

Royal

Quick turn: ~~from 9 to 7 cm.~~

THE SAME HEAT WITH LESS DEPTH.

We've achieved a new goal, thanks to the fortunate blending of Decoral's research and experience: optimising space through the use of elements with only minimal thickness.

Royal radiator thus go from 9 to 7 centimetres in depth, two centimetres less than the depth usually found on standard models so that several considerable advantages might be offered. First and foremost, the advantage of aesthetics: thanks to its minimal thickness, the radiator fits into any setting with greater discretion, blending perfectly into the wall. The design that plays an absolutely key part in the effect thanks to an innovative plan consisting of rigorous, calibrated lines. So the end result is harmony and minimalism, for a house that displays not only comfort, but also aesthetic details. In addition to the qualities of the design, there is an additional determining factor: the lightness of the elements. Lightness that is both visual and structural for a new home idea that has more to do with the requirements of household comfort and a heightened sense of aesthetic value.

The painting process, carried out in several steps (electrophoresis, epoxy-powders, baking to stabilise the treatment), keeps its beauty and properties intact. Competitive from every perspective, **Royal** radiator has smooth interior surfaces to avoid pointless, costly wastage (the heat is thus transmitted evenly, allowing for real heat savings) and make cleaning easier and more practical.

And for increased consumer-protection safety: the structure and painting of all Decoral radiators are guaranteed to last 10 years.



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THE FUTURE WE ARE IN



Decoral trades radiators produced in quality certified companies.



ISO 9001:2000



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A hymn to lightness



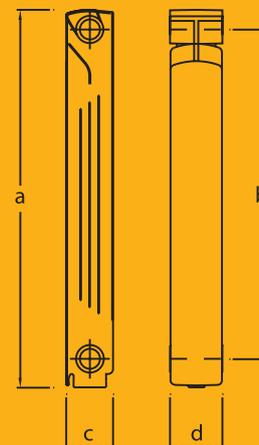
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Technical specifications

MODELS	Height	Centres	Depth	Width	Water	Unloaded	Δt (50°C)	Δt (50°C)	Exponent	Coefficient
	a	b	c	d	capacity	Weight	EN 442	EN 442		
	mm	mm	mm	mm	litri/elem.	kg/elem.	Kcal/elem.	W/elem.	n.	K_m
ROYAL 35	424	350	90	80	0,25	0,99	69	81	1,2853	0,5272
ROYAL 50	573	500	71	80	0,3	1,16	89	104	1,3138	0,6084
ROYAL 60	673	600	71	80	0,34	1,39	102	119	1,3184	0,6823
ROYAL 70	773	700	71	80	0,36	1,61	115	133	1,3410	0,7018
ROYAL 80	872	800	71	80	0,44	1,75	126	147	1,3404	0,7739

Thermal power for element



Characteristic Equation: $\Phi = K_m \Delta T^n$. Thermal power values measured at the Milan Polytechnic in accordance with the EN 442 norm. In order for the radiator to function correctly, it is recommended that you use an automatic valve with an air vent and that you never isolate the battery from the installation by closing its valves. Also remember that the guarantee is valid as long as the installations working pressure does not exceed 20 bar. Maximum working temperature: 120°. Hub Ø: 1"