

AEL Opera

Die Cast aluminium radiators.

Modern styling - efficient high output
central heating radiators for domestic
and commercial installations



Opera

Aluminium Radiators

AEL aluminium central heating radiators are sophisticated heat emitters designed to compliment today's modern designer interiors. There are 6 heights available, and they are all suitable for commercial or industrial installations.

Finished in an immaculate and durable White polyester-powder coating, which will harmonise with almost any interior decor or design, they provide unobtrusive heating with elegance, efficiency, and practicality.

Heat outputs are high, and water content is low, resulting in almost instantaneous response to room thermostats with very rapid heat-up and cooling down periods, providing cost effective energy conservation and lower fuel bills.

The individual sections can be added or removed after installation should necessity dictate, and every assembly comes complete with all essential fittings, including plugs, air vents, wall brackets etc. Foot mounting brackets are also available, as are guards to meet NHS low surface temperature requirements, both as optional extras.

AEL aluminium radiators come with a 5 year guarantee against corrosion provided the water in the system is not of a corrosive nature. They are not suitable for use in direct systems.

AEL Opera radiators are a practical and proven product with a reputation for efficiency and elegance. There are six models in the range and on average, an AEL-Opera will need only half the wall space of a conventional radiator to produce the same amount of heat. Opera radiators arrive assembled up to 14 sections in length. Longer radiators will require joining on site.

Choose from our NEW control valves brochure for that finishing designer touch.







Opera Technical Data per Section. Pressure Tested to 130psi. Outputs stated are to 60°C Ø

| Model Number | | RO380 | RO480 | RO580 | RO680 | RO780 | RO880 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|
| Output | Watts | 103 | 135 | 163 | 187 | 209 | 233 |
| | Btu/h | 351 | 460 | 556 | 638 | 713 | 795 |
| Height | mm | 380 | 480 | 580 | 680 | 780 | 880 |
| | ins | 15.00 | 18.94 | 22.87 | 26.81 | 30.75 | 34.69 |
| Depth | mm | 90 | 90 | 90 | 90 | 90 | 90 |
| | ins | 3.54 | 3.54 | 3.54 | 3.54 | 3.54 | 3.54 |
| Width | mm | 80 | 80 | 80 | 80 | 80 | 80 |
| | ins | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 |
| Tapping Centres | mm | 300 | 400 | 500 | 600 | 700 | 800 |
| | ins | 11.81 | 15.75 | 19.69 | 23.62 | 27.56 | 31.50 |
| Weight | kg | 0.98 | 1.28 | 1.38 | 1.68 | 1.88 | 2.01 |
| | lbs | 2.16 | 2.82 | 3.04 | 3.70 | 4.15 | 4.43 |
| Water Content | ltrs | 0.3 | 0.37 | 0.4 | 0.47 | 0.5 | 0.51 |
| | galls | 0.17 | 0.21 | 0.23 | 0.27 | 0.28 | 0.29 |

Correction Factors The output tables shown are calculated at 60°C Ø. Mean water temperature minus Designed Air Temperature = Ø.

| Ø = CF | Ø = CF | Ø = CF | Ø = CF | Ø = CF | Ø = CF | Ø = CF |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 30 = 0.39 | 40 = 0.58 | 50 = 0.78 | 60 = 1.00 | 70 = 1.22 | 80 = 1.47 | 90 = 1.71 |
| 31 = 0.42 | 41 = 0.60 | 51 = 0.81 | 61 = 1.02 | 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 = 0.85 | 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 |

EN442 All dimentional 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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AEL reserve the right to alter designs and specifications without prior notice



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