

BATHROOM HEATING ELEMENT TYPE KDO



Material

Vertical profile: D PROFIL 35x41

Horizontal profiles: Deflected tube \varnothing 20

This type is standardly in store at all our dealers.



Characteristic data

Hydraulic resistance value

- Connectors: DN 15 (1/2)
- Resistance coefficient: 2,5

Latest News

04. 02. 2009

The new www.thermal-trend.cz websites activated. Extended information about our goods, rich photogallery and many others can be found there.

Technical data

Standard height H [mm]	720, 960, 1320, 1680, 1840	
Standard length L [mm]	450, 600, 750	
Standard building depth B	90 - 120 mm	
Connecting threads	G 1/2" internal	
Maximum working temperature	110°C	
Maximum working overpressure	1,0 MPa	
Experimental overpressure	1,5 MPa	
Output of heat according to EN 442		

Output of heat Q [W] for the water heat carrier according to DIN EN 442

Type marking	Height H [mm]	Lenght L [mm]	Pitch of screws [mm]	t ₁ /t ₂ [°C]	Q[W] for t _j [°C]			Temperature index n [-]	Water content n [l]	Recommended input of the electricity [W]
					20	22	24			
KDO 450 / 720	720	450	408	90/70	450	432	414	1,2347	3,6	200
				75/65	360	342	324			
				55/45	191	176	160			
KDO 600 / 720	720	600	558	90/70	604	579	554	1,2507	4,35	300
				75/65	481	457	433			
				55/45	254	233	212			
KDO 750 / 720	720	750	708	90/70	759	727	695	1,2666	5,1	300
				75/65	602	572	542			
				55/45	315	289	263			
KDO 450 / 960	960	450	408	90/70	562	538	515	1,2564	4,53	300
				75/65	447	424	402			
				55/45	235	216	196			
KDO 600 / 960	960	600	558	90/70	752	720	689	1,2607	5,51	300
				75/65	597	567	538			
				55/45	314	288	262			
KDO 750 / 960	960	750	708	90/70	943	903	864	1,2651	6,49	400
				75/65	749	711	674			
				55/45	392	359	327			
KDO 450 / 1320	1320	450	408	90/70	752	720	688	1,2908	6	400

				75/65	594	564	534			
				55/45	307	281	255			
KDO 600 / 1320	1320	600	558	90/70	1003	960	918	1,2767	7,35	500
				75/65	795	754	714			
				55/45	414	379	345			
KDO 750 / 1320	1320	750	708	90/70	1253	1201	1149	1,2626	8,7	600
				75/65	996	946	896			
				55/45	522	479	436			
KDO 450 / 1680	1680	450	408	90/70	956	915	875	1,2781	7,6	500
				75/65	757	719	681			
				55/45	394	361	328			
KDO 600 / 1680	1680	600	558	90/70	1277	1223	1170	1,273	9,3	600
				75/65	1013	961	911			
				55/45	528	484	440			
KDO 750 / 1680	1680	750	708	90/70	1599	1531	1465	1,2678	11	700
				75/65	1269	1205	1141			
				55/45	664	608	554			
KDO 450 / 1840	1840	450	408	90/70	1090	1042	996	1,3063	8,7	500
				75/65	859	814	770			
				55/45	441	403	365			
KDO 600 / 1840	1840	600	558	90/70	1452	1390	1329	1,2853	10,7	700
				75/65	1148	1090	1032			
				55/45	596	545	496			
KDO 750 / 1840	1840	750	708	90/70	1812	1736	1661	1,2643	12,7	900
				75/65	1439	1367	1295			
				55/45	754	691	630			

Coefficients of the heater power translation for the heating elements connection to the heating system

Single-sided connection: see the table $f_x = 1,0$

Diagonal connection: $f_x = 1,011$

Top-down connection: $f_x = 0,959$

Lower central connection SP (50 mm): $f_x = 0,892$

BATHROOM RADIATOR ON THE WALL ASSEMBLING

Standardly produced electric radiators of the type KDO

KDO - E 450 / 960	300 W
KDO - E 600 / 960	400 W
KDO - E 750 / 960	500 W
KDO - E 450 / 1320	400 W
KDO - E 600 / 1320	600 W
KDO - E 750 / 1320	600 W
KDO - E 450 / 1680	500 W
KDO - E 600 / 1680	700 W
KDO - E 750 / 1680	900 W
KDO - E 450 / 1840	600 W
KDO - E 600 / 1840	800 W
KDO - E 750 / 1840	1000 W

Radiators are fixed with steel heating rods, heating limiter set for 85°C (maximum element medium temperature) and a fuse. Radiators are filled with special liquid with freezing point -5°C.

Electric cover: IP65 (according to the wish of customers also other combinations are possible)

ELECTRIC RADIATORS

RADIATORS FOR COMBINED HEATING

Ways of ordering

KDO 450 / 960

Classical radiator designed for central heating systems including deaeration and set of plastic consoles for fixing to the wall in the colour RAL9003 (white)

KDO 450 / 960 - RAL 3003

Classical radiator designed for central heating systems including deaeration and set for fixing (metal holders) in colour RAL3003

KDO - E 450 / 960 - 300 W

Electric radiator with the heating rod without the room thermostat

KDO 450 / 960 - SP

Radiator set up for connection with the compact valve - the terminal distance 50 mm

COLOUR VARIANTS**Verified quality**

**Guarantee**



You can trust the Thermal Trend goods. We provide the 5 years guarantee for our goods.

Price list

Download the **current price list** of our goods valid for 2010. The bathroom heating elements price list available for download [here](#).

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