

Tubular Steel Radiators

Tubular Steel Radiators.
Efficient heat emitters finished in attractive powder coated colours.

An unusually large number of sizes to select from, providing a model to meet almost every requirement.



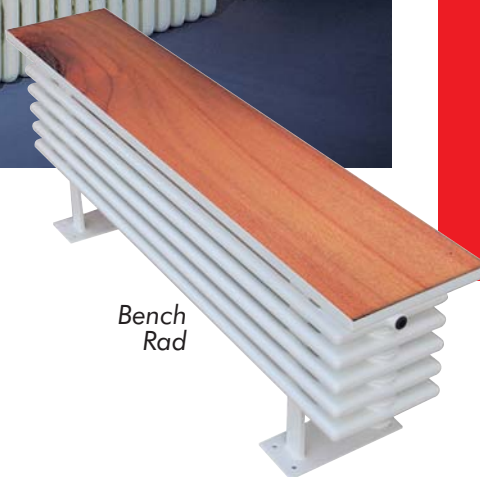
Optional Foot



RadLine



TubaRad



Bench Rad

AEL

HEATING SOLUTIONS

AEL TubaRad & RadLine

Tubular Steel Radiators



RadLine



Bench Rad

AEL TubaRad & RadLine

central heating radiators are pre-assembled from individual sectional columns.

Each section delivers a specific amount of heat depending on how high and deep it is.

Once the number of sections and output is decided the radiator chosen is created by connecting the sections together, with the remarkable selection of sizes to choose from tailor made radiators can be supplied to suit almost any requirement.

BenchRad

Apart from it's normal function as a heater the AEL BenchRad can fit into restricted spaces under windows, low dividing walls or as a bench to divide a room.

The AEL BenchRad comes in five heights and varies in length from 1200mm to 3000mm, it also has optional positions to suit your water flow and return connections.

Construction

The sections are factory-welded together. The maximum recommended length is 4140mm - 90 columns.

Available for wall mounting or with optional Integral foot as shown on the front cover.

Optional Integral Feet

The optional Integral foot will add a further 95mm to the stated height of the radiator columns shown on the right.

Colour Finishes

Radiators are normally supplied in a top quality white polyester powder coating to RAL specs: 9010, Sixteen other colours are available so that, for example, subtle shades can blend discretely within older style properties, or cheerful, bright colours can be used to liven modern interiors. See colour guide on the back cover. The possibilities are almost unlimited. For complete specification and detailed technical information refer to the charts opposite.

TubaRad & RadLine



TubaRad



RadLine



TubaRad



TubaRad

| Model No./Cols. | Height mm | Depth mm | Width mm | Tapping Centres mm | Water Litres | Output Watts | Output BtU/h |
|--|-----------|----------|----------|--------------------|--------------|--------------|--------------|
| TubaRad tubular steel radiators - Specification per Section | | | | | | | |
| TB220/2 | 220 | 63 | 46 | 150 | 0.30 | 22 | 75 |
| TB300/2 | 300 | 63 | 46 | 230 | 0.37 | 30 | 102 |
| TB400/2 | 400 | 63 | 46 | 330 | 0.44 | 41 | 140 |
| TB500/2 | 500 | 63 | 46 | 430 | 0.52 | 50 | 171 |
| TB600/2 | 600 | 63 | 46 | 530 | 0.60 | 61 | 208 |
| TB750/2 | 750 | 63 | 46 | 680 | 0.71 | 76 | 259 |
| TB900/2 | 900 | 63 | 46 | 830 | 0.83 | 90 | 307 |
| TB1000/2 | 1000 | 63 | 46 | 930 | 0.90 | 92 | 314 |
| TB1500/2 | 1500 | 63 | 46 | 1430 | 1.28 | 149 | 508 |
| TB2000/2 | 2000 | 63 | 46 | 1930 | 1.66 | 198 | 676 |
| TB2500/2 | 2500 | 63 | 46 | 2430 | 2.04 | 244 | 837 |

| | | | | | | | | |
|------------------------------------|-----------------|------|-----|----|------|------|-----|------|
| Test pressure 140lb psi | TB220/3 | 220 | 101 | 46 | 150 | 0.40 | 31 | 106 |
| | TB300/3 | 300 | 101 | 46 | 230 | 0.52 | 43 | 147 |
| | TB400/3 | 400 | 101 | 46 | 330 | 0.64 | 57 | 194 |
| | TB500/3 | 500 | 101 | 46 | 430 | 0.75 | 71 | 242 |
| | TB600/3 | 600 | 101 | 46 | 530 | 0.86 | 85 | 280 |
| | TB750/3 | 750 | 101 | 46 | 680 | 1.03 | 106 | 362 |
| | TB900/3 | 900 | 101 | 46 | 830 | 1.20 | 127 | 438 |
| | TB1000/3 | 1000 | 101 | 46 | 930 | 1.32 | 136 | 464 |
| | TB1500/3 | 1500 | 101 | 46 | 1430 | 1.89 | 201 | 686 |
| | TB2000/3 | 2000 | 101 | 46 | 1930 | 2.46 | 266 | 908 |
| | TB2500/3 | 2500 | 101 | 46 | 2430 | 3.03 | 332 | 1133 |

| | | | | | | | | |
|------------------------------------|-----------------|------|-----|----|------|------|-----|------|
| Test pressure 140lb psi | TB220/4 | 220 | 139 | 46 | 150 | 0.55 | 40 | 136 |
| | TB300/4 | 300 | 139 | 46 | 230 | 0.68 | 56 | 193 |
| | TB400/4 | 400 | 139 | 46 | 330 | 0.83 | 74 | 252 |
| | TB500/4 | 500 | 139 | 46 | 430 | 0.98 | 91 | 310 |
| | TB600/4 | 600 | 139 | 46 | 530 | 1.13 | 109 | 372 |
| | TB750/4 | 750 | 139 | 46 | 680 | 1.36 | 135 | 461 |
| | TB900/4 | 900 | 139 | 46 | 830 | 1.59 | 162 | 553 |
| | TB1000/4 | 1000 | 139 | 46 | 930 | 1.74 | 172 | 587 |
| | TB1500/4 | 1500 | 139 | 46 | 1430 | 2.50 | 254 | 867 |
| | TB2000/4 | 2000 | 139 | 46 | 1930 | 3.25 | 334 | 1140 |
| | TB2500/4 | 2500 | 139 | 46 | 2430 | 4.02 | 415 | 1416 |

| | | | | | | | | |
|------------------------------------|-----------------|------|-----|----|------|------|-----|------|
| Test pressure 140lb psi | TB220/5 | 220 | 177 | 46 | 150 | 0.62 | 47 | 160 |
| | TB300/5 | 300 | 177 | 46 | 230 | 0.84 | 61 | 208 |
| | TB400/5 | 400 | 177 | 46 | 330 | 1.03 | 80 | 273 |
| | TB500/5 | 500 | 177 | 46 | 430 | 1.22 | 100 | 341 |
| | TB600/5 | 600 | 177 | 46 | 530 | 1.41 | 120 | 409 |
| | TB750/5 | 750 | 177 | 46 | 680 | 1.69 | 149 | 509 |
| | TB900/5 | 900 | 177 | 46 | 830 | 1.98 | 178 | 607 |
| | TB1000/5 | 1000 | 177 | 46 | 930 | 2.17 | 210 | 713 |
| | TB1500/5 | 1500 | 177 | 46 | 1430 | 3.12 | 302 | 1030 |
| | TB2000/5 | 2000 | 177 | 46 | 1930 | 4.07 | 396 | 1351 |
| | TB2500/5 | 2500 | 177 | 46 | 2430 | 5.02 | 488 | 1665 |

| | | | | | | | | |
|------------------------------------|-----------------|------|-----|----|------|------|-----|------|
| Test pressure 140lb psi | TB220/6 | 220 | 215 | 46 | 150 | 0.81 | 55 | 188 |
| | TB300/6 | 300 | 215 | 46 | 230 | 1.05 | 79 | 270 |
| | TB400/6 | 400 | 215 | 46 | 330 | 1.27 | 104 | 355 |
| | TB500/6 | 500 | 215 | 46 | 430 | 1.50 | 129 | 440 |
| | TB600/6 | 600 | 215 | 46 | 530 | 1.76 | 154 | 525 |
| | TB750/6 | 750 | 215 | 46 | 680 | 2.05 | 192 | 655 |
| | TB900/6 | 900 | 215 | 46 | 830 | 2.45 | 230 | 785 |
| | TB1000/6 | 1000 | 215 | 46 | 930 | 2.65 | 254 | 867 |
| | TB1500/6 | 1500 | 215 | 46 | 1430 | 3.90 | 358 | 1222 |
| | TB2000/6 | 2000 | 215 | 46 | 1930 | 4.00 | 473 | 1614 |
| | TB2500/6 | 2500 | 215 | 46 | 2430 | 6.10 | 579 | 1976 |

| Radline tubular steel radiators - Specification per Section | | | | | | | |
|--|-----------|-----------|-------|--------------|---------|-------|-------|
| Model No | Height mm | Weight Kg | Width | Tapping Ctr. | Content | Watts | BtU/h |
| BRL400/1 | 400 | 0.38 | 40 | 385 | 0.20 | 26 | 89 |
| BRL500/1 | 500 | 0.47 | 40 | 455 | 0.24 | 32 | 109 |
| BRL600/1 | 600 | 0.63 | 40 | 635 | 0.30 | 43 | 147 |
| BRL900/1 | 900 | 0.82 | 40 | 855 | 0.40 | 57 | 194 |
| BRL1500/1 | 1500 | 1.34 | 40 | 1455 | 0.64 | 91 | 310 |
| BRL2000/1 | 2000 | 1.78 | 40 | 1955 | 0.84 | 117 | 399 |
| BRL2500/1 | 2500 | 2.22 | 40 | 2455 | 1.04 | 143 | 488 |

Note: All RadLine models are 30mm deep and the total width of each radiator is 40mm x No of sections + 15mm

Radiator Colours

Standard stock radiators are finished in a white polyester-powder coating, for alternative colours please add 15% to the listed prices. Polyester-powder coatings are available in the colours shown below.

These swatches are a close guide only and should not be relied upon as colours may vary in the printing process.



Pergamon **RAL 9001**



Ivory **RAL 1013**



Beige **RAL 1015**



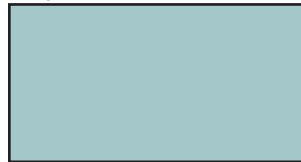
Grey **RAL 7035**



Pale green **RAL 6021**



Green **RAL 6010**



Aqua **RAL 6027**



Sky blue **RAL 5015**



Blue **RAL 5024**



Dark blue **RAL 5009**



Dark Grey **RAL 7004**



Black **RAL 9005**



Red **RAL 3000**



Dark Red **RAL 3003**



Brown **RAL 8017**



Yellow **RAL 1004**

Correction Factors for TubaRad and RadLine Radiators

The output tables shown are calculated at 60° C Δ^T

| $\Delta^T=CF$ | $\Delta^T=CF$ | $\Delta^T=CF$ | $\Delta^T=CF$ | $\Delta^T=CF$ | $\Delta^T=CF$ | $\Delta^T=CF$ |
|---------------|---------------|--|--|---------------|---------------|---------------|
| 30=0.41 | 41=0.59 | | | 70=1.22 | 80=1.47 | 90=1.71 |
| 31=0.42 | 41=0.60 | EN442 50=0.79 <small>51=0.81</small> | 60=1.00 <small>61=1.02</small> | 71=1.25 | 81=1.49 | 91=1.74 |
| 32=0.43 | 42=0.62 | 52=0.83 | 62=1.04 | 72=1.27 | 82=1.51 | 92=1.77 |
| 33=0.45 | 43=0.64 | 53=0.58 | 63=1.07 | 73=1.30 | 83=1.54 | 93=1.79 |
| 34=0.47 | 44=0.66 | 54=0.87 | 64=1.09 | 74=1.32 | 84=1.56 | 94=1.82 |
| 35=0.49 | 45=0.68 | 55=0.89 | 65=1.11 | 75=1.35 | 85=1.59 | 95=1.84 |
| 36=0.51 | 46=0.70 | 56=0.91 | 66=1.13 | 76=1.37 | 86=1.61 | 96=1.87 |
| 37=0.53 | 47=0.72 | 57=0.93 | 67=1.16 | 77=1.39 | 87=1.64 | 97=1.89 |
| 38=0.55 | 48=0.74 | 58=0.96 | 68=1.18 | 78=1.42 | 88=1.66 | 98=1.92 |
| 39=0.56 | 49=0.76 | 59=0.98 | 69=1.20 | 79=1.44 | 89=1.69 | 99=1.95 |

All dimensional drawings of radiators and valves for pre installing pipework can be viewed on our website www.aelheating.com

AEL
HEATING SOLUTIONS

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