



Single Column Details - Per Section

Height	mm	350	400	500	600	700	800	900	1000	1200	1500	1600	1800	2000	2200
Weight	kg	0.73	0.80	0.95	1.10	1.25	1.39	1.54	1.69	1.99	2.43	2.58	2.88	3.17	3.47
Water Content	dm ³	0.21	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.54	0.66	0.70	0.77	0.85	0.93
Heat Output T=40 EN442 75/65/20°C Δt 50°C	Watts	24.5	27.4	33.4	39.1	44.4	50.3	55.8	61.5	71.6	86.9	92.1	102.4	113.7	125.0
Heat Output T=50 EN442 75/65/20°C Δt 50°C	Watts	26.0	28.9	35.2	41.3	47.1	53.2	58.9	64.8	75.8	92.1	97.5	108.2	120.1	131.9
Heat Output T=60 EN442 75/65/20°C Δt 50°C	Watts	27.5	30.5	37.0	43.4	49.8	56.0	62.0	68.0	80.0	97.2	102.8	113.9	126.4	138.9
Heat Output T=40 EN442 90/70/20°C Δt 60°C	Watts	31.0	34.7	42.3	49.5	56.2	63.7	70.7	77.9	90.7	110.1	116.7	129.7	144.0	158.3
Heat Output T=50 EN442 90/70/20°C Δt 60°C	Watts	32.9	36.6	44.6	52.3	59.7	67.4	74.6	82.1	96.0	116.7	123.5	137.0	152.1	167.1
Heat Output T=60 EN442 90/70/20°C Δt 60°C	Watts	34.8	38.6	46.9	55.0	63.1	70.9	78.5	86.1	101.3	123.1	130.2	144.3	160.1	175.9

Double Column Details - Per Section

Height	mm	350	400	500	600	700	800	900	1000	1200	1500	1600	1800	2000	2200
Weight	kg	1.25	1.40	1.70	2.00	2.29	2.59	2.88	3.18	3.77	4.66	4.96	5.55	6.14	6.74
Water Content	dm ³	0.35	0.38	0.46	0.54	0.62	0.70	0.77	0.85	1.01	1.24	1.32	1.47	1.63	1.78
Heat Output T=40 EN442 75/65/20°C Δt 50°C	Watts	41.2	46.5	57.2	67.4	77.2	88.1	98.0	108.5	127.3	155.6	165.4	185.3	207.1	229.1
Heat Output T=50 EN442 75/65/20°C Δt 50°C	Watts	43.2	48.4	59.6	70.5	81.2	92.5	103.0	113.8	133.9	162.9	172.5	191.8	213.2	234.7
Heat Output T=60 EN442 75/65/20°C Δt 50°C	Watts	45.1	50.4	61.9	73.5	85.2	96.9	108.0	119.1	140.3	170.0	179.4	197.9	218.8	239.5
Heat Output T=40 EN442 90/70/20°C Δt 60°C	Watts	52.2	58.9	72.5	85.4	97.8	111.6	124.1	137.4	161.8	197.1	209.5	234.7	262.3	290.2
Heat Output T=50 EN442 90/70/20°C Δt 60°C	Watts	54.7	61.3	75.5	89.3	102.8	117.2	130.5	144.1	169.6	206.3	218.5	243.0	270.1	297.3
Heat Output T=60 EN442 90/70/20°C Δt 60°C	Watts	57.1	63.7	78.4	93.1	107.9	122.7	136.8	150.9	177.7	215.39	227.2	250.7	277.2	303.4

Standard finish is RAL 9016 Traffic White.

To convert Watts to Btu's multiply output by 3.412. For other operating conditions refer to the table of correction factors.

Maximum Radiator Sizes

Height	Spacing (mm)	Max. Sections
300 - 1800mm	40	Single/Double Column - 75
"	50	Single/Double Column - 60
"	60	Single/Double Column - 50
1900 - 2200mm	40	Single/Double Column - 45
"	50	Single/Double Column - 36
"	60	Single/Double Column - 30

Minimum Length = 5 sections

To calculate the width of the radiator (excluding valves)

Total No. of sections minus 1, multiply by 'T' spacing then add 45mm.

Example: 40 sections rad@ T=50mm: $40 - 1 = 39 \times 50 + 45 = 1995\text{mm}$ Total Rad Length