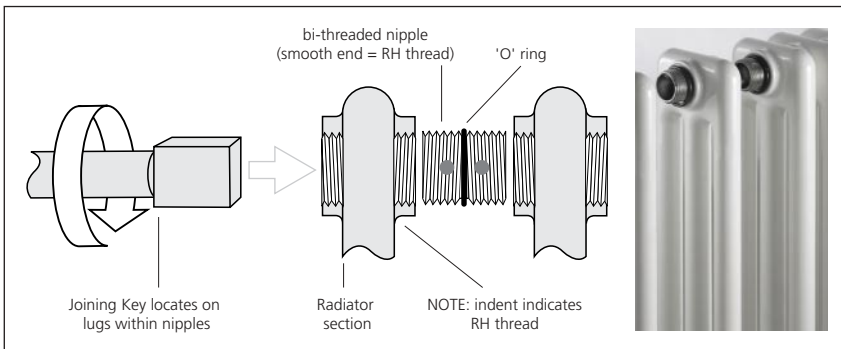
IMPORTANT: Failure to observe these requirements will render the guarantee on the product void.

Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

Optional Insertable Feet

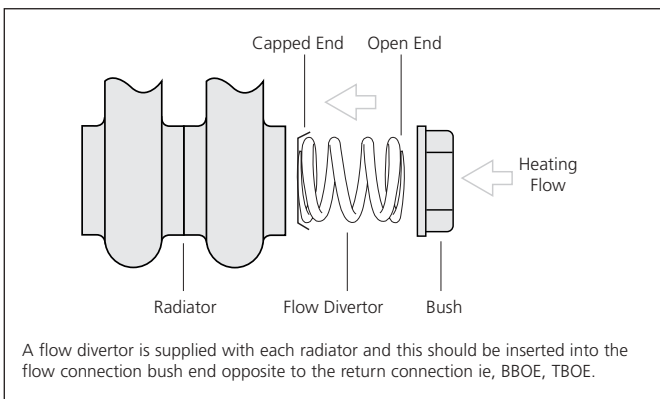


Optional insertable feet - adds 120mm to radiator height



*Recommended bracket fixing position

Fittings marked
D = RH Thread
S = LH Thread



A flow diverter is supplied with each radiator and this should be inserted into the flow connection bush end opposite to the return connection ie, BBOE, TBOE.



A member of the Modular Heating Group Plc

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Correction Factor Table

Δt	CF
60	1.267
59	1.240
58	1.213
57	1.186
56	1.159
55.5	1.145
55	1.132
54	1.105
53	1.079
52	1.052
51	1.026
50	1.000
45	0.872
40	0.748
35	0.629

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. This correction factor table assumes an averaged exponent of 1.30.

If a more accurate exponent/correction factor is required, please contact MHS Radiators.

Example: Output required @ 82-71-21°C Δt 55.5 the CF = 1.145, therefore multiply the listed output by the correction factor to give actual radiator output under these operating conditions.

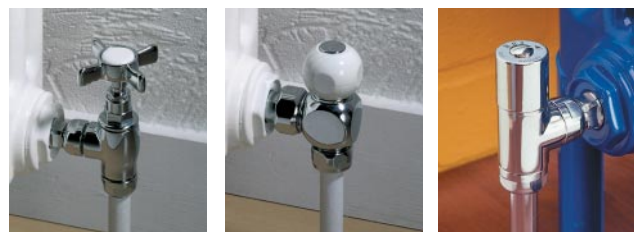
Bracketry

	Powder Coated Wall Mounts	Powder coated/chrome Insertable feet (pairs)	Chrome wall mounts
3 - 20 Sections	2	1	4
21 - 40 Sections	3	2	6
41 - 50 Sections	4	2	6



IMPORTANT: It is recommended (wherever possible) to also use wall bracketry in conjunction with the insertable foot option to ensure stability.

Designer Radiator Valves



Chrome Belgravia Valve

Chrome Gyro Valve

Chrome Radius Valve



Chrome Solar Valve

Chrome Solar TRV Valve

Minimum Valve