

VIADRUS

Power of heating

Kalor, Kalor 3, Termo

Cast-iron radiators

Kalor radiators are the most classic common type of cast-iron radiators. It is very easy to use them for replacement or add-on in case of heating system reconstruction. The size, connection spacing, shape - all is the same as the years before. It works both in natural and forced circulation heating systems - depending on pipe sizing and thermostatic valve use. Kalor 3 is nearly the same but with front panel. Termo radiators looks a little bit more "lightweight" and uses less water inside, shape is similar to Kalor 3. Standard production is in ten-pieces blocks with white color water-based paint. It is possible to deliver blocks in size and color as per customer`s request. All of these models are compatible with integrated thermostatic valve (ITV) with bottom water connection. Special "industrial" look can be reached using clear coating on untouched or sand-blasted cast-iron surface.

Advantages:

- virtually unlimited service life
- easy to clean and hygienic operation (Kalor)
- bottom connection and integrated valve compatible
- classic design
- standard 10-section blocks and factory-assembled blocks with 20-year warranty
- optional final coating in RAL colors
- possibility of additional output change
- variable heating output

Heat carrier:

- water, steam, antifreezer

Output (depends on type and size):

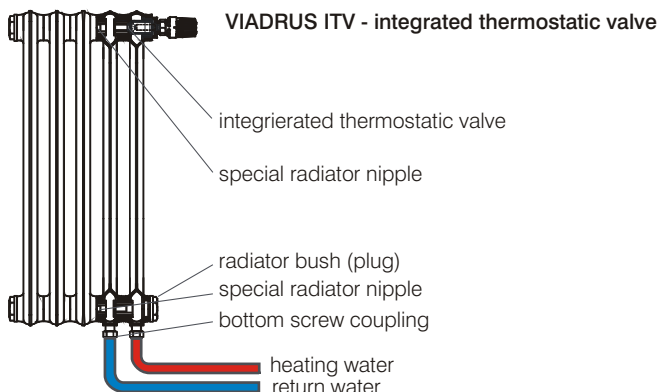
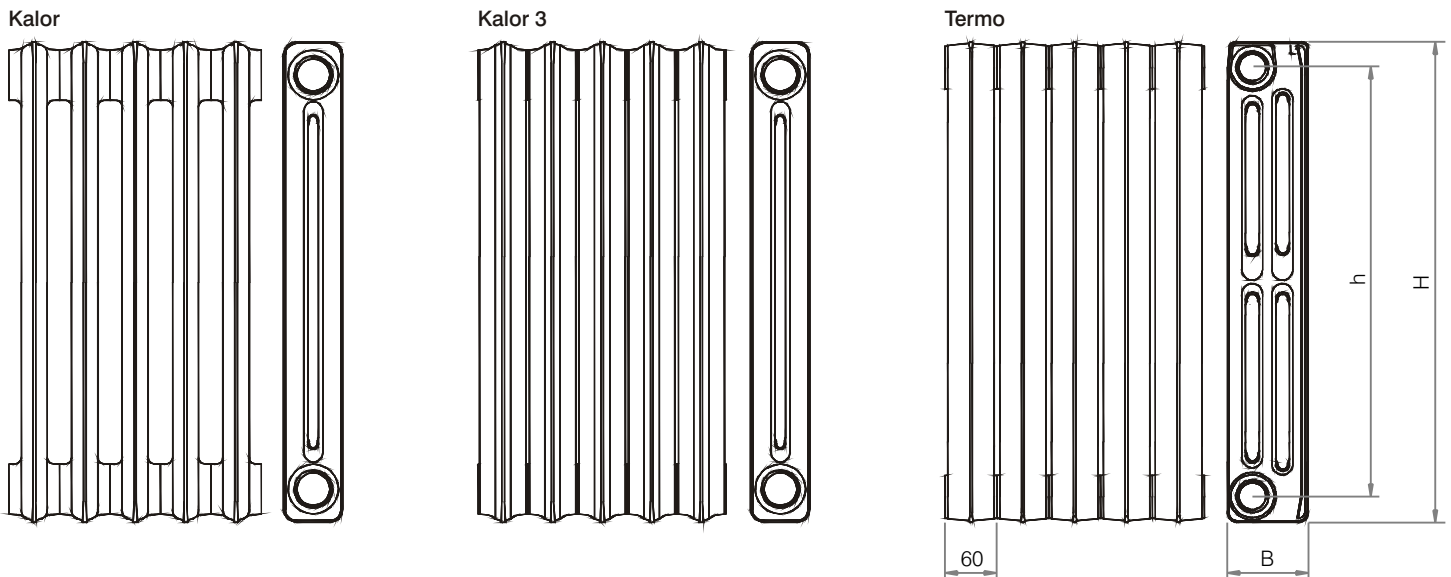
- 53,8~149,7 W/section



Technical parameters

| Radiator type and identification | Nipple spacing h [mm] | Total depth B [mm] | Total height H [mm] | Nipple thread [-] | Dry weight [kg/section] | Heating output $\Delta t=75/65/20^{\circ}\text{C}$ [W/section] | Heating surface [m ² /section] | Water volume [l/section] |
|----------------------------------|-----------------------|--------------------|---------------------|-------------------|-------------------------|--|---|--------------------------|
| Kalor 350/160 | 350 | 160 | 430 | 5/4" | 4,30 | 70,3 | 0,185 | 0,8 |
| 500/70 | 500 | 70 | 580 | 5/4" | 3,20 | 53,8 | 0,120 | 0,5 |
| 500/110 | 500 | 110 | 580 | 5/4" | 4,00 | 70,3 | 0,180 | 0,8 |
| 500/160 | 500 | 160 | 580 | 5/4" | 5,60 | 91,7 | 0,255 | 1,1 |
| 500/220 | 500 | 220 | 580 | 5/4" | 6,95 | 119,7 | 0,345 | 1,3 |
| 600/160 | 600 | 160 | 680 | 5/4" | 6,60 | 109,8 | 0,306 | 1,2 |
| 900/70 | 900 | 70 | 980 | 5/4" | 5,20 | 82,9 | 0,205 | 0,8 |
| 900/160 | 900 | 160 | 980 | 5/4" | 10,60 | 149,7 | 0,440 | 1,5 |
| Kalor 3 350/160 | 350 | 160 | 430 | 5/4" | 4,90 | 82,9 | 0,208 | 0,8 |
| 500/70 | 500 | 70 | 580 | 5/4" | 3,70 | 60,8 | 0,163 | 0,5 |
| 500/110 | 500 | 110 | 580 | 5/4" | 4,70 | 78,3 | 0,215 | 0,8 |
| 500/160 | 500 | 160 | 580 | 5/4" | 6,20 | 102,2 | 0,290 | 1,1 |
| 900/70 | 900 | 70 | 980 | 5/4" | 6,10 | 95,8 | 0,240 | 0,8 |
| Termo 500/95 | 500 | 95 | 560 | 1" | 4,35 | 73,4 | 0,192 | 0,6 |
| 500/130 | 500 | 130 | 560 | 1" | 5,36 | 91,0 | 0,254 | 0,8 |
| 623/95 | 623 | 95 | 683 | 1" | 5,08 | 88,7 | 0,230 | 0,8 |
| 623/130 | 623 | 130 | 683 | 1" | 6,46 | 108,8 | 0,303 | 1,0 |
| 813/95 | 813 | 95 | 873 | 1" | 6,70 | 109,3 | 0,310 | 1,0 |
| 813/130 | 813 | 130 | 873 | 1" | 8,80 | 136,1 | 0,380 | 1,3 |

Thermal and technical parameters are verified experimentally in compliance with EN 442-1 amendment A1 for water as heat carrier.



This is only an illustrative and informative matter.