

KORALUX NEO

side-open towel rail radiator



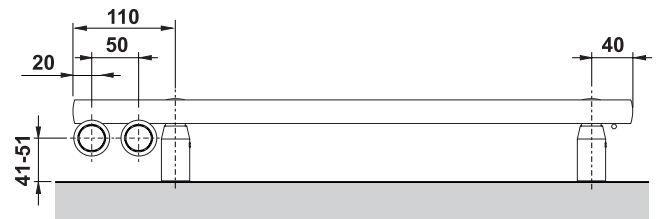
KORALUX NEO



Technical Data

Height H	1095, 1415, 1695 mm
Length L	496, 596 mm
Depth B	60 mm
Connecting pitch h	50 mm
Connecting thread	4x G 1/2 inside
Highest allowed working pressure	10 bar
Test pressure	13 bar
Highest allowed working temperature	110 °C
Flow coefficient A_T	$5,5 \times 10^{-5}$
Coefficient of resistance ξ_T	26,7

Fitting

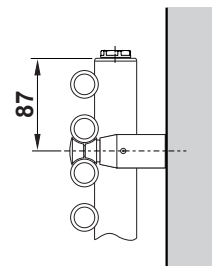
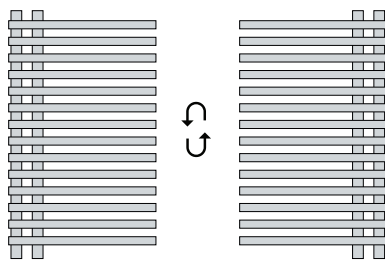


The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.

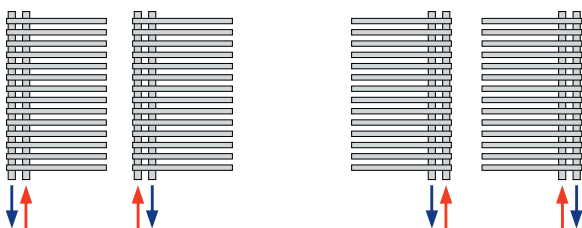
Design

KORALUX NEO (KLN) is a side-open towel rail radiator with bottom right or bottom left connection with a connecting pitch of 50 mm.

Steel tubes \varnothing 25 mm
Steel profile \varnothing 38 mm



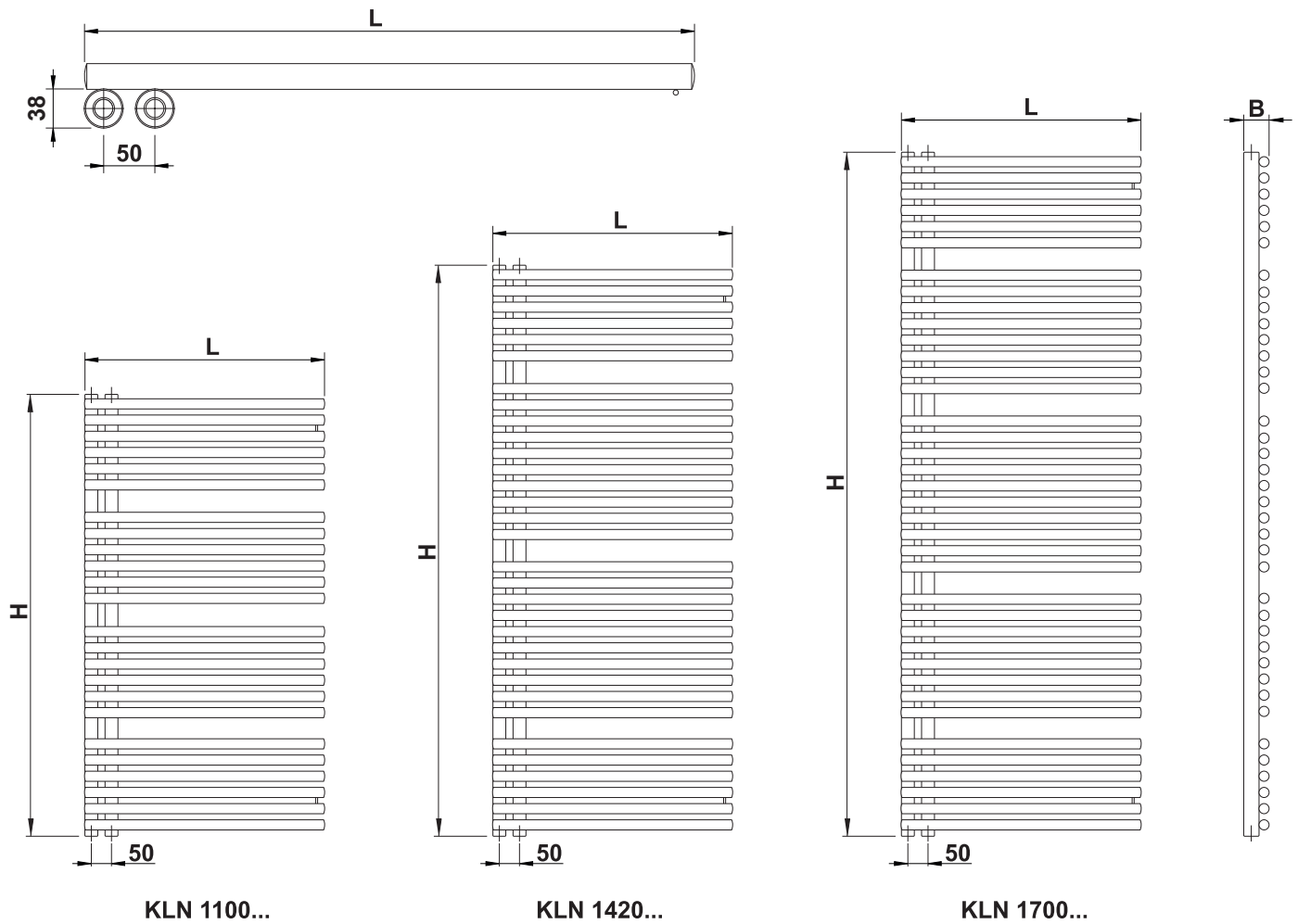
Type of Connection



bottom connection

The company reserves the right to make technical changes.

KORALUX NEO



HEAT OUTPUT Q [W] FOR WATER

AS A HEAT-CARRYING AGENT CERTIFIED TO EN 442

BASIC TECHNICAL PARAMETERS

Model number	H [mm]	L [mm]	h [mm]	t _i /t ₂ [°C]	Q [W] for t _i [°C]					Nominal heat output Q _M [W] (75/65/20°C)	Temperature exponent n [-]	Thermal constant K _M [-]	Radiator weight M _r [kg]	Water volume V _r [l]
					15	18	20	22	24					
KLN 1100.500	1095	496	50	75/65	591	548	520	493	466	520	1,3258	2,9101	12,5	6,8
				70/55	486	446	420	394	368					
				55/45	324	288	264	241	219					
KLN 1100.600	1095	596	50	75/65	672	624	593	561	531	593	1,3258	3,3138	14,2	7,6
				70/55	554	508	478	448	419					
				55/45	369	328	301	275	249					
KLN 1420.500	1415	496	50	75/65	760	706	670	634	599	670	1,3313	3,6647	16,3	9,0
				70/55	625	573	539	506	473					
				55/45	417	370	339	309	280					
KLN 1420.600	1415	596	50	75/65	866	803	763	722	682	763	1,3313	4,1730	18,5	10,3
				70/55	712	653	614	576	538					
				55/45	474	421	386	352	319					
KLN 1700.500	1695	496	50	75/65	912	846	803	760	718	803	1,3361	4,3107	20,1	10,7
				70/55	750	687	646	606	566					
				55/45	498	442	406	370	335					
KLN 1700.600	1695	596	50	75/65	1038	963	914	866	818	914	1,3361	4,9086	22,3	12,2
				70/55	854	782	736	690	645					
				55/45	568	504	462	421	382					

Characteristic equations: $\phi = K_M \cdot \Delta T^n \left[\frac{W}{m} \right]$, $\Delta T = \frac{t_1 + t_2}{2} - t_r [K]$

t₁ - temperature water-in, t₂ - temperature water-out, t_r - relative air temperature

The company reserves the right to make technical changes.



INFORMATION FOR ORDERING

Table for creation of the product code

KLN - HHHLLL - 00 - XY



HM FITTING

For connection to the heating system, it is possible to use an integrated HM fitting, supplied with a thermostatic head.



Model number	H [mm]	L [mm]	Order code
KLN 1100.500	1095	496	KLN-110050-00-XY
KLN 1100.600	1095	596	KLN-110060-00-XY
KLN 1420.500	1415	496	KLN-142050-00-XY
KLN 1420.600	1415	596	KLN-142060-00-XY
KLN 1700.500	1695	496	KLN-170050-00-XY
KLN 1700.600	1695	596	KLN-170060-00-XY

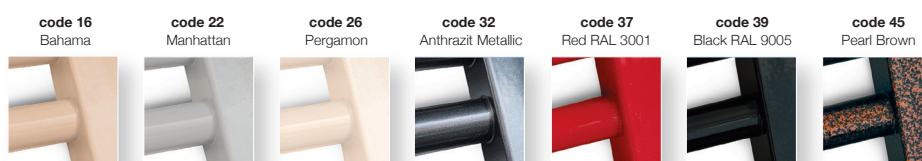
Design	Order code
HM FITTING - straight white	Z-D040
HM FITTING - straight chrome	Z-D041
HM FITTING - angular white	Z-D042
HM FITTING - angular chrome	Z-D043
HM FITTING Cover - white	Z-D027
HM FITTING Cover - chrome	Z-D028

COLOUR CARD

SATIN GLOSS



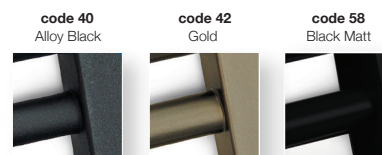
HIGH GLOSS



MATTE



DEEP MATTE



Notice:

The colour of the radiator may vary in comparison with the colour shown in the KORALUX colour card.
 The standard paint finish is white RAL 9016, other colours from KORADO colour range with an extra charge 20 %.
 Radiators can be ordered also in other colours from RAL colour range under the ordering code 99 with an extra charge 30 %.