KORADO®

... heat for you

KORALUX

towel rail radiators

06/2019

The KORALUX 06/2019 catalogue replaces all previous issues.

The new plant KORADO, a.s. is with its technological equipment and organizational structure the most modern factory for the production of radiators in Europe.

Its modern and sophisticated set-up in the area of 30 000 m^2 enables further increases of production capacity whenever needed. The choice of all technology was driven by the maximum effort to ensure environment protection inside the factory as well as in its surroundings.

KORADO, a.s. is the holder of the ISO 9001 quality certificate.

info@korado.cz

www.korado.com

Bří Hubálků 869,
560 02 Česká Třebová

MODERN PRODUCTS WITH HIGH HEAT OUTPUT AND PROVEN QUALITY

KORADO, a.s. is introducing a comprehensive range of towel rail radiators. Thanks to modern production technologies our KORALUX radiators stand out with excellent quality and high heat outputs. The wide range of KORALUX radiators consists of five product lines which are competitively priced and comprehensively cover the demands of all target groups. The advantages and characteristics of the new product lines are tailored to meet the requirements of our customers on the basis of long-term experience. The names of the product lines – MAX, COMFORT, CLASSIC, STANDARD and EXCLUSIVE – suggest the advantages of each of them.

KORALUX MAX

The towel rail radiators KORALUX MAX are designed to provide the maximum heat output which is guaranteed by their unique design. The models offered in this range meet the requirements of even the most demanding customers.

Products are offered in two version, with straight or curved tubes, both with side or modern middle connection. This product range is the best choice for maximum heat output.

KORALUX COMFORT

Luxurious design, maximum comfort and outstanding heat output. The towel rail radiators in this range are a balanced combination of function and design. They belong to the most popular products.

Two versions, with straight or curved tubes, and a choice between bottom side or middle connection predestine this range to be a perfect complement for any interior. For a real comfortable use these radiators can be equipped with a set for combined heating.

MODERN PRODUCTS WITH HIGH HEAT OUTPUT AND PROVEN QUALITY

KORALUX CLASSIC

The most popular towel rail radiators, especially thanks to their competitive price and sufficient heat output. They represent an ideal combination of price, heat output and quality.

Again you can choose between two versions, straight or curved tubes, with side or middle connection.

KORALUX STANDARD

You will find the smallest towel rail radiators on the market in this range. With a width of 400 mm, they are ideal for use in small bathrooms or as an alternative heat source suitable for combination with another type of heating, for example, under-floor heating.

KORALUX EXCLUSIVE

Elegant chrome radiators will tastefully liven up every interior with their luxurious design. These radiator are available with a modern middle connection in two versions, with straight or curved tubes.

MODERN PRODUCTS WITH HIGH HEAT OUTPUT AND PROVEN QUALITY

KORALUX Variability

All KORALUX towel rail radiators are tailored to suit the requirements and demands of our customers. We place an emphasis on their design, wide range of uses and connection to the existing heating systems in buildings in traditional as well as modern style.

Another option is to use KORALUX towel rail radiators with a set for combined heating, or alternatively as direct electric heaters.

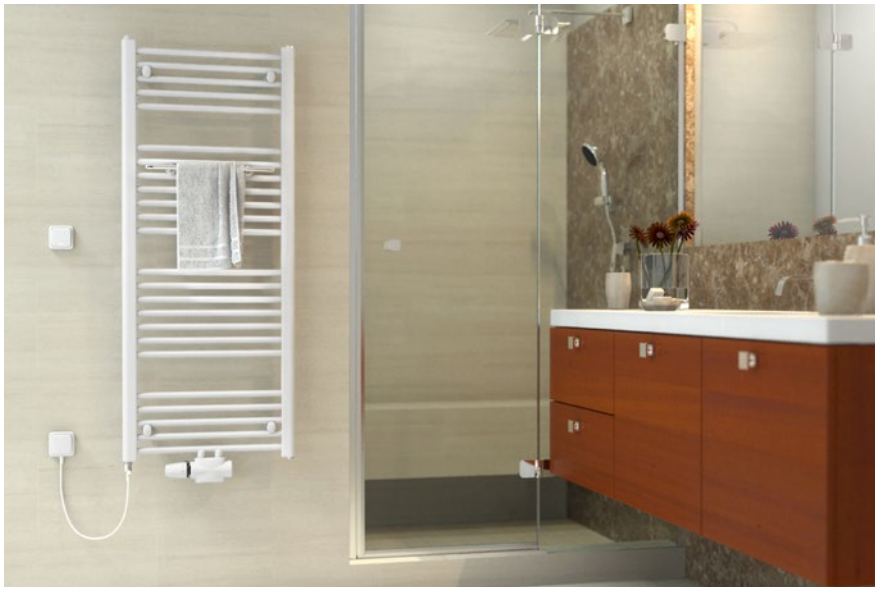
The range of colours enables you to fit in these radiators into any interior.

MODERN PRODUCTS WITH HIGH HEAT OUTPUT AND PROVEN QUALITY

KORADO Accessories

Drying your towels will be a pleasant side effect of heating and an additional function of your radiators. Thanks to the accessories offered, KORADO towel rail radiators can be used for efficient drying or storage of textiles such as towels or cloths without damaging the textiles or the radiator itself.

This is why the KORADO offer now includes towel hangers and pegs which extend the practical use of KORALUX towel rail radiators.



Clear and simple fitting allows for their use on new as well as old radiators.

TABLE OF CONTENTS

ADVANTAGES OF KORADO® RADIATORS

- made to last
- excellent finish
- low water content
- high resistance to excess pressure
- low weight
- multifunction packaging
- ISO 9001 guarantee of quality of products and services

GENERAL INFORMATION

Description and Design

Towel rail radiators supplied under the trade name KORALUX, are manufactured from closed steel profiles of various diameters and shapes.

Overview of models KORALUX

- version MAX
  - KORALUX LINEAR MAX
  - KORALUX LINEAR MAX - M
  - KORALUX RONDO MAX
  - KORALUX RONDO MAX - M
- version COMFORT
  - KORALUX LINEAR COMFORT
  - KORALUX LINEAR COMFORT - M
  - KORALUX RONDO COMFORT
  - KORALUX RONDO COMFORT - M
- version CLASSIC
  - KORALUX LINEAR CLASSIC
  - KORALUX LINEAR CLASSIC - M
  - KORALUX RONDO CLASSIC
  - KORALUX RONDO CLASSIC - M
- version STANDARD
  - KORALUX STANDARD
- version EXCLUSIVE
  - KORALUX LINEAR EXCLUSIVE - M
  - KORALUX RONDO EXCLUSIVE - M

High Quality Finish

The technology used guarantees long-term corrosion resistance, mechanical durability, extremely good finish and also a hygienic radiator surface. Maximum effort is made to protect the environment.

The finish is done in three basic phases:

1) Preparation of the steel surface – includes degreasing, phosphating, and rinsing in three stages.
2) Putting on the first layer of paint using the cataphoretic method (KTL) and drying in an oven. This phase of treatment is of decisive importance for the long life span of the radiator.
3) Putting on the final layer of paint – epoxy-polyester powder is used. After it is oven dried and then cooled, the process of surface finishing is complete.

The basic colour is white RAL 9016. On special order you can get radiators in other colours selected from our colour card.

Basic Equipment

The distributing and collector profiles are equipped with outlets with G 1/2 thread. Included with every towel rail radiator are a blanking plug and air vent and a set of fittings for fixing the radiator to the wall.

Use

KORALUX towel rail radiators are primarily intended for heating bathrooms, toilets, kitchens, living spaces, offices, entrances and hallways of residential and public buildings. Their modern design allows them to blend in with most interiors and the choice of colours meets the requirements for good colour combinations.

Their design allows for their use in both gravity fed and pressurized hot water systems with the maximum water temperature up to 110 °C. Radiators must be installed in a professional way in hot water heating systems which are carried out professionally according to VDI 2035 with regard to the protection against damage caused by corrosion and scale.

The following main water quality attributes must be adhered to:

- pH range 8.5 - 9.5 (this applies for systems which do not contain aluminium)
- overall water hardness (content of Ca + Mg ions) up to 1mmol/l
- salinity within the range 300 - 500 µS/cm
- oxygen content max. 0.1 mg/l.

Guarantee and Quality

The manufacturer guarantees that the product is leak proof and guarantees stated heat output of KORALUX towel rail radiators connected to the hot-water systems for 5 years from the date of sale. The manufacturer accepts no responsibility for deformation or damage of the radiators caused during their transport, handling, or storage. The guarantee does not apply to mechanical or other damages caused by unqualified installation of the radiators.

The company KORADO, a.s. has held a quality certificate under the norm ISO 9001 since 1997. This quality control system describes all conditions, requirements, and parameters with respect to technical, manufacturing, commercial, transport, and service issues. The customer is the main target of the entire system and his satisfaction influences the goals and plans of the company KORADO, a.s.

The ISO 9001 quality control system guarantees the customer excellent, long-lasting quality of products and services.

Heat Output and Declaration of Conformity

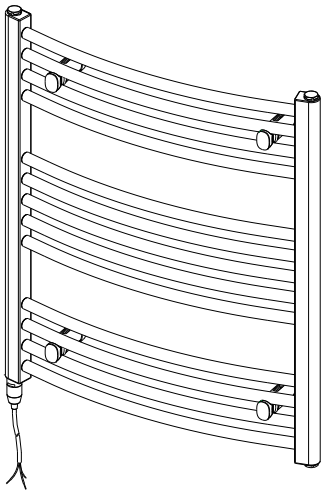
The stated heat outputs are determined in accordance with EN 442 in a notified laboratory.

The conformity with valid European standards was approved by Strojirensky zkusebni ustav, s.p. (Engineering Test Institute), Notified Body 1015, Hudcova 56b, 621 00 Brno, Czech Republic.

KORALUX electric heaters are manufactured in two versions:

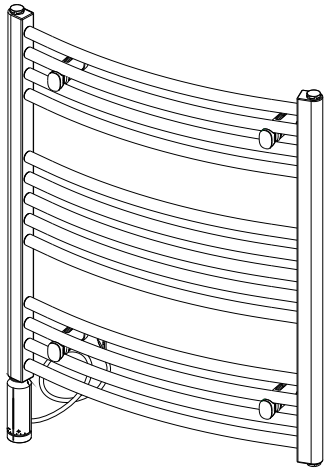
KORALUX-E (without integrated temperature controller)

The KORALUX-E electric heater is supplied in RAL 9016 white (including electric heating element with white cable). The electric heating element is connected to a fixed power supply by a power cable into the installation box. Optionally, the cable can be supplied with accessories (mains plug with the VS1 manual switch or RE10A electrical temperature controller), see page 38.



KORALUX-ER (with integrated temperature controller)

The electric heater KORALUX-ER is fitted with an electric heating element with an electronic room air temperature controller. As standard, it is supplied in RAL 9016 white, then the electric heating element is equipped with a white controller with a white connecting cable. The KORALUX-ER can also be ordered in a colour according to the KORADO or RAL colour chart, including an electric heating element with a chrome-plated regulator. The electric heating element is connected to a fixed power supply by a power cable to the installation box.



Technical Data	KORALUX – E	KORALUX – ER
Switch	No	Yes
Indication of operation	No	Yes
Indication of fault condition	No	Yes
Thermostat	No	Yes
Temperature switch	Yes	Yes
Temperature limiter	Yes	Yes
Selection of operation modes	No	Yes
Rated voltage	230 V / 50 Hz	230 V / 50 Hz
Input range	200 ÷ 1200 W	200 ÷ 1200 W
Protection	IP 44	IP 44
Appliance class	1	1
Cable length	1,5 m	1,5 m
Working position	Vertical model with the electric power supply at the bottom	

Packaging

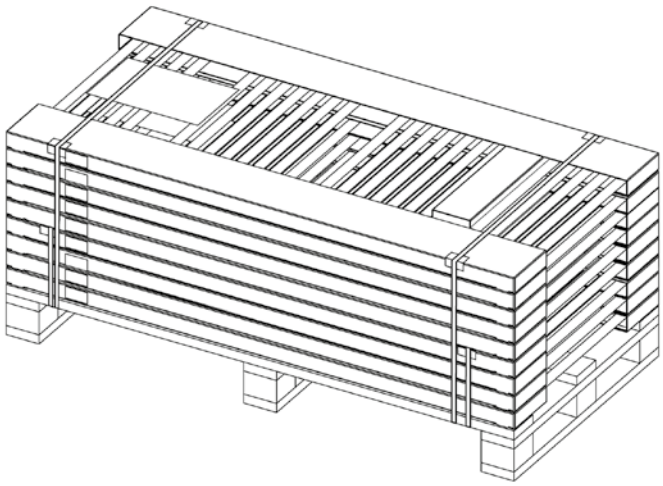
KORALUX towel rail radiators are delivered with plastic protective corners, packed in cardboard and polyethylene shrink wrap. For assembly we recommend removing the packaging only in places where it is necessary, and not to remove the rest before the building work is completed. In this way the surface of the radiator is protected against dirt and damage.

Transport and storage

The radiators are stored on pallets according to the manufacturer's internal guidelines. Placing the pallets into layers is possible only in accordance with those guidelines.

Pallets with radiators should only be transported in covered vehicles and stored in a dry sheltered place. Their storage in open and uncovered places is not permissible.

Packaging – Palletizing



KORALUX LINEAR MAX, LINEAR MAX - M

Technical Data

Height H	690, 900, 1215, 1495, 1810 mm
Length L	450, 600, 750 mm
Depth B	35 mm
Connecting pitch (KLM)	**h = L** - 30 mm
Connecting pitch (KLMM)	50 mm
Connecting thread (KLM)	4 x G 1/2 inside
Connecting thread (KLMM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KLM)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KLMM)	A_T = 9,3 x 10^{-5} m^2
Coefficient of resistance (KLM)	ξ_T = 1,8
Coefficient of resistance (KLMM)	ξ_T = 9,3

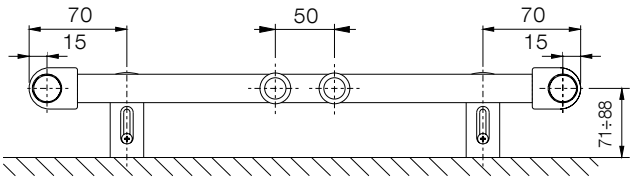
Design

KORALUX LINEAR MAX (KLM) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down.**

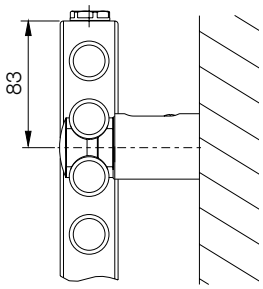
KORALUX LINEAR MAX - M (KLMM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes	∅ 24 mm
Steel profile	41 x 35 mm

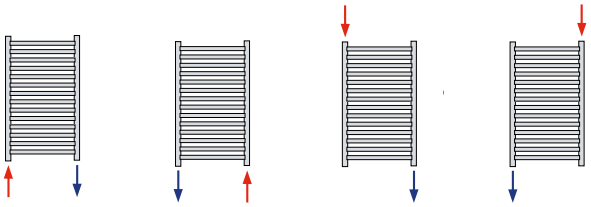
Fitting



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



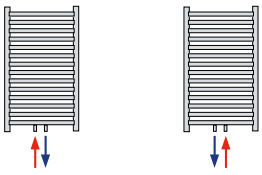
Type of Connection KORALUX LINEAR MAX



bottom connection

double - sided from the top down

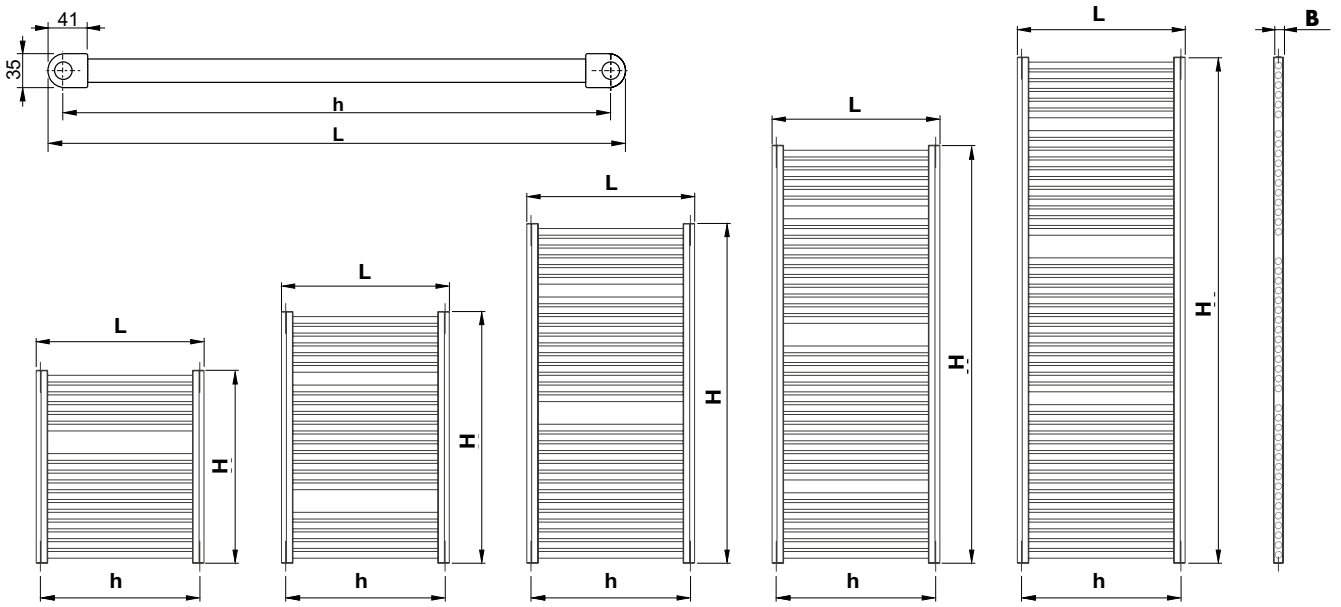
Type of Connection KORALUX LINEAR MAX - M



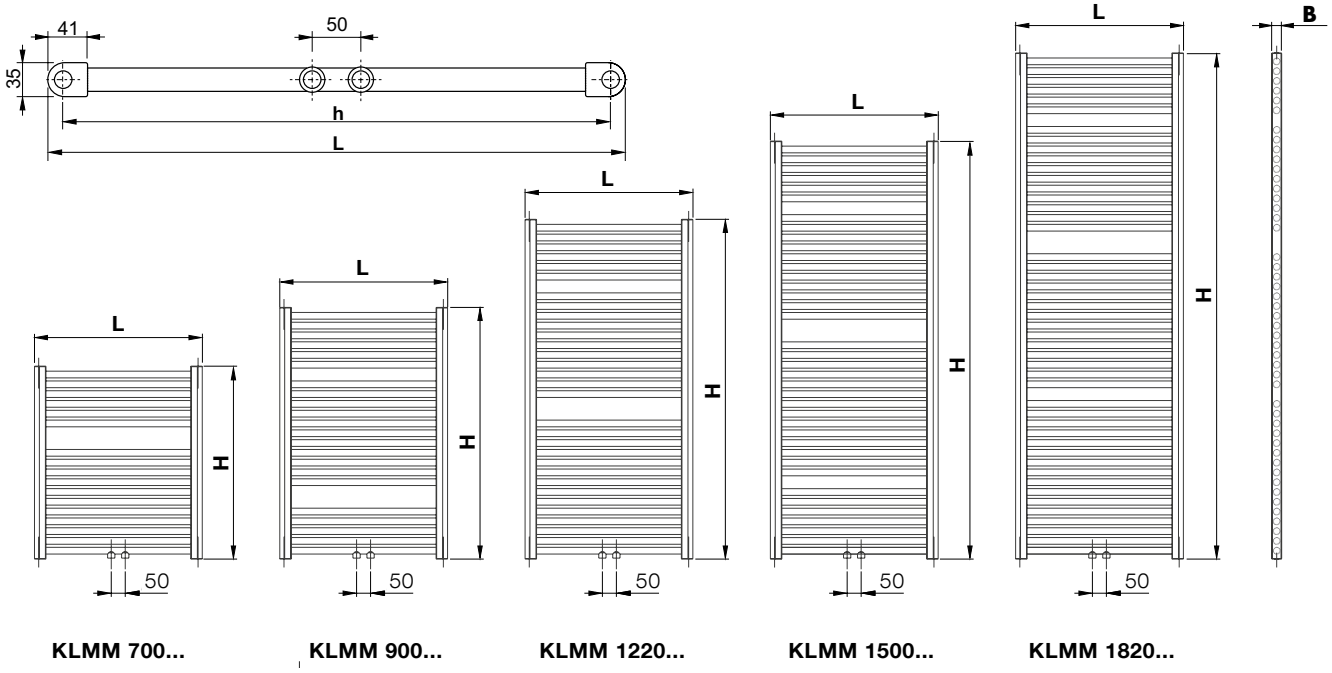
bottom middle*

* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see catalogue KORALUX p. 39).

KORALUX LINEAR MAX



KORALUX LINEAR MAX - M



KORALUX LINEAR MAX - E electric radiators

Model number	Electric input P [W]	M_c [kg]
KLME 700.450	300	10,0
KLME 700.600	400	12,3
KLME 700.750	500	14,7
KLME 900.450	300	12,8
KLME 900.600	500	15,9
KLME 900.750	600	19,0
KLME 1220.450	500	17,6
KLME 1220.600	700	22,0

Model number	Electric input P [W]	M_c [kg]
KLME 1220.750	800	26,3
KLME 1500.450	600	21,6
KLME 1500.600	800	27,0
KLME 1500.750	1000	32,3
KLME 1820.450	700	26,3
KLME 1820.600	1000	33,0
KLME 1820.750	1200	39,8

M_c = total weight of the radiator including electric heating element and filler

KORALUX LINEAR MAX, LINEAR MAX - M

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLM 700.450	690	450	420	75/65	360	336	320	304	289	320	1,2363	5,8	3,9	300
KLMM 700.450			50	70/55	300	277	262	247	232					
				55/45	206	184	170	156	143					
KLM 700.600	690	600	570	75/65	475	443	422	401	380	422	1,2476	7,3	4,9	400
KLMM 700.600			50	70/55	396	365	345	324	305					
				55/45	270	242	223	205	187					
KLM 700.750	690	750	720	75/65	591	551	524	498	472	524	1,2588	8,8	5,8	500
KLMM 700.750			50	70/55	491	453	427	402	377					
				55/45	334	299	275	253	230					
KLM 900.450	900	450	420	75/65	463	432	411	391	370	411	1,2465	7,5	5,1	300
KLMM 900.450			50	70/55	386	355	336	316	297					
				55/45	263	236	217	200	182					
KLM 900.600	900	600	570	75/65	612	570	543	516	489	543	1,2560	9,4	6,3	500
KLMM 900.600			50	70/55	509	469	443	417	391					
				55/45	347	310	286	262	239					
KLM 900.750	900	750	720	75/65	759	707	673	639	606	673	1,2655	11,3	7,6	600
KLMM 900.750			50	70/55	631	581	548	515	483					
				55/45	429	383	353	323	294					
KLM 1220.450	1215	450	420	75/65	628	585	557	529	501	557	1,2627	10,4	7,0	500
KLMM 1220.450			50	70/55	522	481	454	427	400					
				55/45	355	317	292	268	244					
KLM 1220.600	1215	600	570	75/65	831	774	736	699	662	736	1,2695	13,0	8,8	700
KLMM 1220.600			50	70/55	690	635	599	563	528					
				55/45	468	418	385	353	321					
KLM 1220.750	1215	750	720	75/65	1031	960	913	867	821	913	1,2762	15,7	10,6	800
KLMM 1220.750			50	70/55	855	787	742	698	654					
				55/45	579	517	476	436	396					
KLM 1500.450	1495	450	420	75/65	774	721	686	651	617	686	1,2689	12,7	8,6	600
KLMM 1500.450			50	70/55	643	592	558	525	492					
				55/45	436	389	359	329	299					
KLM 1500.600	1495	600	570	75/65	1022	952	906	860	815	906	1,2647	15,9	10,8	800
KLMM 1500.600			50	70/55	849	782	738	694	651					
				55/45	577	515	475	435	396					
KLM 1500.750	1495	750	720	75/65	1267	1181	1124	1068	1012	1124	1,2604	19,2	13,0	1000
KLMM 1500.750			50	70/55	1054	970	916	862	809					
				55/45	717	640	590	541	493					
KLM 1820.450	1810	450	420	75/65	941	876	833	791	749	833	1,2760	15,5	10,6	700
KLMM 1820.450			50	70/55	780	718	677	637	597					
				55/45	528	471	434	397	362					
KLM 1820.600	1810	600	570	75/65	1241	1157	1101	1046	991	1101	1,2592	19,6	13,3	1000
KLMM 1820.600			50	70/55	1032	951	897	844	792					
				55/45	703	628	579	531	483					
KLM 1820.750	1810	750	720	75/65	1539	1435	1367	1299	1232	1367	1,2424	23,6	15,9	1200
KLMM 1820.750			50	70/55	1283	1183	1117	1052	988					
				55/45	878	785	725	665	607					

* Stated maximum output values of the electric heating element apply for combined heating (see p. 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
9,84220 x 10^{-6}	0,9681392	0,9869175	1,2540313	3,58067 x 10^{-6}

Stated heat output values apply for the illustrated types of radiator connections:

KLM

bottom connection

KLMM

bottom middle

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
				75/65	385	359	341	324	307					
KLM 700.450	690	450	420	70/55	319	294	277	261	244	341	1,2765	5,8	3,9	300
				55/45	216	193	178	163	148					
				75/65	512	477	454	431	409					
KLM 700.600	690	600	570	70/55	425	392	370	348	326	454	1,2651	7,3	4,9	400
				55/45	289	258	238	218	199					
				75/65	639	596	567	539	511					
KLM 700.750	690	750	720	70/55	532	490	462	435	409	567	1,2537	8,8	5,8	500
				55/45	363	324	299	274	250					
				75/65	493	458	436	414	392					
KLM 900.450	900	450	420	70/55	408	376	354	333	312	436	1,2816	7,5	5,1	300
				55/45	276	246	227	207	189					
				75/65	655	610	580	551	522					
KLM 900.600	900	600	570	70/55	543	500	472	444	416	580	1,2694	9,4	6,3	500
				55/45	369	329	303	278	253					
				75/65	817	762	725	689	653					
KLM 900.750	900	750	720	70/55	680	626	591	556	522	725	1,2572	11,3	7,6	600
				55/45	463	414	381	350	319					
				75/65	669	623	592	562	532					
KLM 1220.450	1215	450	420	70/55	554	509	480	451	423	592	1,2896	10,4	7,0	500
				55/45	374	333	306	280	255					
				75/65	891	829	789	749	709					
KLM 1220.600	1215	600	570	70/55	739	680	641	603	565	789	1,2762	13,0	8,8	700
				55/45	500	446	411	376	342					
				75/65	1111	1035	985	936	887					
KLM 1220.750	1215	750	720	70/55	923	850	802	755	708	985	1,2627	15,7	10,6	800
				55/45	628	561	517	474	431					
				75/65	832	773	735	697	660					
KLM 1500.450	1495	450	420	70/55	688	632	595	559	524	735	1,2967	12,7	8,6	600
				55/45	463	412	379	347	315					
				75/65	1106	1029	979	929	880					
KLM 1500.600	1495	600	570	70/55	917	843	795	747	700	979	1,2821	15,9	10,8	800
				55/45	620	552	509	466	423					
				75/65	1379	1284	1222	1160	1099					
KLM 1500.750	1495	750	720	70/55	1145	1054	994	936	877	1222	1,2676	19,2	13,0	1000
				55/45	778	694	640	586	533					
				75/65	1026	954	906	859	813					
KLM 1820.450	1810	450	420	70/55	847	778	733	688	644	906	1,3048	15,5	10,6	700
				55/45	569	506	465	425	386					
				75/65	1364	1269	1206	1144	1083					
KLM 1820.600	1810	600	570	70/55	1129	1038	978	919	861	1206	1,2890	19,6	13,3	1000
				55/45	762	678	624	571	519					
				75/65	1701	1584	1507	1431	1355					
KLM 1820.750	1810	750	720	70/55	1412	1299	1225	1152	1080	1507	1,2731	23,6	15,9	1200
				55/45	957	854	786	720	655					

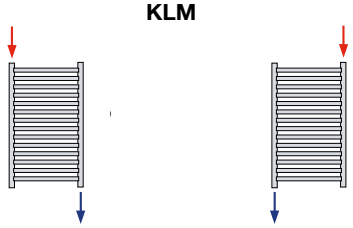
* Stated maximum output values of the electric heating element apply for combined heating (see p. 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
$1{,}79486 \times 10^{-5}$	0,9970127	0,8795569	1,2322031	$3{,}12713 \times 10^{-5}$

Stated heat output values apply for the illustrated types of radiator connections:

KLM



double - sided from the top down

KORALUX RONDO MAX, RONDO MAX - M

Technical Data

Height H	690, 900, 1215, 1495, 1810 mm
Length L	445, 595, 745 mm
Depth B	59, 65, 69 mm
Connecting pitch (KRM)	**h = L** - 30 mm
Connecting pitch (KRMM)	50 mm
Connecting thread (KRM)	4 x G 1/2 inside
Connecting thread (KRMM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KRM)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KRMM)	A_T = 9,3 x 10^{-5} m^2
Coefficient of resistance (KRM)	ξ_T = 1,8
Coefficient of resistance (KRMM)	ξ_T = 9,3

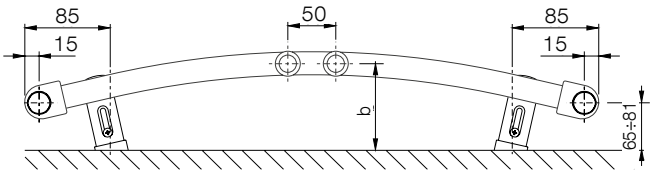
Design

KORALUX RONDO MAX (KRM) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down.**

KORALUX RONDO MAX - M (KRMM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

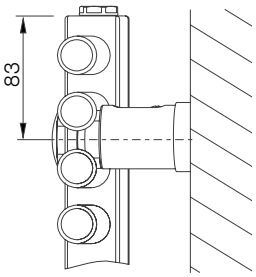
Steel tubes	∅ 24 mm
Steel profile	41 x 35 mm

Fitting

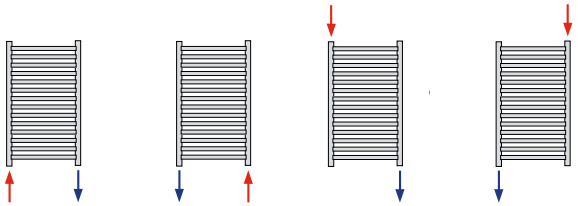


L [mm]	445	595	745
b [mm]	94 ÷ 110	100 ÷ 116	104 ÷ 120

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



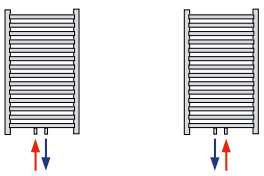
Type of Connection KORALUX RONDO MAX



bottom connection

double - sided from the top down

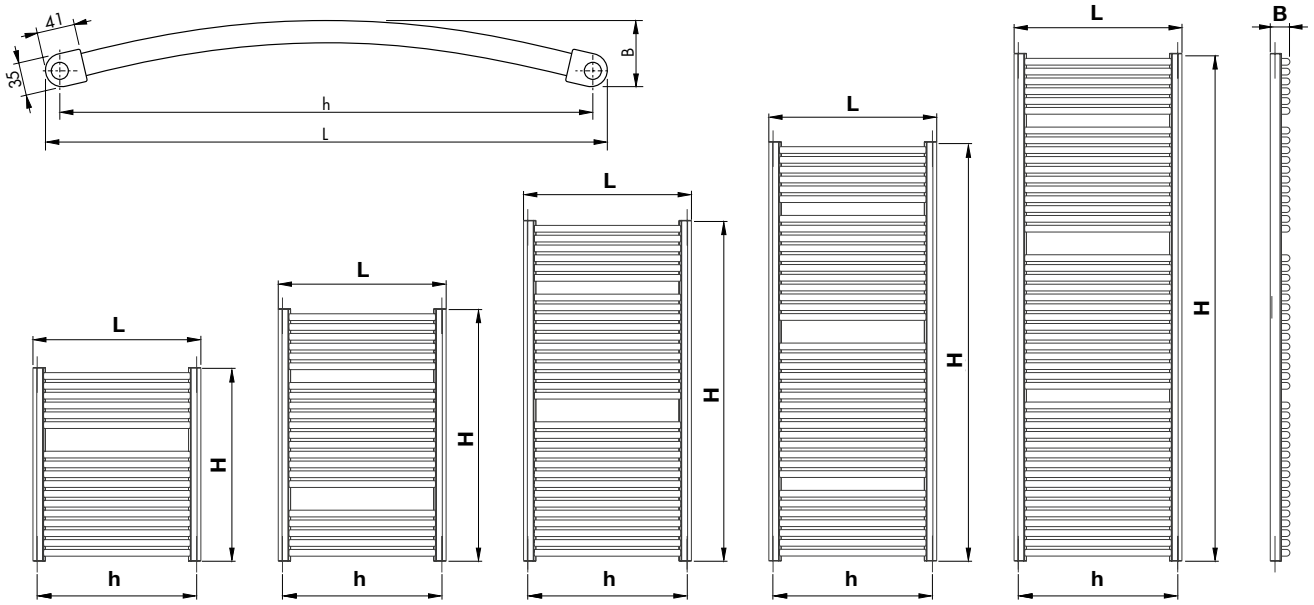
Type of Connection KORALUX RONDO MAX - M



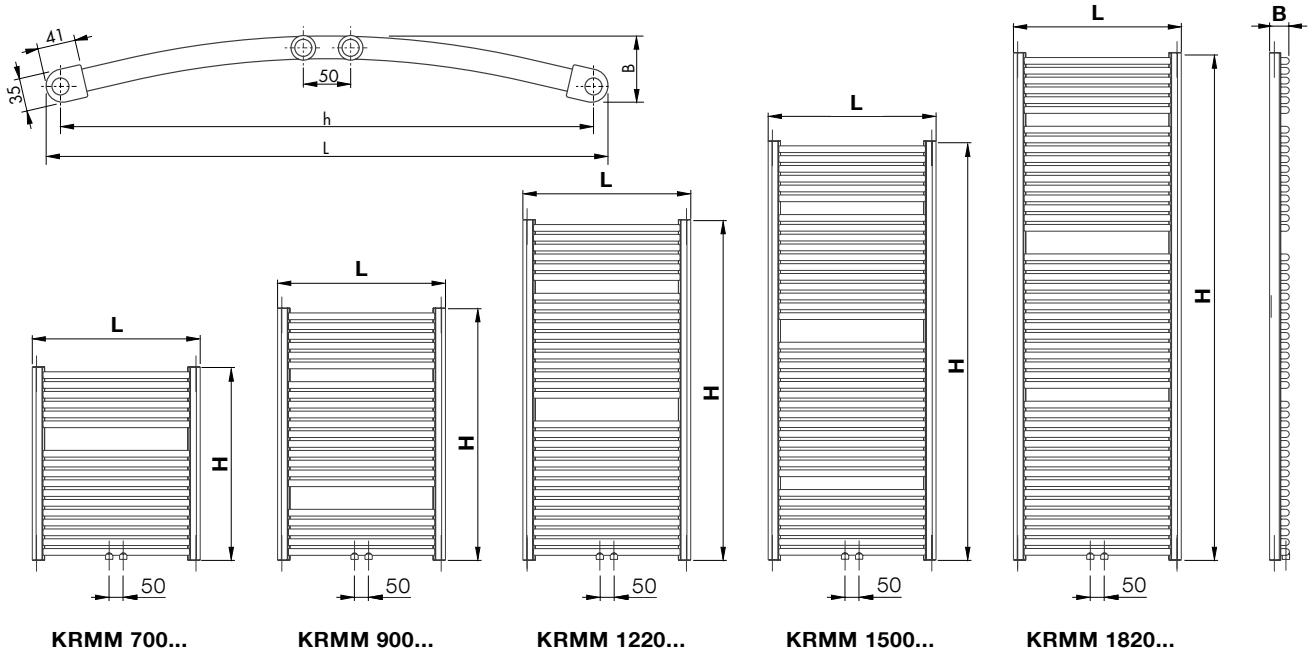
bottom middle*

* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see catalogue KORALUX p. 39).

KORALUX RONDO MAX



KORALUX RONDO MAX - M



KORALUX RONDO MAX - E electric radiators

Model number	Electric input P [W]	M_c [kg]
KRME 700.450	300	10,0
KRME 700.600	400	12,3
KRME 700.750	500	14,7
KRME 900.450	300	12,9
KRME 900.600	500	15,9
KRME 900.750	600	19,0
KRME 1220.450	500	17,6
KRME 1220.600	700	22,0

Model number	Electric input P [W]	M_c [kg]
KRME 1220.750	800	26,3
KRME 1500.450	600	21,6
KRME 1500.600	800	27,0
KRME 1500.750	1000	32,3
KRME 1820.450	700	26,3
KRME 1820.600	1000	33,1
KRME 1820.750	1200	39,8

M_c = total weight of the radiator including electric heating element and filler

KORALUX RONDO MAX, RONDO MAX - M

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KRM 700.450	690	445	415	75/65	377	352	335	319	302	335	1,2322	5,8	3,9	300
KRMM 700.450			50	70/55	314	290	274	258	243					
				55/45	216	193	179	164	150					
KRM 700.600	690	595	565	75/65	499	466	444	422	401	444	1,2279	7,3	4,9	400
KRMM 700.600			50	70/55	417	385	364	343	322					
				55/45	287	257	237	218	199					
KRM 700.750	690	745	715	75/65	621	580	553	526	499	553	1,2235	8,8	5,8	500
KRMM 700.750			50	70/55	519	480	453	427	402					
				55/45	357	320	296	272	248					
KRM 900.450	900	445	415	75/65	486	453	432	411	390	432	1,2336	7,5	5,1	300
KRMM 900.450			50	70/55	406	374	354	333	313					
				55/45	278	249	230	211	193					
KRM 900.600	900	595	565	75/65	646	602	574	546	518	574	1,2343	9,4	6,3	500
KRMM 900.600			50	70/55	539	497	470	443	416					
				55/45	370	331	306	281	256					
KRM 900.750	900	745	715	75/65	803	749	714	679	644	714	1,2350	11,3	7,6	600
KRMM 900.750			50	70/55	670	618	584	550	517					
				55/45	460	411	380	349	318					
KRM 1220.450	1215	445	415	75/65	663	618	589	560	531	589	1,2357	10,4	7,0	500
KRMM 1220.450			50	70/55	553	510	482	454	426					
				55/45	379	339	313	288	263					
KRM 1220.600	1215	595	565	75/65	879	820	781	742	704	781	1,2446	13,0	8,8	700
KRMM 1220.600			50	70/55	733	676	638	601	564					
				55/45	501	448	414	380	346					
KRM 1220.750	1215	745	715	75/65	1096	1022	973	924	876	973	1,2534	15,7	10,6	800
KRMM 1220.750			50	70/55	912	841	794	747	701					
				55/45	622	556	513	470	429					
KRM 1500.450	1495	445	415	75/65	816	761	725	689	654	725	1,2376	12,7	8,6	600
KRMM 1500.450			50	70/55	680	628	593	559	525					
				55/45	466	417	385	354	323					
KRM 1500.600	1495	595	565	75/65	1083	1010	962	915	868	962	1,2384	15,9	10,8	800
KRMM 1500.600			50	70/55	903	833	787	741	696					
				55/45	619	554	511	469	428					
KRM 1500.750	1495	745	715	75/65	1347	1257	1197	1138	1079	1197	1,2392	19,2	13,0	1000
KRMM 1500.750			50	70/55	1123	1036	979	922	866					
				55/45	769	689	636	584	532					
KRM 1820.450	1810	445	415	75/65	989	923	879	836	793	879	1,2398	15,5	10,6	700
KRMM 1820.450			50	70/55	825	761	719	677	636					
				55/45	565	505	467	428	391					
KRM 1820.600	1810	595	565	75/65	1311	1224	1166	1109	1052	1166	1,2314	19,6	13,3	1000
KRMM 1820.600			50	70/55	1095	1010	955	900	845					
				55/45	752	673	622	571	521					
KRM 1820.750	1810	745	715	75/65	1631	1523	1452	1381	1311	1452	1,2229	23,6	15,9	1200
KRMM 1820.750			50	70/55	1364	1259	1190	1122	1055					
				55/45	939	841	777	715	653					

* Stated maximum output values of the electric heating element apply for combined heating (see p. 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1.H)}$

K_T	a	b	c_0	c_1
7,05757 x 10^{-6}	0,9827370	1,0420520	1,2429590	-6,77537 x 10^{-6}

Stated heat output values apply for the illustrated types of radiator connections:

KRM

bottom connection

KRMM

bottom middle

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
				75/65	407	379	361	343	325					
KRM 700.450	690	445	415	70/55	338	311	294	276	259	361	1,2660	5,8	3,9	300
				55/45	230	205	189	173	158					
				75/65	541	504	480	456	432					
KRM 700.600	690	595	565	70/55	450	415	391	368	346	480	1,2554	7,3	4,9	400
				55/45	307	274	253	232	211					
				75/65	674	629	599	569	540					
KRM 700.750	690	745	715	70/55	562	518	489	461	433	599	1,2448	8,8	5,8	500
				55/45	384	344	317	291	265					
				75/65	521	486	462	439	416					
KRM 900.450	900	445	415	70/55	433	399	376	354	332	462	1,2674	7,5	5,1	300
				55/45	294	262	242	222	202					
				75/65	692	645	614	583	553					
KRM 900.600	900	595	565	70/55	576	530	501	471	442	614	1,2568	9,4	6,3	500
				55/45	392	350	323	296	270					
				75/65	864	805	767	729	691					
KRM 900.750	900	745	715	70/55	720	663	626	590	554	767	1,2462	11,3	7,6	600
				55/45	492	440	406	372	340					
				75/65	705	657	625	593	562					
KRM 1220.450	1215	445	415	70/55	586	539	508	478	448	625	1,2697	10,4	7,0	500
				55/45	397	355	327	299	272					
				75/65	938	874	832	790	749					
KRM 1220.600	1215	595	565	70/55	780	718	678	638	599	832	1,2591	13,0	8,8	700
				55/45	531	474	437	401	365					
				75/65	1169	1090	1038	986	935					
KRM 1220.750	1215	745	715	70/55	974	897	847	798	749	1038	1,2485	15,7	10,6	800
				55/45	665	595	549	503	459					
				75/65	870	810	771	732	693					
KRM 1500.450	1495	445	415	70/55	722	665	627	590	553	771	1,2717	12,7	8,6	600
				55/45	490	437	403	369	336					
				75/65	1157	1078	1026	975	924					
KRM 1500.600	1495	595	565	70/55	962	886	836	787	738	1026	1,2611	15,9	10,8	800
				55/45	654	584	539	494	450					
				75/65	1442	1344	1280	1216	1153					
KRM 1500.750	1495	745	715	70/55	1200	1106	1045	983	923	1280	1,2505	19,2	13,0	1000
				55/45	819	733	676	620	565					
				75/65	1064	990	942	894	847					
KRM 1820.450	1810	445	415	70/55	882	812	766	720	675	942	1,2740	15,5	10,6	700
				55/45	598	533	491	450	409					
				75/65	1413	1317	1253	1190	1128					
KRM 1820.600	1810	595	565	70/55	1174	1081	1020	960	901	1253	1,2634	19,6	13,3	1000
				55/45	798	713	657	602	548					
				75/65	1762	1643	1564	1486	1409					
KRM 1820.750	1810	745	715	70/55	1467	1352	1276	1201	1127	1564	1,2528	23,6	15,9	1200
				55/45	1000	894	825	756	689					

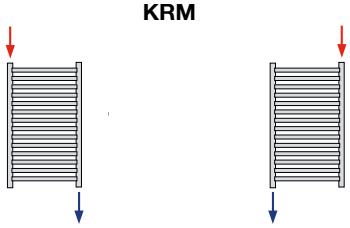
* Stated maximum output values of the electric heating element apply for combined heating (see p. 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
1,48816 x 10^{-5}	0,9921830	0,9269310	1,2332500	1,67629 x 10^{-5}

Stated heat output values apply for the illustrated types of radiator connections:

KRM



double - sided from the top down

KORALUX LINEAR COMFORT, LINEAR COMFORT - M

Technical Data

Height H	700, 900, 1220, 1500, 1820 mm
Length L	450, 500, 600, 750 mm
Depth B	35 mm
Connecting pitch (KLT)	**h = L** - 30 mm
Connecting pitch (KLTM)	50 mm
Connecting thread (KLT)	4 x G 1/2 inside
Connecting thread (KLTM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KLT)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KLTM)	A_T = 9,3 x 10^{-5} m^2
Coefficient of resistance (KLT)	ξ_T = 1,8
Coefficient of resistance (KLTM)	ξ_T = 9,3

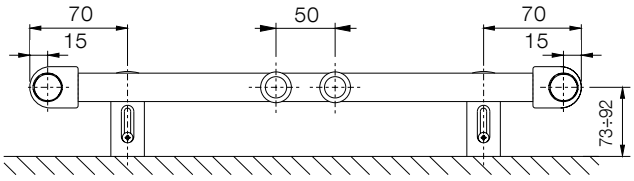
Design

KORALUX LINEAR COMFORT (KLT) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

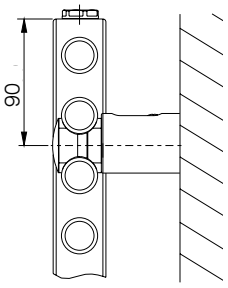
KORALUX LINEAR COMFORT - M (KLTM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes ∅ 24 mm
Steel profile 41 x 35 mm

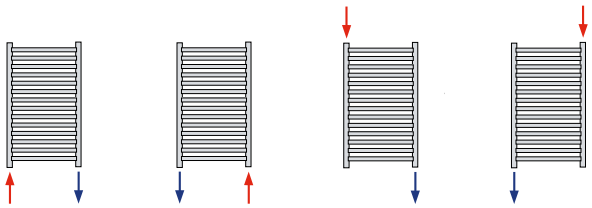
Fitting



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



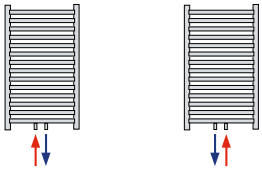
Type of Connection KORALUX LINEAR COMFORT



bottom connection

double - sided from the top down

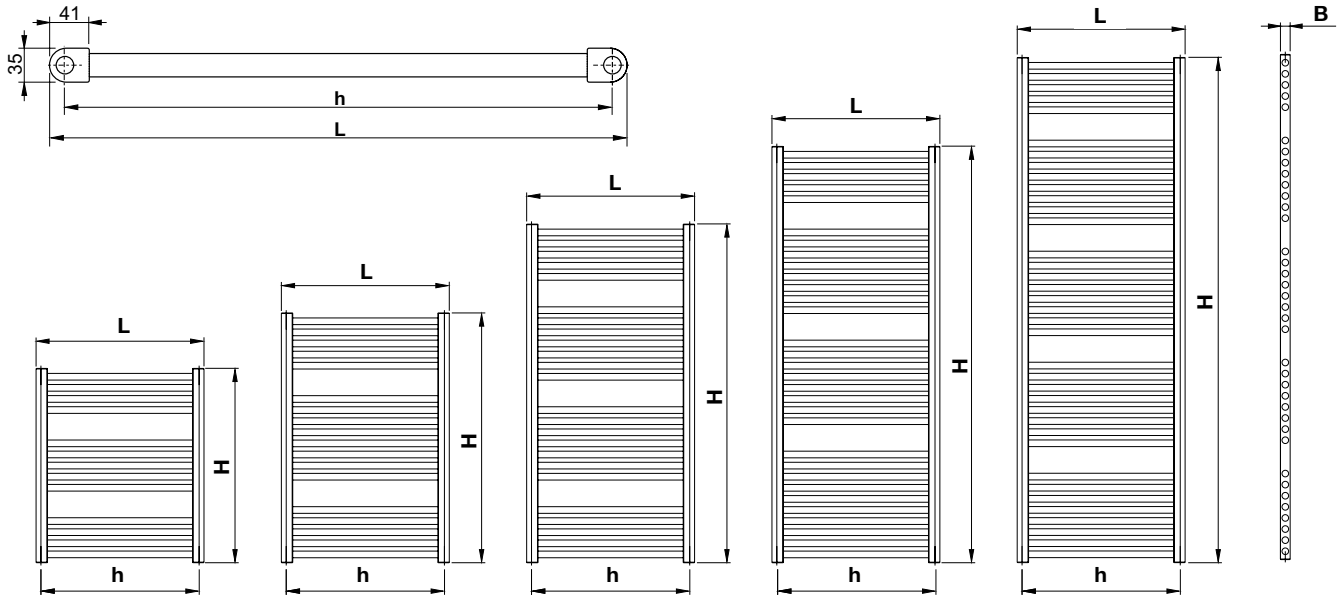
Type of Connection KORALUX LINEAR COMFORT - M



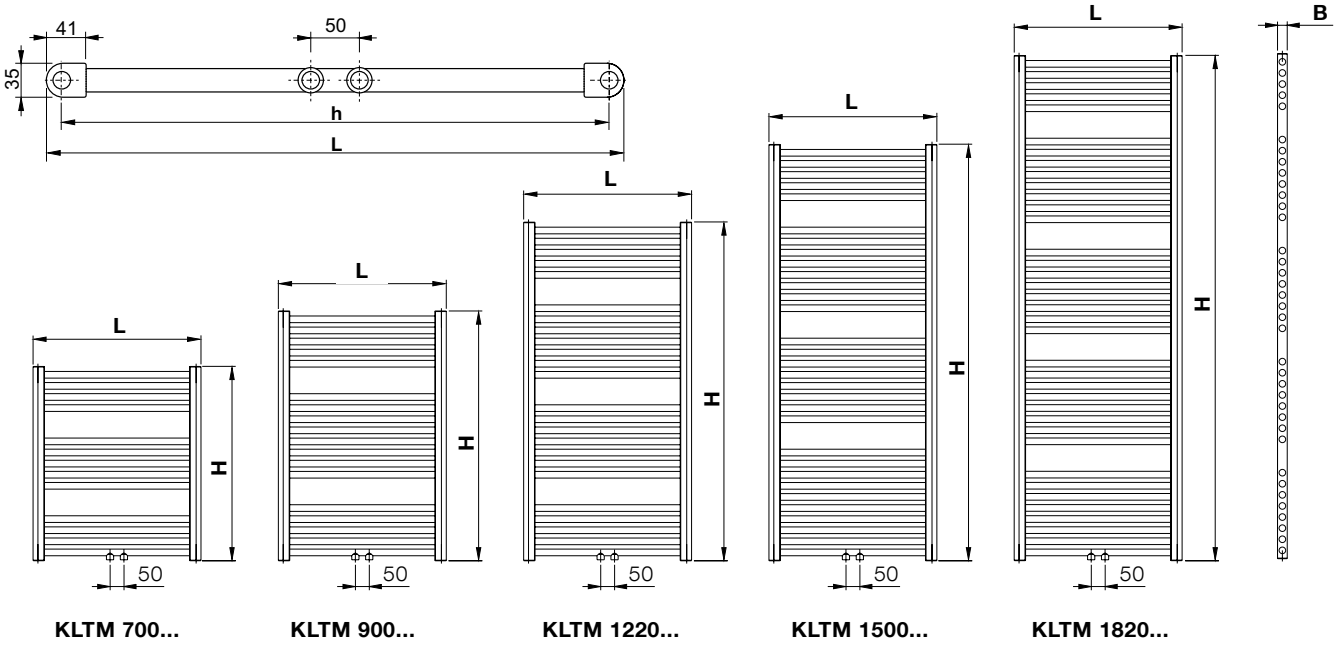
bottom middle*

*For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX LINEAR COMFORT



KORALUX LINEAR COMFORT - M



KORALUX LINEAR COMFORT - E electric radiators

Model number	Electric input P [W]	M_c [kg]
KLTE 700.500	200	9,3
KLTE 700.600	300	10,4
KLTE 700.750	400	12,2
KLTE 900.450	300	11,5
KLTE 900.500	300	12,3
KLTE 900.600	400	13,9
KLTE 900.750	500	16,4
KLTE 1220.450	400	15,3
KLTE 1220.500	500	16,4
KLTE 1220.600	600	18,6

Model number	Electric input P [W]	M_c [kg]
KLTE 1220.750	700	21,9
KLTE 1500.450	500	19,2
KLTE 1500.500	600	20,6
KLTE 1500.600	700	23,5
KLTE 1500.750	900	27,9
KLTE 1820.450	700	23,0
KLTE 1820.500	800	24,7
KLTE 1820.600	900	28,2
KLTE 1820.750	1000	33,4

M_c = total weight of the radiator including electric heating element and filler

KORALUX RONDO COMFORT, RONDO COMFORT - M

Design

KORALUX RONDO COMFORT (KRT) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

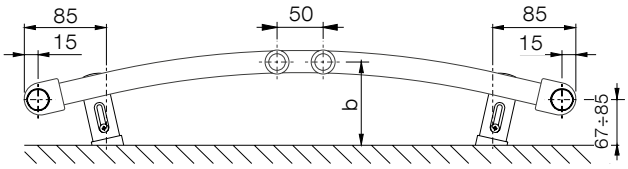
KORALUX RONDO COMFORT - M (KRTM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes	∅ 24 mm
Steel profile	41 x 35 mm

Technical Data

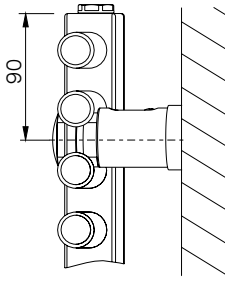
Height H	700, 900, 1220, 1500, 1820 mm
Length L	445, 495, 595, 745 mm
Depth B	59, 59, 66, 70 mm
Connecting pitch (KRT)	**h = L** - 30 mm
Connecting pitch (KRTM)	50 mm
Connecting thread (KRT)	4 x G 1/2 inside
Connecting thread (KRTM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KRT)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KRTM)	A_T = 9,3 x 10^{-5} m^2
Coefficient of resistance (KRT)	ξ_T = 1,8
Coefficient of resistance (KRTM)	ξ_T = 9,3

Fitting

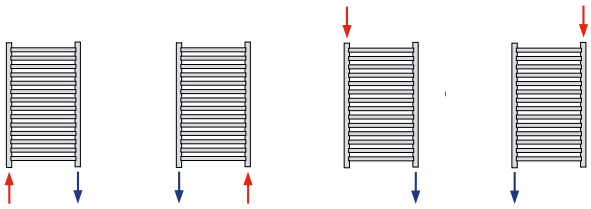


L [mm]	445	495	595	745
b [mm]	96 ÷ 114	96 ÷ 114	103 ÷ 121	104 ÷ 122

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



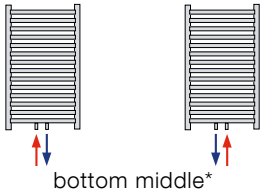
Type of Connection KORALUX RONDO COMFORT



bottom connection

double - sided from the top down

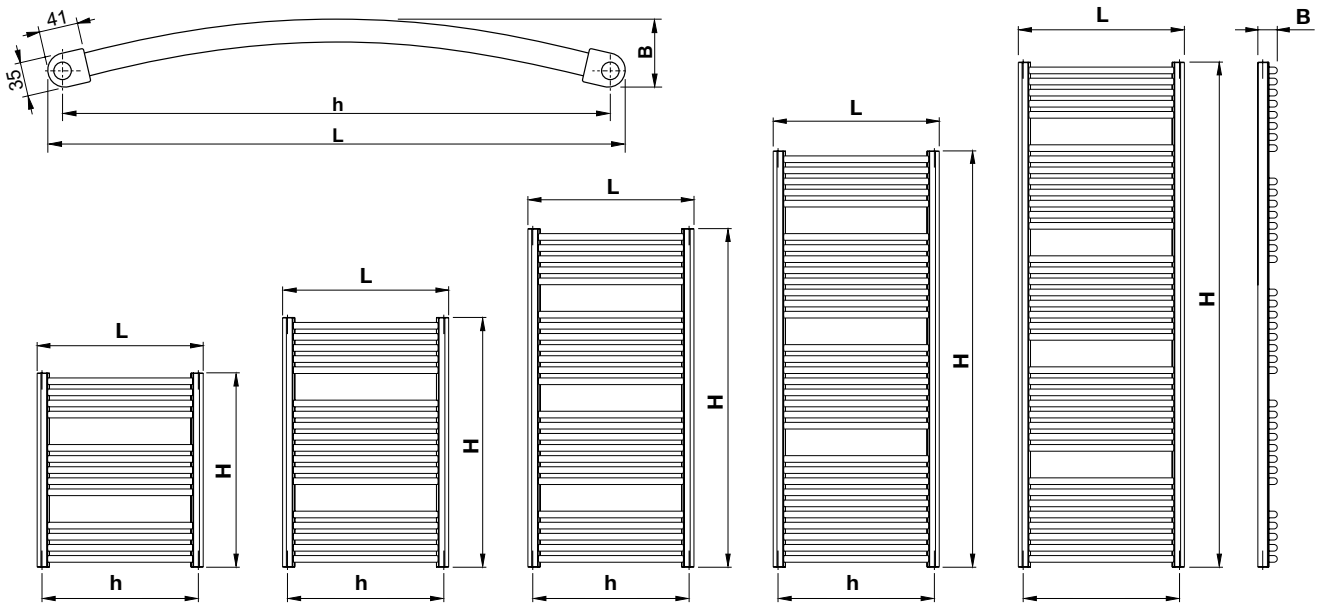
Type of Connection KORALUX RONDO COMFORT - M



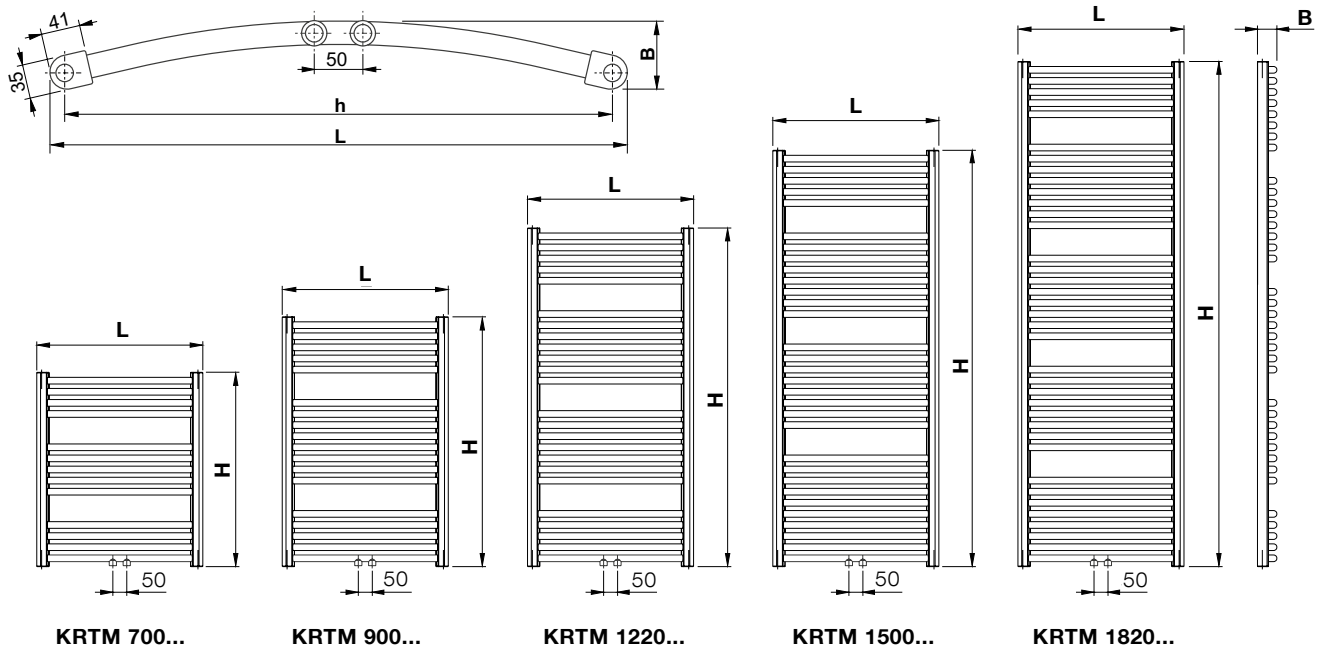
bottom middle*

*For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX RONDO COMFORT



KORALUX RONDO COMFORT - M



KORALUX RONDO COMFORT - E electric radiators

Model number	Electric input P [W]	M_c [kg]
KRTE 700.500	200	9,3
KRTE 700.600	300	10,4
KRTE 700.750	400	12,2
KRTE 900.450	300	11,5
KRTE 900.500	300	12,3
KRTE 900.600	400	13,9
KRTE 900.750	500	16,4
KRTE 1220.450	400	15,3
KRTE 1220.500	500	16,4
KRTE 1220.600	600	18,6

Model number	Electric input P [W]	M_c [kg]
KRTE 1220.750	700	21,9
KRTE 1500.450	500	19,2
KRTE 1500.500	600	20,6
KRTE 1500.600	700	23,5
KRTE 1500.750	900	27,9
KRTE 1820.450	700	23,0
KRTE 1820.500	800	24,7
KRTE 1820.600	900	28,2
KRTE 1820.750	1000	33,4

M_c = total weight of the radiator including electric heating element and filler

KORALUX LINEAR COMFORT, LINEAR COMFORT - M
KORALUX RONDO COMFORT, RONDO COMFORT - M

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLT (KLTM) 700.450 **KRT (KRTM) 700.450**	700	450 445	420 (50) 415 (50)	75/65 70/55 55/45	323 269 184	301 248 165	287 234 152	273 221 139	259 207 127	287	1,2452	5,0	3,4	200
KLT (KLTM) 700.500 **KRT (KRTM) 700.500**	700	500 495	470 (50) 465 (50)	75/65 70/55 55/45	355 296 202	331 273 181	315 257 167	299 242 153	284 228 140	315	1,2421	5,3	3,6	200
KLT (KLTM) 700.600 **KRT (KRTM) 700.600**	700	600 595	570 (50) 565 (50)	75/65 70/55 55/45	416 347 238	388 320 213	370 303 197	352 285 181	334 268 165	370	1,2358	6,1	4,1	300
KLT (KLTM) 700.750 **KRT (KRTM) 700.750**	700	750 745	720 (50) 715 (50)	75/65 70/55 55/45	506 423 291	472 390 260	450 369 241	428 348 221	406 327 202	450	1,2263	7,2	4,8	400
KLT (KLTM) 900.450 **KRT (KRTM) 900.450**	900	450 445	420 (50) 415 (50)	75/65 70/55 55/45	416 346 236	388 319 211	369 301 195	351 284 179	333 266 163	369	1,2489	6,6	4,5	300
KLT (KLTM) 900.500 **KRT (KRTM) 900.500**	900	500 495	470 (50) 465 (50)	75/65 70/55 55/45	456 380 260	425 350 232	405 331 214	385 311 197	365 292 179	405	1,2463	7,1	4,8	300
KLT (KLTM) 900.600 **KRT (KRTM) 900.600**	900	600 595	570 (50) 565 (50)	75/65 70/55 55/45	535 446 305	499 411 273	475 388 252	452 366 231	428 343 211	475	1,2412	8,2	5,5	400
KLT (KLTM) 900.750 **KRT (KRTM) 900.750**	900	750 745	720 (50) 715 (50)	75/65 70/55 55/45	651 544 373	608 501 334	579 474 308	551 446 283	522 419 258	579	1,2334	9,7	6,6	500
KLT (KLTM) 1220.450 **KRT (KRTM) 1220.450**	1220	450 445	420 (50) 415 (50)	75/65 70/55 55/45	568 473 322	529 435 288	504 411 265	479 387 243	454 363 222	504	1,2549	8,8	6,1	400
KLT (KLTM) 1220.500 **KRT (KRTM) 1220.500**	1220	500 495	470 (50) 465 (50)	75/65 70/55 55/45	623 519 354	581 478 316	553 451 292	525 425 267	498 399 244	553	1,2532	9,5	6,5	500
KLT (KLTM) 1220.600 **KRT (KRTM) 1220.600**	1220	600 595	570 (50) 565 (50)	75/65 70/55 55/45	732 610 416	683 562 372	650 531 343	618 499 315	586 469 287	650	1,2499	10,9	7,4	600
KLT (KLTM) 1220.750 **KRT (KRTM) 1220.750**	1220	750 745	720 (50) 715 (50)	75/65 70/55 55/45	891 742 507	831 684 454	791 646 419	752 608 384	713 571 350	791	1,2448	13,0	8,8	700
KLT (KLTM) 1500.450 **KRT (KRTM) 1500.450**	1500	450 445	420 (50) 415 (50)	75/65 70/55 55/45	706 587 400	658 541 357	626 510 329	595 480 302	564 450 275	626	1,2589	11,2	7,7	500
KLT (KLTM) 1500.500 **KRT (KRTM) 1500.500**	1500	500 495	470 (50) 465 (50)	75/65 70/55 55/45	774 644 439	722 593 392	687 560 361	653 527 331	619 495 302	687	1,2573	12,1	8,2	600
KLT (KLTM) 1500.600 **KRT (KRTM) 1500.600**	1500	600 595	570 (50) 565 (50)	75/65 70/55 55/45	911 758 517	849 698 462	808 659 426	768 620 390	728 582 356	808	1,2543	13,8	9,4	700
KLT (KLTM) 1500.750 **KRT (KRTM) 1500.750**	1500	750 745	720 (50) 715 (50)	75/65 70/55 55/45	1108 923 630	1033 851 563	984 803 520	935 756 477	887 710 435	984	1,2497	16,5	11,2	900
KLT (KLTM) 1820.450 **KRT (KRTM) 1820.450**	1820	450 445	420 (50) 415 (50)	75/65 70/55 55/45	871 724 492	811 666 439	772 629 405	733 592 371	695 555 338	772	1,2634	13,4	9,2	700
KLT (KLTM) 1820.500 **KRT (KRTM) 1820.500**	1820	500 495	470 (50) 465 (50)	75/65 70/55 55/45	956 795 541	891 732 483	848 691 445	805 650 408	763 610 372	848	1,2621	14,5	9,9	800
KLT (KLTM) 1820.600 **KRT (KRTM) 1820.600**	1820	600 595	570 (50) 565 (50)	75/65 70/55 55/45	1123 934 636	1046 860 568	996 812 523	946 764 480	897 717 437	996	1,2594	16,6	11,3	900
KLT (KLTM) 1820.750 **KRT (KRTM) 1820.750**	1820	750 745	720 (50) 715 (50)	75/65 70/55 55/45	1367 1137 775	1274 1048 693	1213 989 639	1152 931 586	1092 874 534	1213	1,2553	19,8	13,4	1000

* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1.H)}$

K_T	a	b	c_0	c_1
2,26531 x 10^{-5}	0,8842066	0,9284211	1,2280052	2,37639 x 10^{-5}

The heat output stated are valid for bottom connection and central bottom connection.

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLT 700.450 **KRT 700.450**	700	450 445	420 415	75/65	352	328	312	296	281	312	1,2638	5,0	3,4	200
				70/55	292	269	254	239	224					
				55/45	199	178	164	150	137					
KLT 700.500 **KRT 700.500**	700	500 495	470 465	75/65	385	359	342	325	308	342	1,2543	5,3	3,6	200
				70/55	321	295	279	263	246					
				55/45	219	195	180	165	151					
KLT 700.600 **KRT 700.600**	700	600 595	570 565	75/65	450	420	400	380	361	400	1,2354	6,1	4,1	300
				70/55	375	346	327	308	290					
				55/45	257	230	213	195	178					
KLT 700.750 **KRT 700.750**	700	750 745	720 715	75/65	544	509	485	462	439	485	1,2069	7,2	4,8	400
				70/55	456	421	399	376	354					
				55/45	315	283	262	241	220					
KLT 900.450 **KRT 900.450**	900	450 445	420 415	75/65	454	423	402	382	362	402	1,2699	6,6	4,5	300
				70/55	377	347	327	308	288					
				55/45	256	228	210	193	175					
KLT 900.500 **KRT 900.500**	900	500 495	470 465	75/65	496	462	440	418	396	440	1,2621	7,1	4,8	300
				70/55	412	380	358	337	316					
				55/45	281	251	231	212	193					
KLT 900.600 **KRT 900.600**	900	600 595	570 565	75/65	580	541	515	489	464	515	1,2463	8,2	5,5	400
				70/55	483	445	421	396	372					
				55/45	330	295	272	250	228					
KLT 900.750 **KRT 900.750**	900	750 745	720 715	75/65	701	655	624	594	564	624	1,2227	9,7	6,6	500
				70/55	586	541	512	482	453					
				55/45	403	362	334	307	281					
KLT 1220.450 **KRT 1220.450**	1220	450 445	420 415	75/65	620	577	549	521	493	549	1,2797	8,8	6,1	400
				70/55	514	473	446	419	393					
				55/45	348	310	286	261	238					
KLT 1220.500 **KRT 1220.500**	1220	500 495	470 465	75/65	679	632	601	571	540	601	1,2744	9,5	6,5	500
				70/55	563	518	489	459	431					
				55/45	381	340	313	287	261					
KLT 1220.600 **KRT 1220.600**	1220	600 595	570 565	75/65	793	739	703	668	633	703	1,2638	10,9	7,4	600
				70/55	659	607	572	539	505					
				55/45	448	400	369	338	308					
KLT 1220.750 **KRT 1220.750**	1220	750 745	720 715	75/65	960	895	852	810	768	852	1,2479	13,0	8,8	700
				70/55	799	737	696	655	615					
				55/45	546	488	450	413	377					
KLT 1500.450 **KRT 1500.450**	1500	450 445	420 415	75/65	771	717	682	647	613	682	1,2883	11,2	7,7	500
				70/55	638	587	553	520	487					
				55/45	431	384	353	323	294					
KLT 1500.500 **KRT 1500.500**	1500	500 495	470 465	75/65	844	786	747	709	671	747	1,2853	12,1	8,2	600
				70/55	699	643	606	570	534					
				55/45	472	421	387	355	322					
KLT 1500.600 **KRT 1500.600**	1500	600 595	570 565	75/65	987	919	874	830	786	874	1,2792	13,8	9,4	700
				70/55	818	753	710	667	626					
				55/45	554	494	455	416	379					
KLT 1500.750 **KRT 1500.750**	1500	750 745	720 715	75/65	1196	1114	1060	1006	953	1060	1,2700	16,5	11,2	900
				70/55	993	914	862	811	761					
				55/45	674	601	554	508	462					
KLT 1820.450 **KRT 1820.450**	1820	450 445	420 415	75/65	952	885	841	798	755	841	1,2981	13,4	9,2	700
				70/55	787	723	681	640	599					
				55/45	529	471	433	396	360					
KLT 1820.500 **KRT 1820.500**	1820	500 495	470 465	75/65	1042	969	921	873	827	921	1,2976	14,5	9,9	800
				70/55	862	792	746	701	656					
				55/45	580	516	475	434	394					
KLT 1820.600 **KRT 1820.600**	1820	600 595	570 565	75/65	1220	1134	1078	1022	968	1078	1,2967	16,6	11,3	900
				70/55	1009	927	873	820	768					
				55/45	679	604	556	508	462					
KLT 1820.750 **KRL 1820.750**	1820	750 745	720 715	75/65	1479	1375	1307	1240	1173	1307	1,2953	19,8	13,4	1000
				70/55	1223	1124	1059	995	932					
				55/45	823	733	674	617	560					

* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
2,88645 x 10^{-5}	0,8625333	0,9234257	1,2296735	2,46711 x 10^{-5}

The heat output stated are valid for diagonal double side connection.

KORALUX LINEAR CLASSIC, LINEAR CLASSIC - M

Technical Data

Height H	700, 900, 1220, 1500, 1820 mm
Length L	450, 500, 600, 750 mm
Depth B	30 mm
Connecting pitch (KLC)	**h = L** - 30 mm
Connecting pitch (KLCM)	50 mm
Connecting thread (KLC)	4 x G 1/2 inside
Connecting thread (KLCM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KLC)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KLCM)	A_T = 7,1 x 10^{-5} m^2
Coefficient of resistance (KLC)	ξ_T = 1,8
Coefficient of resistance (KLCM)	ξ_T = 16,0

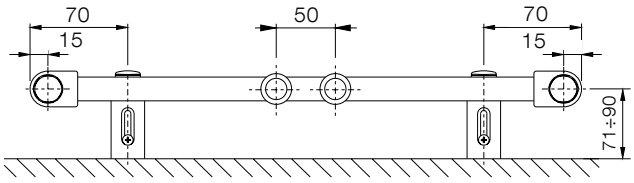
Design

KORALUX LINEAR CLASSIC (KLC) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

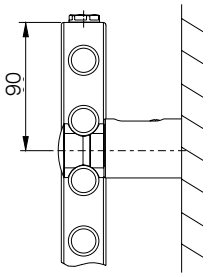
KORALUX LINEAR CLASSIC - M (KLCM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes	∅ 20 mm
Steel profile	40 x 30 mm

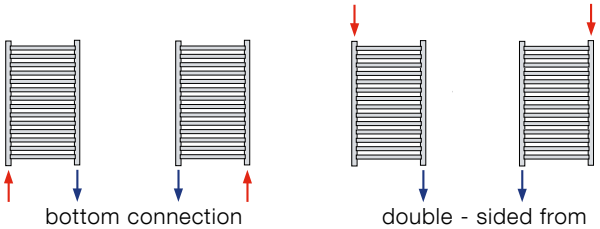
Fitting



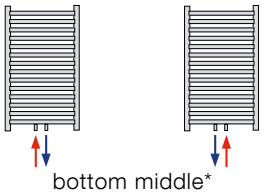
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.



Type of Connection KORALUX LINEAR CLASSIC

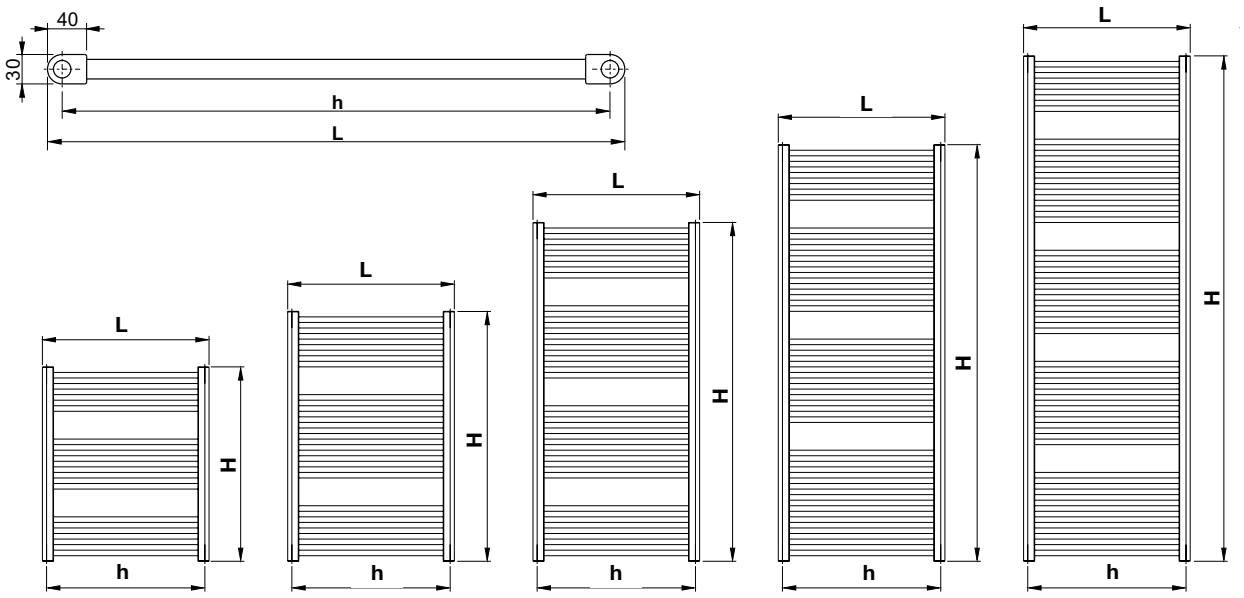


Type of Connection KORALUX LINEAR CLASSIC - M

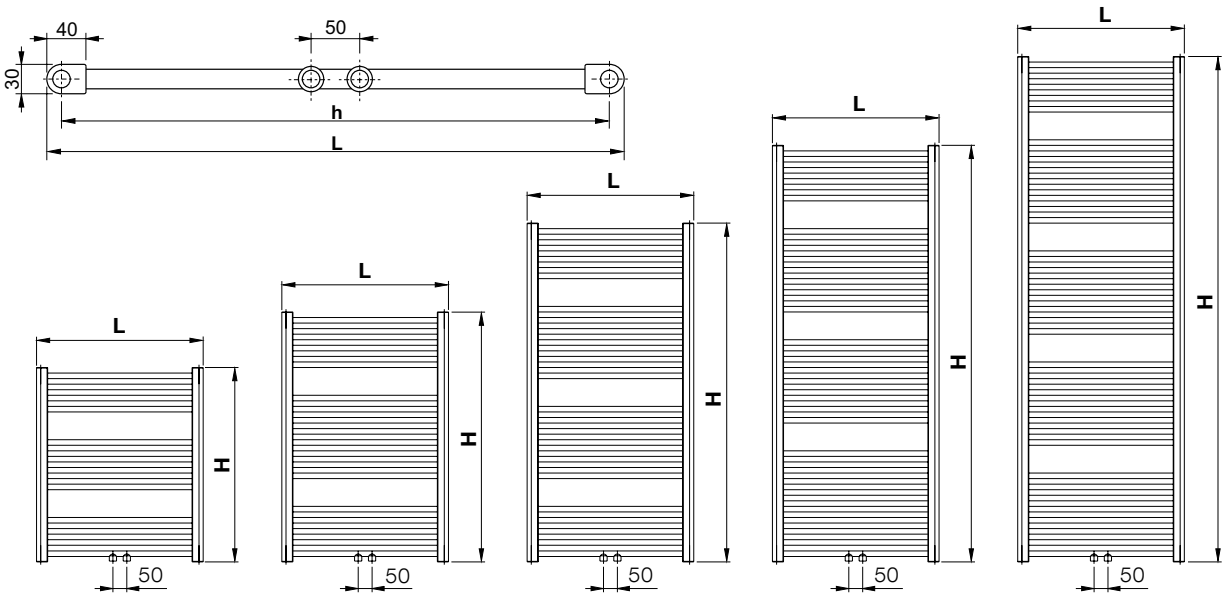


*For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX LINEAR CLASSIC



KORALUX LINEAR CLASSIC - M



KORALUX LINEAR CLASSIC - E electric radiators

Model number	Electric input P [W]	M_c [kg]
KLCE 700.600	300	8,7
KLCE 700.750	300	10,1
KLCE 900.450	300	9,6
KLCE 900.500	300	10,2
KLCE 900.600	400	11,5
KLCE 900.750	500	13,4
KLCE 1220.450	400	12,8
KLCE 1220.500	500	13,5
KLCE 1220.600	500	15,3

Model number	Electric input P [W]	M_c [kg]
KLCE 1220.750	700	17,9
KLCE 1500.450	500	16,0
KLCE 1500.500	600	17,0
KLCE 1500.600	700	19,3
KLCE 1500.750	800	22,7
KLCE 1820.450	600	19,1
KLCE 1820.500	700	20,4
KLCE 1820.600	800	23,1
KLCE 1820.750	1000	27,2

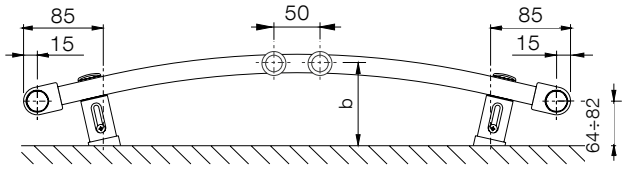
M_c = total weight of the radiator including electric heating element and filler

KORALUX RONDO CLASSIC, RONDO CLASSIC - M

Technical Data

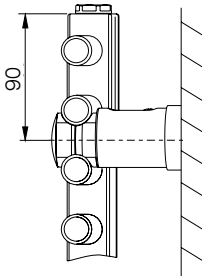
Height H	700, 900, 1220, 1500, 1820 mm
Length L	445, 495, 595, 745 mm
Depth B	54, 55, 61, 65 mm
Connecting pitch (KRC)	**h = L - 30 mm**
Connecting pitch (KRCM)	50 mm
Connecting thread (KRC)	4 x G 1/2 inside
Connecting thread (KRCM)	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KRC)	A_T = 2,1 x 10^{-4} m^2
Flow coefficient (KRCM)	A_T = 7,1 x 10^{-5} m^2
Coefficient of resistance (KRC)	ξ_T = 1,8
Coefficient of resistance (KRCM)	ξ_T = 16,0

Fitting



L [mm]	445	495	595	745
b [mm]	93 ÷ 111	94 ÷ 112	100 ÷ 118	104 ÷ 122

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



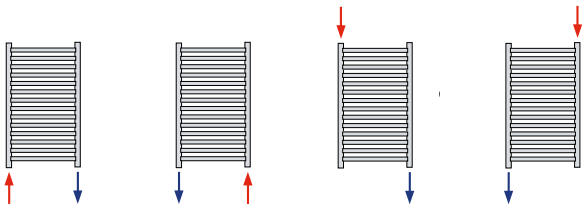
Design

KORALUX RONDO CLASSIC (KRC) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

KORALUX RONDO CLASSIC - M (KRCM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes	∅ 20 mm
Steel profile	40 x 30 mm

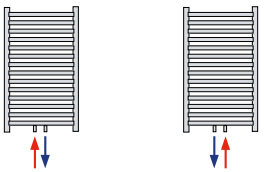
Type of Connection KORALUX RONDO CLASSIC



bottom connection

double - sided from the top down

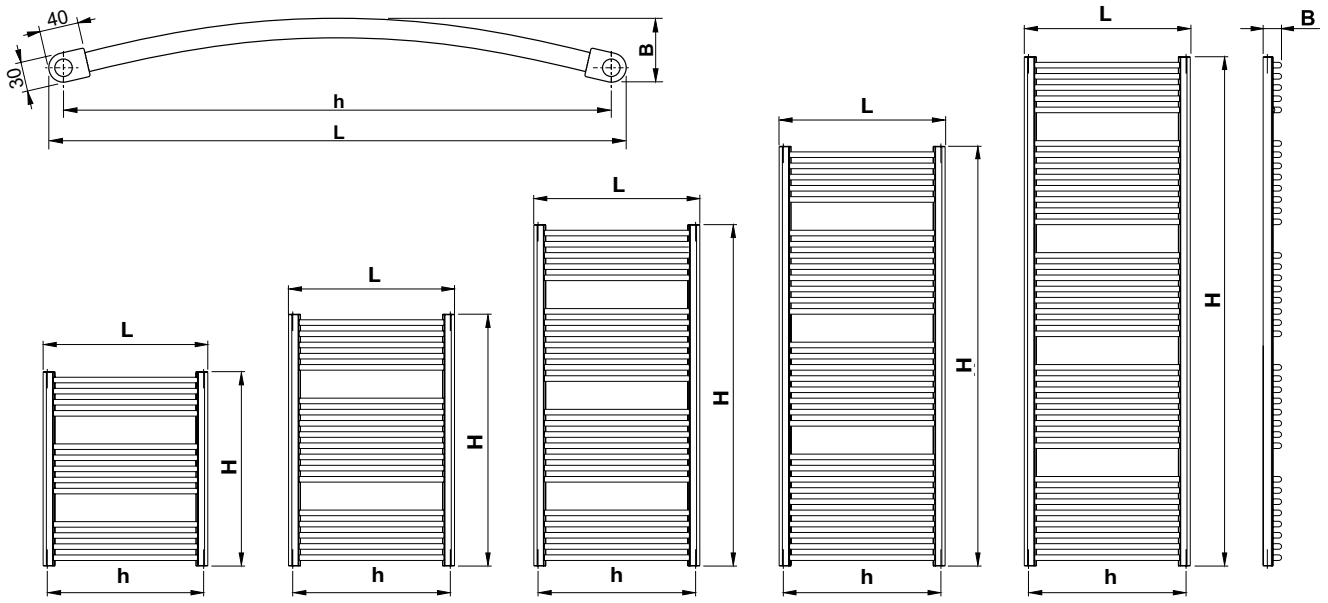
Type of Connection KORALUX RONDO CLASSIC - M



bottom middle*

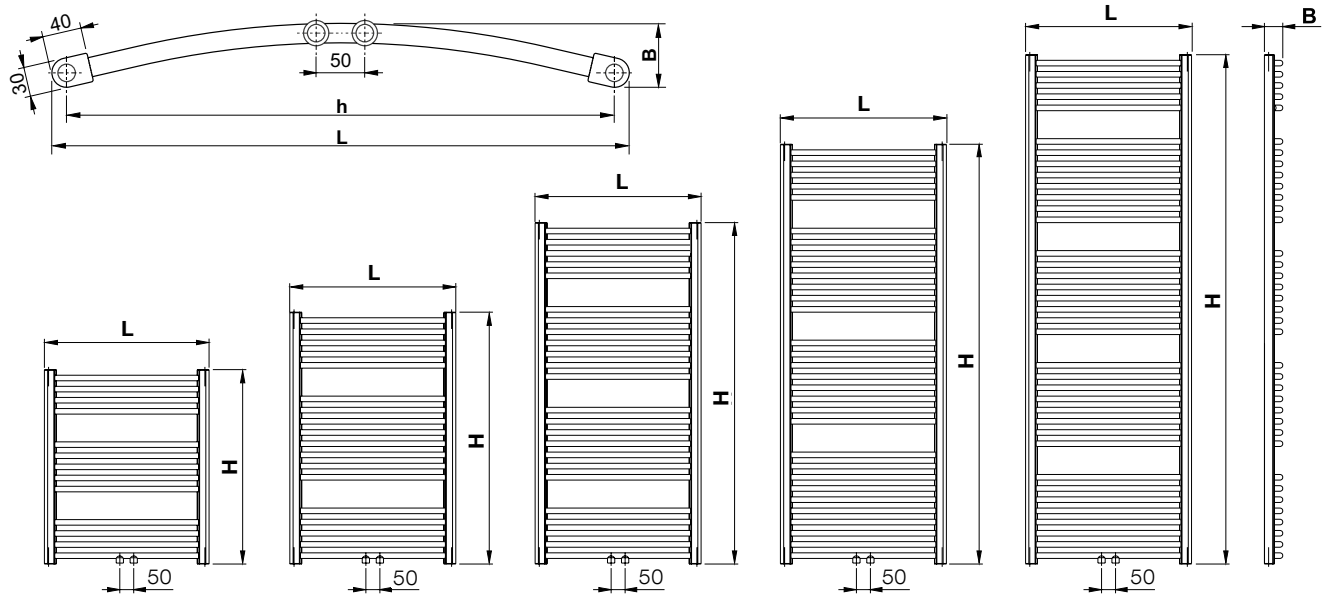
*For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX RONDO CLASSIC



KRC 700... KRC 900... KRC 1220... KRC 1500... KRC 1820...

KORALUX RONDO CLASSIC - M



KRCM 700... KRCM 900... KRCM 1220... KRCM 1500... KRCM 1820...

KORALUX RONDO CLASSIC- E electric radiators

Model number	Electric input P [W]	M_c [kg]
KRCE 700.600	300	8,7
KRCE 700.750	300	10,1
KRCE 900.450	300	9,6
KRCE 900.500	300	10,2
KRCE 900.600	400	11,5
KRCE 900.750	500	13,4
KRCE 1220.450	400	12,8
KRCE 1220.500	500	13,5
KRCE 1220.600	500	15,3

Model number	Electric input P [W]	M_c [kg]
KRCE 1220.750	700	17,9
KRCE 1500.450	500	16,0
KRCE 1500.500	600	17,0
KRCE 1500.600	700	19,3
KRCE 1500.750	800	22,7
KRCE 1820.450	600	19,1
KRCE 1820.500	700	20,4
KRCE 1820.600	800	23,1
KRCE 1820.750	1000	27,2

M_c = total weight of the radiator including electric heating element and filler

KORALUX LINEAR CLASSIC, LINEAR CLASSIC - M
KORALUX RONDO CLASSIC, RONDO CLASSIC - M

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLC (KLCM) 700.450 **KRC (KRCM) 700.450**	700	450 445	420 (50) 415 (50)	75/65 70/55 55/45	287 239 165	268 221 148	255 209 137	243 197 126	230 185 115	255	1,2226	4,4	2,5	200
KLC (KLCM) 700.500 **KRC (KRCM) 700.500**	700	500 495	470 (50) 495 (50)	75/65 70/55 55/45	315 263 181	294 243 162	280 230 150	266 216 138	253 203 126	280	1,2226	4,7	2,7	200
KLC (KLCM) 700.600 **KRC (KRCM) 700.600**	700	600 595	570 (50) 565 (50)	75/65 70/55 55/45	370 309 213	345 285 191	329 270 176	313 254 162	297 239 148	329	1,2225	5,4	3,0	300
KLC (KLCM) 700.750 **KRC (KRCM) 700.750**	700	750 745	720 (50) 715 (50)	75/65 70/55 55/45	449 376 259	420 347 232	400 328 214	381 309 197	361 291 180	400	1,2224	6,3	3,5	300
KLC (KLCM) 900.450 **KRC (KRCM) 900.450**	900	450 445	420 (50) 415 (50)	75/65 70/55 55/45	375 313 214	350 288 192	333 272 177	317 257 163	300 241 148	333	1,2358	5,9	3,4	300
KLC (KLCM) 900.500 **KRC (KRCM) 900.500**	900	500 495	470 (50) 465 (50)	75/65 70/55 55/45	411 343 235	383 316 210	365 299 194	347 281 178	329 264 163	365	1,2347	6,3	3,6	300
KLC (KLCM) 900.600 **KRC (KRCM) 900.600**	900	600 595	570 (50) 565 (50)	75/65 70/55 55/45	482 403 276	450 372 247	429 351 229	408 331 210	387 311 192	429	1,2325	7,2	4,0	400
KLC (KLCM) 900.750 **KRC (KRCM) 900.750**	900	750 745	720 (50) 715 (50)	75/65 70/55 55/45	587 490 337	548 452 302	522 427 279	496 403 256	471 379 234	522	1,2292	8,5	4,7	500
KLC (KLCM) 1220.450 **KRC (KRCM) 1220.450**	1220	450 445	420 (50) 415 (50)	75/65 70/55 55/45	521 433 295	485 399 264	462 377 243	439 355 223	416 333 203	462	1,2568	7,9	4,5	400
KLC (KLCM) 1220.500 **KRC (KRCM) 1220.500**	1220	500 495	470 (50) 465 (50)	75/65 70/55 55/45	571 475 324	533 438 290	507 414 267	482 389 245	457 365 223	507	1,2540	8,4	4,8	500
KLC (KLCM) 1220.600 **KRC (KRCM) 1220.600**	1220	600 595	570 (50) 565 (50)	75/65 70/55 55/45	671 559 382	626 515 341	596 487 315	566 458 289	537 430 263	596	1,2484	9,6	5,4	500
KLC (KLCM) 1220.750 **KRC (KRCM) 1220.750**	1220	750 745	720 (50) 715 (50)	75/65 70/55 55/45	817 681 467	762 628 417	726 593 385	690 559 354	655 525 323	726	1,2400	11,3	6,3	700
KLC (KLCM) 1500.450 **KRC (KRCM) 1500.450**	1500	450 445	420 (50) 415 (50)	75/65 70/55 55/45	655 545 372	610 502 332	581 474 306	552 446 281	523 419 256	581	1,2521	9,9	5,7	500
KLC (KLCM) 1500.500 **KRC (KRCM) 1500.500**	1500	500 495	470 (50) 465 (50)	75/65 70/55 55/45	719 598 409	670 552 365	638 521 337	606 490 309	575 460 282	638	1,2483	10,6	6,1	600
KLC (KLCM) 1500.600 **KRC (KRCM) 1500.600**	1500	600 595	570 (50) 565 (50)	75/65 70/55 55/45	844 704 482	787 649 431	750 613 398	713 577 365	676 542 333	750	1,2408	12,1	6,9	700
KLC (KLCM) 1500.750 **KRC (KRCM) 1500.750**	1500	750 745	720 (50) 715 (50)	75/65 70/55 55/45	1026 857 589	958 791 527	913 748 487	868 705 448	824 662 409	913	1,2294	14,3	8,0	800
KLC (KLCM) 1820.450 **KRC (KRCM) 1820.450**	1820	450 445	420 (50) 415 (50)	75/65 70/55 55/45	816 680 466	761 627 416	725 592 384	689 558 353	654 524 322	725	1,2421	11,9	6,8	600
KLC (KLCM) 1820.500 **KRC (KRCM) 1820.500**	1820	500 495	470 (50) 465 (50)	75/65 70/55 55/45	895 746 511	835 688 457	795 650 422	756 612 388	717 575 354	795	1,2393	12,8	7,3	700
KLC (KLCM) 1820.600 **KRC (KRCM) 1820.600**	1820	600 595	570 (50) 565 (50)	75/65 70/55 55/45	1051 877 602	980 809 539	934 764 497	888 720 457	843 677 417	934	1,2337	14,5	8,2	800
KLC (KLCM) 1820.750 **KRC (KRCM) 1820.750**	1820	750 745	720 (50) 715 (50)	75/65 70/55 55/45	1279 1069 735	1194 987 659	1138 933 609	1082 879 559	1027 826 511	1138	1,2252	17,2	9,7	1000

* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

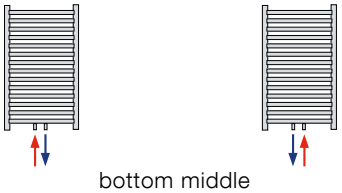
K_T	a	b	c_0	c_1
$1{,}60403 \times 10^{-5}$	0,8452976	1,0126953	1,2279575	$9{,}83047 \times 10^{-6}$

Stated heat output values apply for the illustrated types of radiator connections:

KLC, KRC

bottom connection

KLCM, KRCM



bottom middle

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_1/t_2 [°C]	Q [W] for t_1[°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLC 700.450 **KRC 700.450**	700	450 445	420 415	75/65 70/55 55/45	329 273 185	306 251 165	291 236 152	276 222 139	262 208 126	291	1,2765	4,4	2,5	200
KLC 700.500 **KRC 700.500**	700	500 495	470 465	75/65 70/55 55/45	359 298 202	334 274 181	318 259 167	302 244 153	286 228 139	318	1,2655	4,7	2,7	200
KLC 700.600 **KRC 700.600**	700	600 595	570 565	75/65 70/55 55/45	419 349 239	391 322 214	372 304 197	354 286 181	335 269 165	372	1,2435	5,4	3,0	300
KLC 700.750 **KRC 700.750**	700	750 745	720 715	75/65 70/55 55/45	504 422 292	471 390 262	449 369 242	427 348 223	406 327 203	449	1,2105	6,3	3,5	300
KLC 900.450 **KRC 900.450**	900	450 445	420 415	75/65 70/55 55/45	427 354 240	397 326 214	378 307 197	359 289 180	340 271 164	378	1,2783	5,9	3,4	300
KLC 900.500 **KRC 900.500**	900	500 495	470 465	75/65 70/55 55/45	466 387 263	434 356 234	413 336 216	392 316 198	372 296 180	413	1,2691	6,3	3,6	300
KLC 900.600 **KRC 900.600**	900	600 595	570 565	75/65 70/55 55/45	543 452 309	506 417 276	482 393 254	458 370 233	434 348 213	482	1,2509	7,2	4,0	400
KLC 900.750 **KRC 900.750**	900	750 745	720 715	75/65 70/55 55/45	655 548 377	612 506 338	583 478 312	555 451 287	526 423 262	583	1,2235	8,5	4,7	500
KLC 1220.450 **KRC 1220.450**	1220	450 445	420 415	75/65 70/55 55/45	586 486 329	546 447 293	519 421 270	493 396 247	466 371 225	519	1,2811	7,9	4,5	400
KLC 1220.500 **KRC 1220.500**	1220	500 495	470 465	75/65 70/55 55/45	640 531 360	596 489 321	567 461 296	538 433 271	510 406 246	567	1,2749	8,4	4,8	500
KLC 1220.600 **KRC 1220.600**	1220	600 595	570 565	75/65 70/55 55/45	747 620 422	696 571 377	662 539 347	629 507 318	596 476 290	662	1,2627	9,6	5,4	500
KLC 1220.750 **KRC 1220.750**	1220	750 745	720 715	75/65 70/55 55/45	900 750 513	839 691 459	799 653 423	759 615 388	720 577 354	799	1,2442	11,3	6,3	700
KLC 1500.450 **KRC 1500.450**	1500	450 445	420 415	75/65 70/55 55/45	727 602 407	676 554 363	643 522 334	610 491 305	578 460 278	643	1,2836	9,9	5,7	500
KLC 1500.500 **KRC 1500.500**	1500	500 495	470 465	75/65 70/55 55/45	794 658 445	739 606 397	703 571 366	667 537 335	632 503 304	703	1,2800	10,6	6,1	600
KLC 1500.600 **KRC 1500.600**	1500	600 595	570 565	75/65 70/55 55/45	926 768 521	862 707 465	820 667 428	778 627 392	737 588 357	820	1,2730	12,1	6,9	700
KLC 1500.750 **KRC 1500.750**	1500	750 745	720 715	75/65 70/55 55/45	1118 929 632	1041 855 564	991 807 520	941 760 477	892 712 434	991	1,2624	14,3	8,0	800
KLC 1820.450 **KRC 1820.450**	1820	450 445	420 415	75/65 70/55 55/45	889 736 497	827 677 443	786 638 407	746 599 373	706 562 339	786	1,2864	11,9	6,8	600
KLC 1820.500 **KRC 1820.500**	1820	500 495	470 465	75/65 70/55 55/45	971 804 543	903 739 484	859 697 445	815 655 408	772 614 371	859	1,2859	12,8	7,3	700
KLC 1820.600 **KRC 1820.600**	1820	600 595	570 565	75/65 70/55 55/45	1134 939 634	1055 864 565	1003 814 520	952 765 476	901 717 433	1003	1,2848	14,5	8,2	800
KLC 1820.750 **KRC 1820.750**	1820	750 745	720 715	75/65 70/55 55/45	1369 1134 766	1274 1043 683	1211 983 629	1149 924 575	1088 866 523	1211	1,2831	17,2	9,7	1000

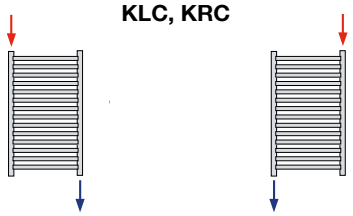
* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
1,33063 x 10^{-5}	0,8465104	1,0389605	1,2584421	1,02361 x 10^{-7}

Stated heat output values apply for the illustrated types of radiator connections:

KLC, KRC



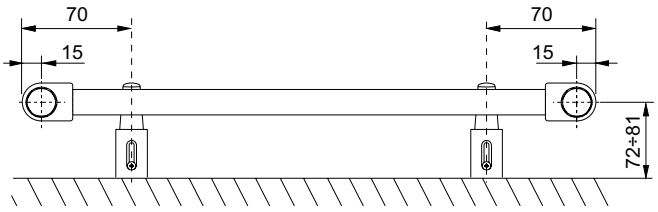
double - sided from the top down

KORALUX STANDARD

Technical Data

Height H	700, 900, 1220, 1500 mm
Length L	400, 500, 600 mm
Depth B	30 mm
Connecting pitch	**h = L** - 30 mm
Connecting thread	4 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient	A_T =1,6 x 10^{-4} m^2
Coefficient of resistance	ξ_T = 3,1

Fitting

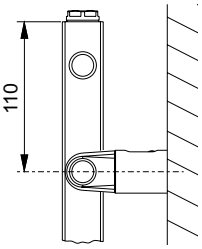


Design

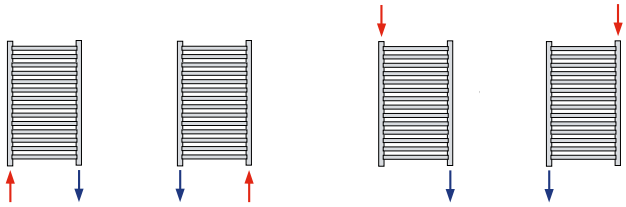
KORALUX STANDARD (KS) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

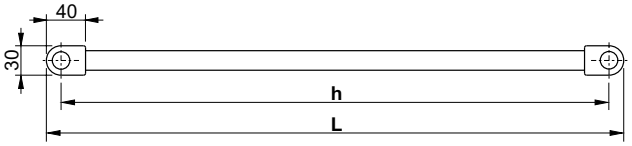
Steel tubes ∅ 20 mm
Steel profile 40 x 30 mm

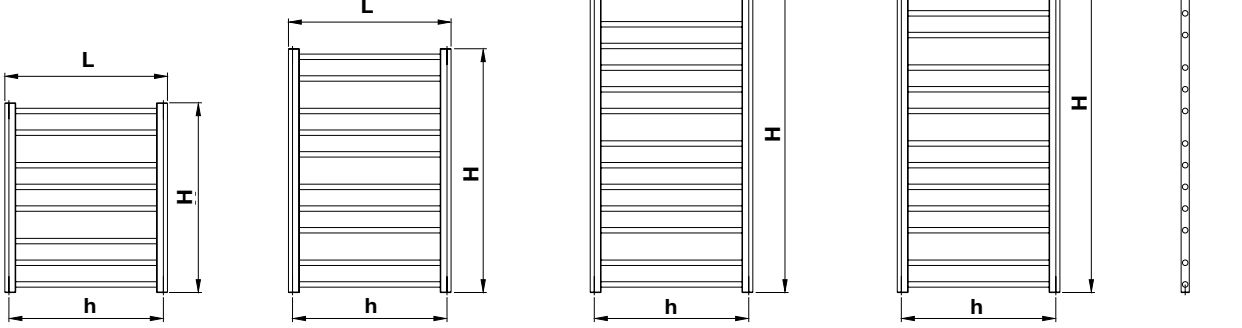
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.



Type of Connection KORALUX STANDARD







KS 700... **KS 900...** **KS 1220...** **KS 1500...**

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q_N [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KS 700.400	700	400	370	75/65	223	208	198	188	179	198	1,2347	3,3	1,9	–
				70/55	186	171	162	153	143					
				55/45	127	114	105	97	88					
KS 700.500	700	500	470	75/65	260	242	231	220	209	231	1,2278	3,7	2,1	200
				70/55	217	200	189	178	168					
				55/45	149	134	123	113	103					
KS 700.600	700	600	570	75/65	295	276	263	250	238	263	1,2209	4,1	2,3	200
				70/55	247	228	216	203	191					
				55/45	170	153	141	130	118					
KS 900.400	900	400	370	75/65	285	266	254	242	230	254	1,2153	4,2	2,5	200
				70/55	239	220	208	197	185					
				55/45	165	148	137	126	115					
KS 900.500	900	500	470	75/65	334	312	297	283	268	297	1,2219	4,7	2,7	200
				70/55	279	258	244	230	216					
				55/45	192	172	159	146	134					
KS 900.600	900	600	570	75/65	379	354	337	321	304	337	1,2285	5,2	3,0	300
				70/55	316	292	276	260	244					
				55/45	217	195	180	165	151					
KS 1220.400	1220	400	370	75/65	388	362	345	328	311	345	1,2274	5,7	3,4	300
				70/55	324	299	283	266	250					
				55/45	223	199	184	169	155					
KS 1220.500	1220	500	470	75/65	453	423	403	383	364	403	1,2341	6,4	3,7	300
				70/55	378	349	330	311	292					
				55/45	260	232	215	197	180					
KS 1220.600	1220	600	570	75/65	515	481	458	435	413	458	1,2407	7,1	4,1	400
				70/55	430	396	374	353	331					
				55/45	294	263	243	223	203					
KS 1500.400	1500	400	370	75/65	481	448	427	406	385	427	1,2423	7,0	4,1	400
				70/55	401	369	349	329	309					
				55/45	274	245	226	208	190					
KS 1500.500	1500	500	470	75/65	562	524	499	474	450	499	1,2456	7,8	4,6	400
				70/55	468	432	408	384	360					
				55/45	320	286	264	242	221					
KS 1500.600	1500	600	570	75/65	639	595	567	539	511	567	1,2489	8,6	5,0	500
				70/55	532	490	463	436	409					
				55/45	363	325	300	275	251					

* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1.H)}$

K_T	a	b	c_0	c_1
6,09652 x 10^{-5}	0,6969140	0,9191200	1,2108153	2,19842 x 10^{-5}

Stated heat output values apply for the illustrated types of radiator connections:

KS

bottom connection

KORALUX STANDARD

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q_N [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
				75/65	240	224	213	202	192					
KS 700.400	700	400	370	70/55	200	184	173	163	153	213	1,2674	3,3	1,9	–
				55/45	136	121	111	102	93					
				75/65	281	262	249	237	224					
KS 700.500	700	500	470	70/55	233	215	203	191	179	249	1,2616	3,7	2,1	200
				55/45	159	142	131	120	109					
				75/65	319	297	283	269	255					
KS 700.600	700	600	570	70/55	265	244	231	217	204	283	1,2557	4,1	2,3	200
				55/45	181	162	149	137	125					
				75/65	309	289	275	261	248					
KS 900.400	900	400	370	70/55	258	238	225	212	199	275	1,2365	4,2	2,5	200
				55/45	177	158	146	134	123					
				75/65	363	338	322	306	290					
KS 900.500	900	500	470	70/55	302	279	263	248	233	322	1,2432	4,7	2,7	200
				55/45	207	185	171	157	143					
				75/65	411	383	365	347	329					
KS 900.600	900	600	570	70/55	342	316	298	280	263	365	1,2499	5,2	3,0	300
				55/45	234	209	193	177	161					
				75/65	419	391	373	355	337					
KS 1220.400	1220	400	370	70/55	350	323	306	288	271	373	1,2274	5,7	3,4	300
				55/45	241	216	199	183	167					
				75/65	490	458	436	415	393					
KS 1220.500	1220	500	470	70/55	409	378	357	336	316	436	1,2341	6,4	3,7	300
				55/45	281	251	232	213	195					
				75/65	558	521	496	472	447					
KS 1220.600	1220	600	570	70/55	465	429	405	382	359	496	1,2407	7,1	4,1	400
				55/45	319	285	263	242	220					
				75/65	517	481	458	435	412					
KS 1500.400	1500	400	370	70/55	429	395	373	351	329	458	1,2640	7,0	4,1	400
				55/45	292	261	240	220	200					
				75/65	604	563	536	509	483					
KS 1500.500	1500	500	470	70/55	503	463	437	411	386	536	1,2568	7,8	4,6	400
				55/45	342	306	282	259	236					
				75/65	686	640	609	579	549					
KS 1500.600	1500	600	570	70/55	571	526	497	468	439	609	1,2532	8,6	5,0	500
				55/45	389	348	321	294	268					

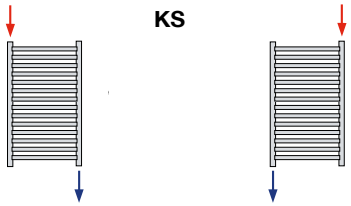
* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
$2{,}60605 \times 10^{-5}$	0,6991236	1,0406641	1,2617516	$-8{,}966688 \times 10^{-6}$

Stated heat output values apply for the illustrated types of radiator connections:

KS



double - sided from the top down

KORALUX LINEAR EXCLUSIVE - M

Technical Data

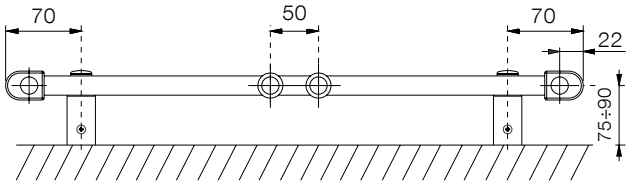
Height H	900, 1220, 1500, 1820 mm
Length L	450, 600, 750 mm
Depth B	30 mm
Connecting pitch	50 mm
Connecting thread	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient	A_T = 7,1 x 10^{-5} m^2
Coefficient of resistance	ξ_T = 16,0

Design

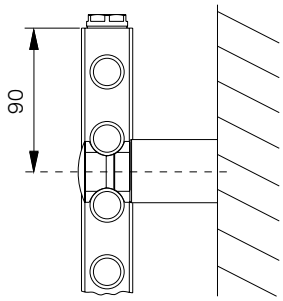
KORALUX LINEAR EXCLUSIVE - M (KLXM) is a chrome towel rail radiator modified for **bottom middle connection** with the connecting pitch of 50 mm.

Steel tubes	∅ 22 mm
Steel profile	40 x 30 mm

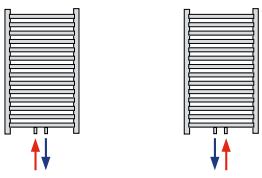
Fitting



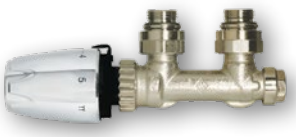
The delivered set for mounting on the wall contains 4 pcs of special plastic brackets in chrome, screws, dowel plugs and mounting instructions.



Type of Connection KORALUX LINEAR EXCLUSIVE - M



bottom middle*



* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX RONDO EXCLUSIVE - M

Technical Data

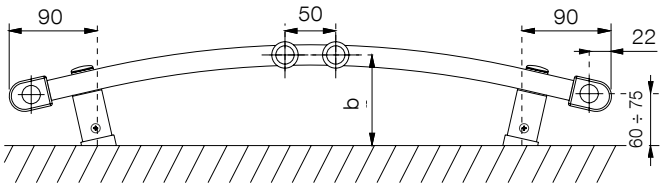
Height H	900, 1220, 1500, 1820 mm
Length L	449, 595, 745 mm
Depth B	45, 60, 75 mm
Connecting pitch	50 mm
Connecting thread	6 x G 1/2 inside
Highest allowed working pressure	10 bar
Test presure	13 bar
Maximum water temperature	110 °C
Flow coefficient	A_T = 7,1 x 10^{-5} m^2
Coefficient of resistance	ξ_T = 16,0

Design

KORALUX RONDO EXCLUSIVE - M (KRXM) is a chrome towel rail radiator modified for **bottom middle connection** with the connecting pitch of 50 mm.

Steel tubes	∅ 22 mm
Steel profile	40 x 30 mm

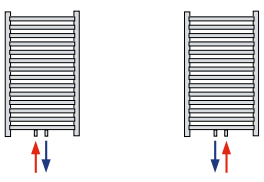
Fitting

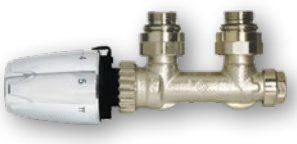


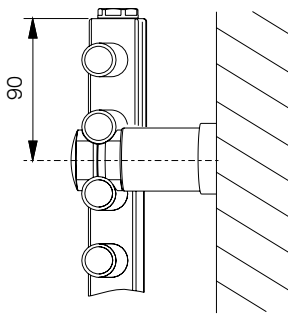
L [mm]	449	595	745
b [mm]	80 ÷ 95	90 ÷ 105	110 ÷ 125

The delivered set for mounting on the wall contains 4 pcs of special plastic brackets in chrome, screws, dowel plugs and mounting instructions.

Type of Connection KORALUX RONDO EXCLUSIVE - M

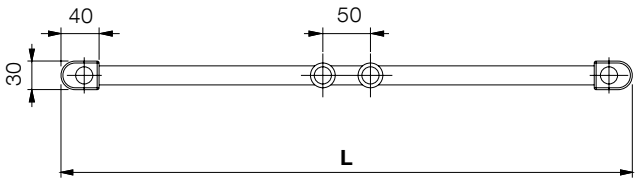


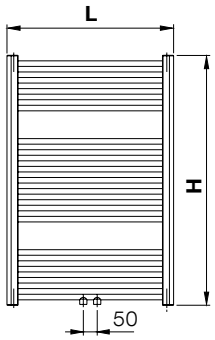




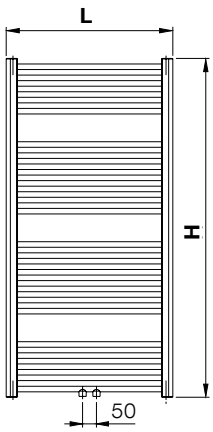
* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

KORALUX LINEAR EXCLUSIVE - M

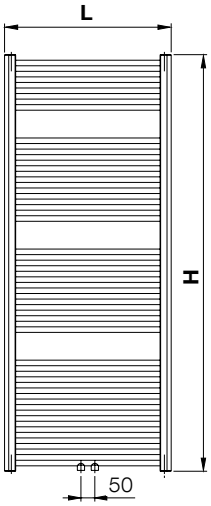




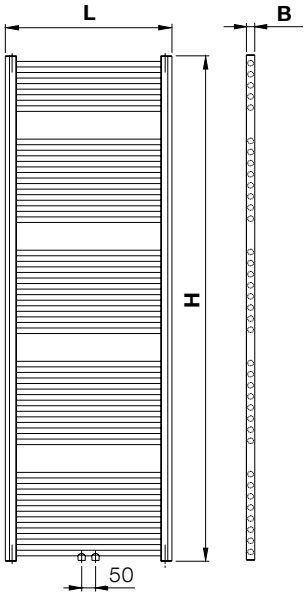
KLXM 900...



KLXM 1220...

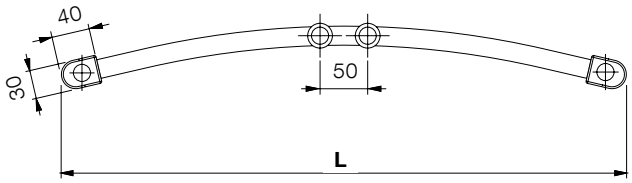


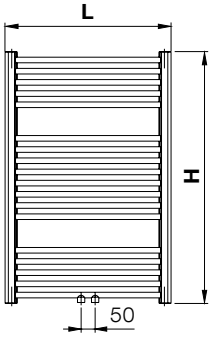
KLXM 1500...



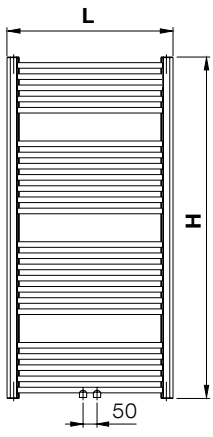
KLXM 1820...

KORALUX RONDO EXCLUSIVE - M

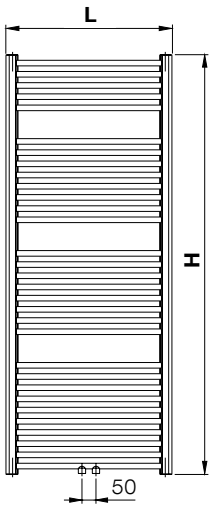




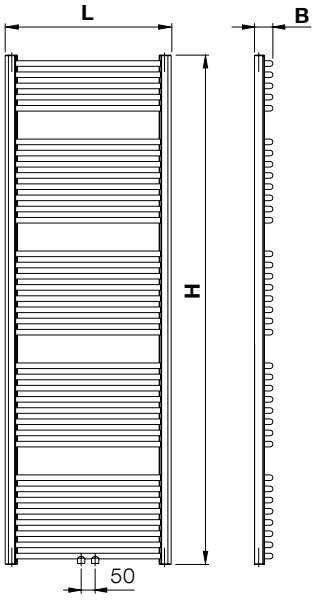
KRXM 900...



KRXM 1220...



KRXM 1500...



KRXM 1820...

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_1/t_2 [°C]	Q [W] for t_i[°C]					Nominal heat output Q_N [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLXM 900.450 **KRXM 900.450**	900	450 449	50(406) 50(405)	75/65	281	262	249	237	224	249	1,2519	5,8	3,8	200
				70/55	234	215	203	191	180					
				55/45	159	142	131	120	110					
KLXM 900.600 **KRXM 900.600**	900	600 595	50(556) 50(551)	75/65	359	335	319	303	287	319	1,2522	7,0	5,0	200
				70/55	299	276	260	245	230					
				55/45	204	182	168	154	141					
KLXM 900.750 **KRXM 900.750**	900	750 745	50(706) 50(701)	75/65	436	406	387	368	349	387	1,2526	8,2	6,3	300
				70/55	363	334	316	297	279					
				55/45	248	221	204	187	171					
KLXM 1220.450 **KRXM 1220.450**	1220	450 449	50(406) 50(405)	75/65	382	355	338	321	304	338	1,2769	8,0	5,3	300
				70/55	317	291	275	258	242					
				55/45	214	191	176	161	147					
KLXM 1220.600 **KRXM 1220.600**	1220	600 595	50(556) 50(551)	75/65	489	455	433	411	389	433	1,2710	9,6	7,0	400
				70/55	406	373	352	331	311					
				55/45	275	246	226	207	189					
KLXM 1220.750 **KRXM 1220.750**	1220	750 745	50(706) 50(701)	75/65	593	553	526	500	473	526	1,2650	11,2	8,8	400
				70/55	493	454	428	403	378					
				55/45	335	299	276	253	230					
KLXM 1500.450 **KRXM 1500.450**	1500	450 449	50(406) 50(405)	75/65	473	440	419	398	377	419	1,2660	10,0	6,5	300
				70/55	393	362	341	321	301					
				55/45	267	238	219	201	183					
KLXM 1500.600 **KRXM 1500.600**	1500	600 595	50(556) 50(551)	75/65	606	564	537	510	483	537	1,2607	12,4	8,6	400
				70/55	503	464	438	412	386					
				55/45	343	306	282	259	235					
KLXM 1500.750 **KRXM 1500.750**	1500	750 745	50(706) 50(701)	75/65	735	685	652	619	587	652	1,2553	14,7	10,8	600
				70/55	611	563	532	500	470					
				55/45	417	372	343	315	287					
KLXM 1820.450 **KRXM 1820.450**	1820	450 449	50(406) 50(405)	75/65	582	542	516	490	464	516	1,2625	12,2	7,8	400
				70/55	484	445	420	395	371					
				55/45	329	294	271	248	226					
KLXM 1820.600 **KRXM 1820.600**	1820	600 595	50(556) 50(551)	75/65	746	695	662	629	596	662	1,2563	14,9	10,4	600
				70/55	621	572	540	508	477					
				55/45	423	378	348	320	291					
KLXM 1820.750 **KRXM 1820.750**	1820	750 745	50(706) 50(701)	75/65	903	842	802	762	723	802	1,2500	17,7	13,0	700
				70/55	752	693	655	616	578					
				55/45	514	459	424	389	354					

* Stated maximum output values of the electric heating element apply for combined heating (see page 38)

Characteristic equation: $\Phi = K_T \bullet L^a \bullet H^b \bullet \Delta T^{(c_0+c_1 \cdot H)}$

K_T	a	b	c_0	c_1
$2{,}48800 \times 10^{-5}$	0,863664	0,877900	1,21760	$3{,}06600 \times 10^{-5}$

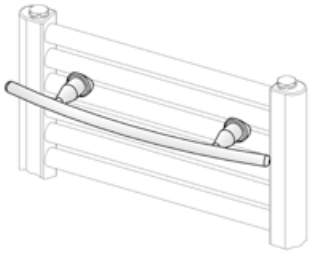
Stated heat output values apply for the illustrated types of radiator connections:

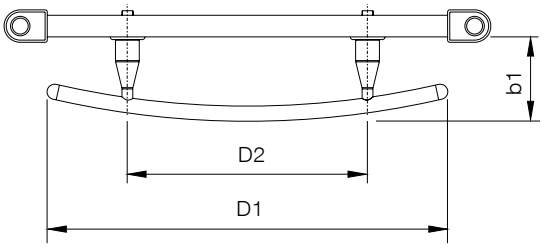
KLXM, KRXM

bottom middle

Towel hanger for KORALUX

- designed for use with all models of KORALUX towel rail radiators except for the KORALUX STANDARD model
- simple fitting and removal
- manufactured from stainless steel
- the choice of length of the hanger **D1** depends on the length of the radiator **L**
- maximum vertical load on the hanger is **50 N** (up to 5 kg)
- the set contains 1 pc of the Towel hanger for KORALUX

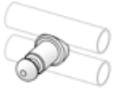


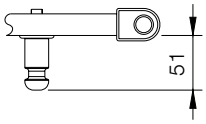


Type	D1 [mm]	D2 [mm]	b1 [mm]	Order code
Towel hanger for KORALUX 370	370	222	78	Z-D033
Towel hanger for KORALUX 518	518	370	93	Z-D034

Towel peg for KORALUX

- designed for use with all models of KORALUX towel rail radiators except for the KORALUX STANDARD model
- simple fitting and removal
- manufactured from stainless steel
- maximum vertical load on peg is **50 N** (up to 5 kg)
- the set contains 1 pc of the Towel peg for KORALUX





Type	Order code
Towel peg for KORALUX	Z-D037

COMBINED HEATING

Combined Heating

All KORALUX towel rail radiators connected to the heating system can be supplemented with electric heating element:

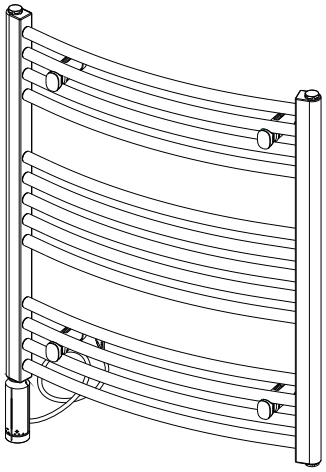
- without the integrated temperature regulator Z-KT7-XXXX-10
- with the integrated temperature regulator Z-KT7R-XXXX-XY

This way a towel rail radiator for combined heating (warmwater – electricity) is created which can be used regardless of whether the heating system is in operation.

Electric heating element

with integrated temperature regulator

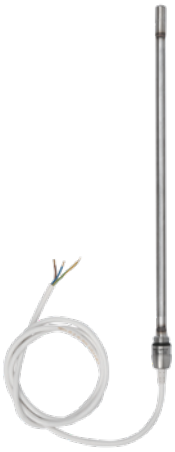
Electric heating element with the electronic controller of room air temperature. It is supplied in white or chrome colour. The electric heating element is connected to a fixed power supply by a power cable to the installation box.

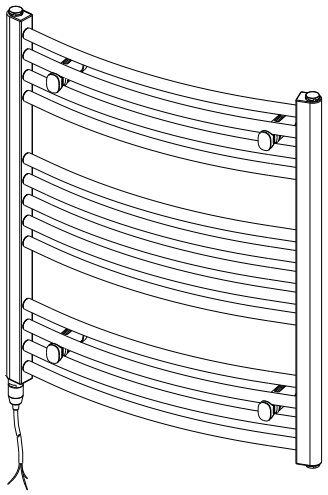


Electric heating element

without integrated temperature regulator

It is designed for connection into the mains socket using the adjusted supply cable. In this case it is necessary to order accessories depending on the required handling comfort and operation and attach it to the supply cable.





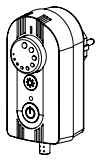
Electric Radiators

Technical Data	El. heating element EL.07 with integrated temperature regulator	El. heating element EL.07 without integrated temperature regulator
Order code	**Z-KT7R-XXXX-XY**	**Z-KT7-XXXX-10**
Switch	Yes	No
Indication of operation	Yes	No
Indication of fault condition	Yes	No
Thermostat	Yes	No
Temperature switch	Yes	Yes
Temperature limiter	Yes	Yes
Selection of operation modes	Yes	No
Rated voltage	230 V / 50 Hz	230 V / 50 Hz
Input range	200 ÷ 1 200 W	200 ÷ 1 200 W
Protection	IP 44	IP 44
Appliance class	1	1
Cable length	1,5 m	1,5 m
Connecting thread	G 1/2"	G 1/2"
Working position	Vertical model with the electric power supply at the bottom	

Accessories

Technical Data	VS1 plug	RE10A Temperature regulator
Order code	**Z-SKV-0002**	**Z-SKV-0004**
Switch	Yes	Yes
Indication of operation	Yes	Yes
Thermostat	No	Yes
Selection of operation modes	No	Yes
Rated voltage	230 V / 50 Hz	230 V / 50 Hz
Protection	IP 41	IP 20
Working position	In compliance with General Safety Regulation	Vertical model with the lead-in cable at the bottom

Illustrative pictures



RE10A

VS1

branch "T"

Warning for your safety:

- The installation and replacement of the heating element, replacement of the power cable and fitting of all electric accessories may be carried out only by a person with the required and valid professional qualification.
- The recommended (maximum) heat output values of the electric heating elements mentioned in the technical data sheet of each individual towel rail radiator KORALUX may not be exceeded.
- If the same outlet is used both for connection of the radiator to the heating system and for the installation of the electric heating element it is necessary to order the "T-branch" (article code Z-SKV-0001).
- The allowed working position is only vertical with the power cable below, that means the electric heating element may be inserted in the radiator only from below.
- The radiator may not be aerated and must be permanently connected to the heating system.
- Please study carefully the attached "Operating Instructions" where all principles and conditions of a safe operation of the radiator with combined heating are explained and highlighted clearly and demonstrably.

Description

Connection fittings HM are specifically designed for connection of panel radiators RADIK PLAN (LINE) VERTIKAL - M, i.e. radiators without valve and with bottom connection with a connecting pitch of 50 mm. They can also be used for all other KORALUX and KORATHERM radiators with the same type of connection to the heating system.

Connection fittings HM are specifically designed for connection of panel radiators RADIK PLAN (LINE) VERTIKAL - M, i.e. radiators without. It is the integrated fittings, i.e. the body of the fittings has an integrated valve and an adjustable screw connection so it is possible to disconnect the radiator from the heating system without interrupting operation. **Due to its special fittings design, the outlets for connection of inlet and return piping may be chosen freely.**

Connection fittings HM are specifically designed for connection of panel radiators RADIK PLAN (LINE) VERTIKAL - M, i.e. radiators without.The fittings enable to preset the flow rate of the radiator, its closure at the inlet and outlet and thanks to the thermostatic head also regulation of the heat output of the radiator in relation to the temperature in the heated room. The presetting level is given by the number of turns on the plug of the adjustment screw connection from the “closed” position. Presetting of the regulation level is reproducible, i.e. when the flow is closed and then opened again, there is no change in the set regulation level.

Delivery equipment

The following parts of HM fittings are delivered as standard:

- integrated fittings in straight or angular design
- thermostatic head in white or chrome
- 2x reduction G 1/2 to G 3/4 with sealing “O” ring
- 2x flat sealing pieces from EPDM rubber
- assembly and operating instructions

Subject to special request, the following can be supplied:

- universal cover for the fittings in white
- universal cover for the fittings in chrome

Use

The fittings are designed for two-pipe pressurized heating systems. They can be used for the following range of KORADO radiators:

Product range	Radiator model
RADIK	RADIK PLAN VERTIKAL - M RADIK LINE VERTIKAL - M RADIK PREMIUM (for bottom connection only) RADIK PLAN PREMIUM (for bottom connection only) RADIK LINE PREMIUM (for bottom connection only)
KORALUX	KORALUX LINEAR MAX - M KORALUX LINEAR COMFORT - M KORALUX LINEAR CLASSIC - M KORALUX LINEAR EXCLUSIVE - M
	KORALUX RONDO MAX - M KORALUX RONDO COMFORT - M KORALUX RONDO CLASSIC - M KORALUX RONDO EXCLUSIVE - M
KORATHERM	KORATHERM HORIZONTAL - M
	KORATHERM VERTIKAL - M

Note:
When using the stand brackets Z-U580, Z-U581 with radiator model KORATHERM HORIZONTAL-M it is possible to use the HM Connection Fittings from the length L = 700 mm.

Way of connection

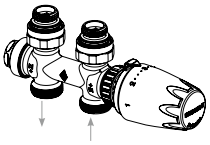
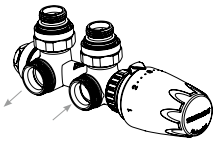
Connection to the heating system is accomplished using a G 3/4 external thread and a clamp connection can be used for copper, plastic, precision steel or multilayer pipes.

Connection of the fittings to the radiator is accomplished with the aid of a self-sealing double nipple (reduction) G 1/2 to G 3/4, which is delivered as standard.

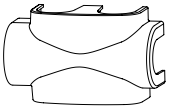
The valve on the fittings is equipped with M 30 x 1.5 external connection threading for mounting of the thermostatic head, which is delivered as standard with the HM Connection fitting.

How to order

HM FITTING

	Design	Colour of the thermostatic head	Order code
	straight	white	Z-D023
		chrome	Z-D024
	angular	white	Z-D025
		chrome	Z-D026

HM FITTING Cover

	universal	white	Z-D027
		chrome	Z-D028

INFORMATION FOR ORDERING

KORALUX LINEAR MAX
KORALUX LINEAR MAX - M

Model number		H [mm]	L [mm]	Order code
KLM	700.450	690	450	KLM-070045-00-10
KLM	700.600	690	600	KLM-070060-00-10
KLM	700.750	690	750	KLM-070075-00-10
KLM	900.450	900	450	KLM-090045-00-10
KLM	900.600	900	600	KLM-090060-00-10
KLM	900.750	900	750	KLM-090075-00-10
KLM	1220.450	1215	450	KLM-122045-00-10
KLM	1220.600	1215	600	KLM-122060-00-10
KLM	1220.750	1215	750	KLM-122075-00-10
KLM	1500.450	1495	450	KLM-150045-00-10
KLM	1500.600	1495	600	KLM-150060-00-10
KLM	1500.750	1495	750	KLM-150075-00-10
KLM	1820.450	1810	450	KLM-182045-00-10
KLM	1820.600	1810	600	KLM-182060-00-10
KLM	1820.750	1810	750	KLM-182075-00-10
KLMM	700.450	690	450	KLM-070045-00M10
KLMM	700.600	690	600	KLM-070060-00M10
KLMM	700.750	690	750	KLM-070075-00M10
KLMM	900.450	900	450	KLM-090045-00M10
KLMM	900.600	900	600	KLM-090060-00M10
KLMM	900.750	900	750	KLM-090075-00M10
KLMM	1220.450	1215	450	KLM-122045-00M10
KLMM	1220.600	1215	600	KLM-122060-00M10
KLMM	1220.750	1215	750	KLM-122075-00M10
KLMM	1500.450	1495	450	KLM-150045-00M10
KLMM	1500.600	1495	600	KLM-150060-00M10
KLMM	1500.750	1495	750	KLM-150075-00M10
KLMM	1820.450	1810	450	KLM-182045-00M10
KLMM	1820.600	1810	600	KLM-182060-00M10
KLMM	1820.750	1810	750	KLM-182075-00M10

KORALUX RONDO MAX
KORALUX RONDO MAX - M

Model number		H [mm]	L [mm]	Order code
KRM	700.450	690	445	KLM-070045-00-10
KRM	700.600	690	595	KLM-070060-00-10
KRM	700.750	690	745	KLM-070075-00-10
KRM	900.450	900	445	KLM-090045-00-10
KRM	900.600	900	595	KLM-090060-00-10
KRM	900.750	900	745	KLM-090075-00-10
KRM	1220.450	1215	445	KLM-122045-00-10
KRM	1220.600	1215	595	KLM-122060-00-10
KRM	1220.750	1215	745	KLM-122075-00-10
KRM	1500.450	1495	445	KLM-150045-00-10
KRM	1500.600	1495	595	KLM-150060-00-10
KRM	1500.750	1495	745	KLM-150075-00-10
KRM	1820.450	1810	445	KLM-182045-00-10
KRM	1820.600	1810	595	KLM-182060-00-10
KRM	1820.750	1810	745	KLM-182075-00-10
KRMM	700.450	690	445	KLM-070045-00M10
KRMM	700.600	690	595	KLM-070060-00M10
KRMM	700.750	690	745	KLM-070075-00M10
KRMM	900.450	900	445	KLM-090045-00M10
KRMM	900.600	900	595	KLM-090060-00M10
KRMM	900.750	900	745	KLM-090075-00M10
KRMM	1220.450	1215	445	KLM-122045-00M10
KRMM	1220.600	1215	595	KLM-122060-00M10
KRMM	1220.750	1215	745	KLM-122075-00M10
KRMM	1500.450	1495	445	KLM-150045-00M10
KRMM	1500.600	1495	595	KLM-150060-00M10
KRMM	1500.750	1495	745	KLM-150075-00M10
KRMM	1820.450	1810	445	KLM-182045-00M10
KRMM	1820.600	1810	595	KLM-182060-00M10
KRMM	1820.750	1810	745	KLM-182075-00M10

KORALUX LINEAR COMFORT
KORALUX LINEAR COMFORT - M

Model number		H [mm]	L [mm]	Order code
KLT	700.450	700	450	KLT-070045-00-10
KLT	700.500	700	500	KLT-070050-00-10
KLT	700.600	700	600	KLT-070060-00-10
KLT	700.750	700	750	KLT-070075-00-10
KLT	900.450	900	450	KLT-090045-00-10
KLT	900.500	900	500	KLT-090050-00-10
KLT	900.600	900	600	KLT-090060-00-10
KLT	900.750	900	750	KLT-090075-00-10
KLT	1220.450	1220	450	KLT-122045-00-10
KLT	1220.500	1220	500	KLT-122050-00-10
KLT	1220.600	1220	600	KLT-122060-00-10
KLT	1220.750	1220	750	KLT-122075-00-10
KLT	1500.450	1500	450	KLT-150045-00-10
KLT	1500.500	1500	500	KLT-150050-00-10
KLT	1500.600	1500	600	KLT-150060-00-10
KLT	1500.750	1500	750	KLT-150075-00-10
KLT	1820.450	1820	450	KLT-182045-00-10
KLT	1820.500	1820	500	KLT-182050-00-10
KLT	1820.600	1820	600	KLT-182060-00-10
KLT	1820.750	1820	750	KLT-182075-00-10
KLTM	700.450	700	450	KLT-070045-00M10
KLTM	700.500	700	500	KLT-070050-00M10
KLTM	700.600	700	600	KLT-070060-00M10
KLTM	700.750	700	750	KLT-070075-00M10
KLTM	900.450	900	450	KLT-090045-00M10
KLTM	900.500	900	500	KLT-090050-00M10
KLTM	900.600	900	600	KLT-090060-00M10
KLTM	900.750	900	750	KLT-090075-00M10
KLTM	1220.450	1220	450	KLT-122045-00M10
KLTM	1220.500	1220	500	KLT-122050-00M10
KLTM	1220.600	1220	600	KLT-122060-00M10
KLTM	1220.750	1220	750	KLT-122075-00M10
KLTM	1500.450	1500	450	KLT-150045-00M10
KLTM	1500.500	1500	500	KLT-150050-00M10
KLTM	1500.600	1500	600	KLT-150060-00M10
KLTM	1500.750	1500	750	KLT-150075-00M10
KLTM	1820.450	1820	450	KLT-182045-00M10
KLTM	1820.500	1820	500	KLT-182050-00M10
KLTM	1820.600	1820	600	KLT-182060-00M10
KLTM	1820.750	1820	750	KLT-182075-00M10

KORALUX RONDO COMFORT
KORALUX RONDO COMFORT - M

Model number		H [mm]	L [mm]	Order code
KRT	700.450	700	445	KRT-070045-00-10
KRT	700.500	700	495	KRT-070050-00-10
KRT	700.600	700	595	KRT-070060-00-10
KRT	700.750	700	745	KRT-070075-00-10
KRT	900.450	900	445	KRT-090045-00-10
KRT	900.500	900	495	KRT-090050-00-10
KRT	900.600	900	595	KRT-090060-00-10
KRT	900.750	900	745	KRT-090075-00-10
KRT	1220.450	1220	445	KRT-122045-00-10
KRT	1220.500	1220	495	KRT-122050-00-10
KRT	1220.600	1220	595	KRT-122060-00-10
KRT	1220.750	1220	745	KRT-122075-00-10
KRT	1500.450	1500	445	KRT-150045-00-10
KRT	1500.500	1500	495	KRT-150050-00-10
KRT	1500.600	1500	595	KRT-150060-00-10
KRT	1500.750	1500	745	KRT-150075-00-10
KRT	1820.450	1820	445	KRT-182045-00-10
KRT	1820.500	1820	495	KRT-182050-00-10
KRT	1820.600	1820	595	KRT-182060-00-10
KRT	1820.750	1820	745	KRT-182075-00-10
KRTM	700.450	700	445	KRT-070045-00M10
KRTM	700.500	700	495	KRT-070050-00M10
KRTM	700.600	700	595	KRT-070060-00M10
KRTM	700.750	700	745	KRT-070075-00M10
KRTM	900.450	900	445	KRT-090045-00M10
KRTM	900.500	900	495	KRT-090050-00M10
KRTM	900.600	900	595	KRT-090060-00M10
KRTM	900.750	900	745	KRT-090075-00M10
KRTM	1220.450	1220	445	KRT-122045-00M10
KRTM	1220.500	1220	495	KRT-122050-00M10
KRTM	1220.600	1220	595	KRT-122060-00M10
KRTM	1220.750	1220	745	KRT-122075-00M10
KRTM	1500.450	1500	445	KRT-150045-00M10
KRTM	1500.500	1500	495	KRT-150050-00M10
KRTM	1500.600	1500	595	KRT-150060-00M10
KRTM	1500.750	1500	745	KRT-150075-00M10
KRTM	1820.450	1820	445	KRT-182045-00M10
KRTM	1820.500	1820	495	KRT-182050-00M10
KRTM	1820.600	1820	595	KRT-182060-00M10
KRTM	1820.750	1820	745	KRT-182075-00M10

INFORMATION FOR ORDERING

KORALUX LINEAR CLASSIC
KORALUX LINEAR CLASSIC - M

Model number		H [mm]	L [mm]	Order code
KLC	700.450	700	450	KLC-070045-00-10
KLC	700.500	700	500	KLC-070050-00-10
KLC	700.600	700	600	KLC-070060-00-10
KLC	700.750	700	750	KLC-070075-00-10
KLC	900.450	900	450	KLC-090045-00-10
KLC	900.500	900	500	KLC-090050-00-10
KLC	900.600	900	600	KLC-090060-00-10
KLC	900.750	900	750	KLC-090075-00-10
KLC	1220.450	1220	450	KLC-122045-00-10
KLC	1220.500	1220	500	KLC-122050-00-10
KLC	1220.600	1220	600	KLC-122060-00-10
KLC	1220.750	1220	750	KLC-122075-00-10
KLC	1500.450	1500	450	KLC-150045-00-10
KLC	1500.500	1500	500	KLC-150050-00-10
KLC	1500.600	1500	600	KLC-150060-00-10
KLC	1500.750	1500	750	KLC-150075-00-10
KLC	1820.450	1820	450	KLC-182045-00-10
KLC	1820.500	1820	500	KLC-182050-00-10
KLC	1820.600	1820	600	KLC-182060-00-10
KLC	1820.750	1820	750	KLC-182075-00-10
KLCM	700.450	700	450	KLC-070045-00M10
KLCM	700.500	700	500	KLC-070050-00M10
KLCM	700.600	700	600	KLC-070060-00M10
KLCM	700.750	700	750	KLC-070075-00M10
KLCM	900.450	900	450	KLC-090045-00M10
KLCM	900.500	900	500	KLC-090050-00M10
KLCM	900.600	900	600	KLC-090060-00M10
KLCM	900.750	900	750	KLC-090075-00M10
KLCM	1220.450	1220	450	KLC-122045-00M10
KLCM	1220.500	1220	500	KLC-122050-00M10
KLCM	1220.600	1220	600	KLC-122060-00M10
KLCM	1220.750	1220	750	KLC-122075-00M10
KLCM	1500.450	1500	450	KLC-150045-00M10
KLCM	1500.500	1500	500	KLC-150050-00M10
KLCM	1500.600	1500	600	KLC-150060-00M10
KLCM	1500.750	1500	750	KLC-150075-00M10
KLCM	1820.450	1820	450	KLC-182045-00M10
KLCM	1820.500	1820	500	KLC-182050-00M10
KLCM	1820.600	1820	600	KLC-182060-00M10
KLCM	1820.750	1820	750	KLC-182075-00M10

KORALUX RONDO CLASSIC
KORALUX RONDO CLASSIC - M

Model number		H [mm]	L [mm]	Order code
KRC	700.450	700	445	KRC-070045-00-10
KRC	700.500	700	495	KRC-070050-00-10
KRC	700.600	700	595	KRC-070060-00-10
KRC	700.750	700	745	KRC-070075-00-10
KRC	900.450	900	445	KRC-090045-00-10
KRC	900.500	900	495	KRC-090050-00-10
KRC	900.600	900	595	KRC-090060-00-10
KRC	900.750	900	745	KRC-090075-00-10
KRC	1220.450	1220	445	KRC-122045-00-10
KRC	1220.500	1220	495	KRC-122050-00-10
KRC	1220.600	1220	595	KRC-122060-00-10
KRC	1220.750	1220	745	KRC-122075-00-10
KRC	1500.450	1500	445	KRC-150045-00-10
KRC	1500.500	1500	495	KRC-150050-00-10
KRC	1500.600	1500	595	KRC-150060-00-10
KRC	1500.750	1500	745	KRC-150075-00-10
KRC	1820.450	1820	445	KRC-182045-00-10
KRC	1820.500	1820	495	KRC-182050-00-10
KRC	1820.600	1820	595	KRC-182060-00-10
KRC	1820.750	1820	745	KRC-182075-00-10
KRCM	700.450	700	445	KRC-070045-00M10
KRCM	700.500	700	495	KRC-070050-00M10
KRCM	700.600	700	595	KRC-070060-00M10
KRCM	700.750	700	745	KRC-070075-00M10
KRCM	900.450	900	445	KRC-090045-00M10
KRCM	900.500	900	495	KRC-090050-00M10
KRCM	900.600	900	595	KRC-090060-00M10
KRCM	900.750	900	745	KRC-090075-00M10
KRCM	1220.450	1220	445	KRC-122045-00M10
KRCM	1220.500	1220	495	KRC-122050-00M10
KRCM	1220.600	1220	595	KRC-122060-00M10
KRCM	1220.750	1220	745	KRC-122075-00M10
KRCM	1500.450	1500	445	KRC-150045-00M10
KRCM	1500.500	1500	495	KRC-150050-00M10
KRCM	1500.600	1500	595	KRC-150060-00M10
KRCM	1500.750	1500	745	KRC-150075-00M10
KRCM	1820.450	1820	445	KRC-182045-00M10
KRCM	1820.500	1820	495	KRC-182050-00M10
KRCM	1820.600	1820	595	KRC-182060-00M10
KRCM	1820.750	1820	745	KRC-182075-00M10

KORALUX LINEAR EXCLUSIVE - M

Model number		H [mm]	L [mm]	Order code
KLXM	900.450	900	450	KLX-090045-00M27
KLXM	900.600	900	600	KLX-090060-00M27
KLXM	900.750	900	750	KLX-090075-00M27
KLXM	1220.450	1220	450	KLX-122045-00M27
KLXM	1220.600	1220	600	KLX-122060-00M27
KLXM	1220.750	1220	750	KLX-122075-00M27
KLXM	1500.450	1500	450	KLX-150045-00M27
KLXM	1500.600	1500	600	KLX-150060-00M27
KLXM	1500.750	1500	750	KLX-150075-00M27
KLXM	1820.450	1820	450	KLX-182045-00M27
KLXM	1820.600	1820	600	KLX-182060-00M27
KLXM	1820.750	1820	750	KLX-182075-00M27

KORALUX RONDO EXCLUSIVE - M

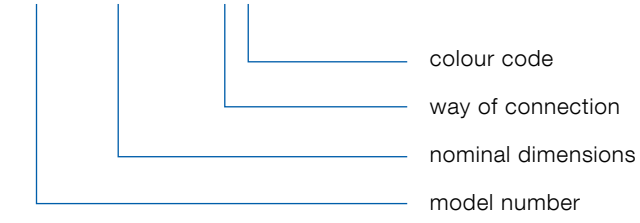
Model number		H [mm]	L [mm]	Order code
KRXM	900.450	900	449	KRX-090045-00M27
KRXM	900.600	900	595	KRX-090060-00M27
KRXM	900.750	900	745	KRX-090075-00M27
KRXM	1220.450	1220	449	KRX-122045-00M27
KRXM	1220.600	1220	595	KRX-122060-00M27
KRXM	1220.750	1220	745	KRX-122075-00M27
KRXM	1500.450	1500	449	KRX-150045-00M27
KRXM	1500.600	1500	595	KRX-150060-00M27
KRXM	1500.750	1500	745	KRX-150075-00M27
KRXM	1820.450	1820	449	KRX-182045-00M27
KRXM	1820.600	1820	595	KRX-182060-00M27
KRXM	1820.750	1820	745	KRX-182075-00M27

KORALUX STANDARD

Model number		H [mm]	L [mm]	Order code
KS	700.400	700	400	KSC-070040-00-10
KS	700.500	700	500	KSC-070050-00-10
KS	700.600	700	600	KSC-070060-00-10
KS	900.400	900	400	KSC-090040-00-10
KS	900.500	900	500	KSC-090050-00-10
KS	900.600	900	600	KSC-090060-00-10
KS	1220.400	1220	400	KSC-122040-00-10
KS	1220.500	1220	500	KSC-122050-00-10
KS	1220.600	1220	600	KSC-122060-00-10
KS	1500.400	1500	400	KSC-150040-00-10
KS	1500.500	1500	500	KSC-150050-00-10
KS	1500.600	1500	600	KSC-150060-00-10

Table for Creation of a Code

KMM-HHHLLL-00-NXY



INFORMATION FOR ORDERING

KORALUX LINEAR MAX - E
KORALUX RONDO MAX - E

Model number		H [mm]	L [mm]	Order code
KLME	700.450	690	450	KLM-070045-00E10
KLME	700.600	690	600	KLM-070060-00E10
KLME	700.750	690	750	KLM-070075-00E10
KLME	900.450	900	450	KLM-090045-00E10
KLME	900.600	900	600	KLM-090060-00E10
KLME	900.750	900	750	KLM-090075-00E10
KLME	1220.450	1215	450	KLM-122045-00E10
KLME	1220.600	1215	600	KLM-122060-00E10
KLME	1220.750	1215	750	KLM-122075-00E10
KLME	1500.450	1495	450	KLM-150045-00E10
KLME	1500.600	1495	600	KLM-150060-00E10
KLME	1500.750	1495	750	KLM-150075-00E10
KLME	1820.450	1810	450	KLM-182045-00E10
KLME	1820.600	1810	600	KLM-182060-00E10
KLME	1820.750	1810	750	KLM-182075-00E10
KRME	700.450	690	445	KRM-070045-00E10
KRME	700.600	690	595	KRM-070060-00E10
KRME	700.750	690	745	KRM-070075-00E10
KRME	900.450	900	445	KRM-090045-00E10
KRME	900.600	900	595	KRM-090060-00E10
KRME	900.750	900	745	KRM-090075-00E10
KRME	1220.450	1215	445	KRM-122045-00E10
KRME	1220.600	1215	595	KRM-122060-00E10
KRME	1220.750	1215	745	KRM-122075-00E10
KRME	1500.450	1495	445	KRM-150045-00E10
KRME	1500.600	1495	595	KRM-150060-00E10
KRME	1500.750	1495	745	KRM-150075-00E10
KRME	1820.450	1810	445	KRM-182045-00E10
KRME	1820.600	1810	595	KRM-182060-00E10
KRME	1820.750	1810	745	KRM-182075-00E10

KORALUX LINEAR CLASSIC - E
KORALUX RONDO CLASSIC - E

Model number		H [mm]	L [mm]	Order code
KLCE	700.600	700	600	KLC-070060-00E10
KLCE	700.750	700	750	KLC-070075-00E10
KLCE	900.450	900	450	KLC-090045-00E10
KLCE	900.500	900	500	KLC-090050-00E10
KLCE	900.600	900	600	KLC-090060-00E10
KLCE	900.750	900	750	KLC-090075-00E10
KLCE	1220.450	1220	450	KLC-122045-00E10
KLCE	1220.500	1220	500	KLC-122050-00E10
KLCE	1220.600	1220	600	KLC-122060-00E10
KLCE	1220.750	1220	750	KLC-122075-00E10
KLCE	1500.450	1500	450	KLC-150045-00E10
KLCE	1500.500	1500	500	KLC-150050-00E10
KLCE	1500.600	1500	600	KLC-150060-00E10
KLCE	1500.750	1500	750	KLC-150075-00E10
KLCE	1820.450	1820	450	KLC-182045-00E10
KLCE	1820.500	1820	500	KLC-182050-00E10
KLCE	1820.600	1820	600	KLC-182060-00E10
KLCE	1820.750	1820	750	KLC-182075-00E10
KRCE	700.600	700	595	KRC-070060-00E10
KRCE	700.750	700	745	KRC-070075-00E10
KRCE	900.450	900	445	KRC-090045-00E10
KRCE	900.500	900	495	KRC-090050-00E10
KRCE	900.600	900	595	KRC-090060-00E10
KRCE	900.750	900	745	KRC-090075-00E10
KRCE	1220.450	1220	445	KRC-122045-00E10
KRCE	1220.500	1220	495	KRC-122050-00E10
KRCE	1220.600	1220	595	KRC-122060-00E10
KRCE	1220.750	1220	745	KRC-122075-00E10
KRCE	1500.450	1500	445	KRC-150045-00E10
KRCE	1500.500	1500	495	KRC-150050-00E10
KRCE	1500.600	1500	595	KRC-150060-00E10
KRCE	1500.750	1500	745	KRC-150075-00E10
KRCE	1820.450	1820	445	KRC-182045-00E10
KRCE	1820.500	1820	495	KRC-182050-00E10
KRCE	1820.600	1820	595	KRC-182060-00E10
KRCE	1820.750	1820	745	KRC-182075-00E10

Combined heating - accessories

Name	Order code
„T" - branch	Z-SKV-0001
VS1 plug	Z-SKV-0002
RE10A temperature regulator	Z-SKV-0004

KORALUX LINEAR COMFORT - E
KORALUX RONDO COMFORT - E

Model number		H [mm]	L [mm]	Order code
KLTE	700.500	700	500	KLT-070050-00E10
KLTE	700.600	700	600	KLT-070060-00E10
KLTE	700.750	700	750	KLT-070075-00E10
KLTE	900.450	900	450	KLT-090045-00E10
KLTE	900.500	900	500	KLT-090050-00E10
KLTE	900.600	900	600	KLT-090060-00E10
KLTE	900.750	900	750	KLT-090075-00E10
KLTE	1220.450	1220	450	KLT-122045-00E10
KLTE	1220.500	1220	500	KLT-122050-00E10
KLTE	1220.600	1220	600	KLT-122060-00E10
KLTE	1220.750	1220	750	KLT-122075-00E10
KLTE	1500.450	1500	450	KLT-150045-00E10
KLTE	1500.500	1500	500	KLT-150050-00E10
KLTE	1500.600	1500	600	KLT-150060-00E10
KLTE	1500.750	1500	750	KLT-150075-00E10
KLTE	1820.450	1820	450	KLT-182045-00E10
KLTE	1820.500	1820	500	KLT-182050-00E10
KLTE	1820.600	1820	600	KLT-182060-00E10
KLTE	1820.750	1820	750	KLT-182075-00E10
KRTE	700.500	700	495	KRT-070050-00E10
KRTE	700.600	700	595	KRT-070060-00E10
KRTE	700.750	700	745	KRT-070075-00E10
KRTE	900.450	900	445	KRT-090045-00E10
KRTE	900.500	900	495	KRT-090050-00E10
KRTE	900.600	900	595	KRT-090060-00E10
KRTE	900.750	900	745	KRT-090075-00E10
KRTE	1220.450	1220	445	KRT-122045-00E10
KRTE	1220.500	1220	495	KRT-122050-00E10
KRTE	1220.600	1220	595	KRT-122060-00E10
KRTE	1220.750	1220	745	KRT-122075-00E10
KRTE	1500.450	1500	445	KRT-150045-00E10
KRTE	1500.500	1500	495	KRT-150050-00E10
KRTE	1500.600	1500	595	KRT-150060-00E10
KRTE	1500.750	1500	745	KRT-150075-00E10
KRTE	1820.450	1820	445	KRT-182045-00E10
KRTE	1820.500	1820	495	KRT-182050-00E10
KRTE	1820.600	1820	595	KRT-182060-00E10
KRTE	1820.750	1820	745	KRT-182075-00E10

Combined heating - Electric heating elements

Electric heating element EL.07 without integrated temperature regulator		Electric heating element EL.07 with integrated temperature regulator	
		White color	Chrome color
Output [W]	Order code	Order code	Order code
200	Z-KT7-0200-10	Z-KT7R-0200-10	Z-KT7R-0200-27
300	Z-KT7-0300-10	Z-KT7R-0300-10	Z-KT7R-0300-27
400	Z-KT7-0400-10	Z-KT7R-0400-10	Z-KT7R-0400-27
500	Z-KT7-0500-10	Z-KT7R-0500-10	Z-KT7R-0500-27
600	Z-KT7-0600-10	Z-KT7R-0600-10	Z-KT7R-0600-27
700	Z-KT7-0700-10	Z-KT7R-0700-10	Z-KT7R-0700-27
800	Z-KT7-0800-10	Z-KT7R-0800-10	Z-KT7R-0800-27
900	Z-KT7-0900-10	Z-KT7R-0900-10	Z-KT7R-0900-27
1000	Z-KT7-1000-10	Z-KT7R-1000-10	Z-KT7R-1000-27
1200	Z-KT7-1200-10	Z-KT7R-1200-10	Z-KT7R-1200-27

Table for creation of a code - electric heating elements

Z-KT7-XXXX-10

output in W

Electric heating element EL.07 without integrated temperature regulator

Z-KT7R-XXXX-XY

colour code

output in W

Electric heating element EL.07 with integrated temperature regulator

INFORMATION FOR ORDERING

KORALUX LINEAR MAX - ER
KORALUX RONDO MAX - ER

Model number		Electric input P [W]	Order code
KLMER	700.450	300	KLM-070045-00RXY
KLMER	700.600	400	KLM-070060-00RXY
KLMER	700.750	500	KLM-070075-00RXY
KLMER	900.450	300	KLM-090045-00RXY
KLMER	900.600	500	KLM-090060-00RXY
KLMER	900.750	600	KLM-090075-00RXY
KLMER	1220.450	500	KLM-122045-00RXY
KLMER	1220.600	700	KLM-122060-00RXY
KLMER	1220.750	800	KLM-122075-00RXY
KLMER	1500.450	600	KLM-150045-00RXY
KLMER	1500.600	800	KLM-150060-00RXY
KLMER	1500.750	1000	KLM-150075-00RXY
KLMER	1820.450	700	KLM-182045-00RXY
KLMER	1820.600	1000	KLM-182060-00RXY
KLMER	1820.750	1200	KLM-182075-00RXY
KRMER	700.450	300	KRM-070045-00RXY
KRMER	700.600	400	KRM-070060-00RXY
KRMER	700.750	500	KRM-070075-00RXY
KRMER	900.450	300	KRM-090045-00RXY
KRMER	900.600	500	KRM-090060-00RXY
KRMER	900.750	600	KRM-090075-00RXY
KRMER	1220.450	500	KRM-122045-00RXY
KRMER	1220.600	700	KRM-122060-00RXY
KRMER	1220.750	800	KRM-122075-00RXY
KRMER	1500.450	600	KRM-150045-00RXY
KRMER	1500.600	800	KRM-150060-00RXY
KRMER	1500.750	1000	KRM-150075-00RXY
KRMER	1820.450	700	KRM-182045-00RXY
KRMER	1820.600	1000	KRM-182060-00RXY
KRMER	1820.750	1200	KRM-182075-00RXY

KORALUX LINEAR CLASSIC - ER
KORALUX RONDO CLASSIC - ER

Model number		Electric input P [W]	Order code
KLCER	700.600	300	KLC-070060-00RXY
KLCER	700.750	300	KLC-070075-00RXY
KLCER	900.450	300	KLC-090045-00RXY
KLCER	900.500	300	KLC-090050-00RXY
KLCER	900.600	400	KLC-090060-00RXY
KLCER	900.750	500	KLC-090075-00RXY
KLCER	1220.450	400	KLC-122045-00RXY
KLCER	1220.500	500	KLC-122050-00RXY
KLCER	1220.600	500	KLC-122060-00RXY
KLCER	1220.750	700	KLC-122075-00RXY
KLCER	1500.450	500	KLC-150045-00RXY
KLCER	1500.500	600	KLC-150050-00RXY
KLCER	1500.600	700	KLC-150060-00RXY
KLCER	1500.750	800	KLC-150075-00RXY
KLCER	1820.450	600	KLC-182045-00RXY
KLCER	1820.500	700	KLC-182050-00RXY
KLCER	1820.600	800	KLC-182060-00RXY
KLCER	1820.750	1000	KLC-182075-00RXY
KRCER	700.600	300	KRC-070060-00RXY
KRCER	700.750	300	KRC-070075-00RXY
KRCER	900.450	300	KRC-090045-00RXY
KRCER	900.500	300	KRC-090050-00RXY
KRCER	900.600	400	KRC-090060-00RXY
KRCER	900.750	500	KRC-090075-00RXY
KRCER	1220.450	400	KRC-122045-00RXY
KRCER	1220.500	500	KRC-122050-00RXY
KRCER	1220.600	500	KRC-122060-00RXY
KRCER	1220.750	700	KRC-122075-00RXY
KRCER	1500.450	500	KRC-150045-00RXY
KRCER	1500.500	600	KRC-150050-00RXY
KRCER	1500.600	700	KRC-150060-00RXY
KRCER	1500.750	800	KRC-150075-00RXY
KRCER	1820.450	600	KRC-182045-00RXY
KRCER	1820.500	700	KRC-182050-00RXY
KRCER	1820.600	800	KRC-182060-00RXY
KRCER	1820.750	1000	KRC-182075-00RXY

KORALUX LINEAR COMFORT - ER
KORALUX RONDO COMFORT - ER

Model number		Electric input P [W]	Order code
KLTER	700.500	200	KLT-070050-00RXY
KLTER	700.600	300	KLT-070060-00RXY
KLTER	700.750	400	KLT-070075-00RXY
KLTER	900.450	300	KLT-090045-00RXY
KLTER	900.500	300	KLT-090050-00RXY
KLTER	900.600	400	KLT-090060-00RXY
KLTER	900.750	500	KLT-090075-00RXY
KLTER	1220.450	400	KLT-122045-00RXY
KLTER	1220.500	500	KLT-122050-00RXY
KLTER	1220.600	600	KLT-122060-00RXY
KLTER	1220.750	700	KLT-122075-00RXY
KLTER	1500.450	500	KLT-150045-00RXY
KLTER	1500.500	600	KLT-150050-00RXY
KLTER	1500.600	700	KLT-150060-00RXY
KLTER	1500.750	900	KLT-150075-00RXY
KLTER	1820.450	700	KLT-182045-00RXY
KLTER	1820.500	800	KLT-182050-00RXY
KLTER	1820.600	900	KLT-182060-00RXY
KLTER	1820.750	1000	KLT-182075-00RXY
KRTER	700.500	200	KRT-070050-00RXY
KRTER	700.600	300	KRT-070060-00RXY
KRTER	700.750	400	KRT-070075-00RXY
KRTER	900.450	300	KRT-090045-00RXY
KRTER	900.500	300	KRT-090050-00RXY
KRTER	900.600	400	KRT-090060-00RXY
KRTER	900.750	500	KRT-090075-00RXY
KRTER	1220.450	400	KRT-122045-00RXY
KRTER	1220.500	500	KRT-122050-00RXY
KRTER	1220.600	600	KRT-122060-00RXY
KRTER	1220.750	700	KRT-122075-00RXY
KRTER	1500.450	500	KRT-150045-00RXY
KRTER	1500.500	600	KRT-150050-00RXY
KRTER	1500.600	700	KRT-150060-00RXY
KRTER	1500.750	900	KRT-150075-00RXY
KRTER	1820.450	700	KRT-182045-00RXY
KRTER	1820.500	800	KRT-182050-00RXY
KRTER	1820.600	900	KRT-182060-00RXY
KRTER	1820.750	1000	KRT-182075-00RXY

Table for Creation of a Code

KMM-HHHLLL-00RXY

- colour code
- nominal dimensions
- model number:
  - **KLM** - KORALUX LINEAR MAX - ER
  - **KRM** - KORALUX RONDO MAX - ER
  - **KLT** - KORALUX LINEAR COMFORT - ER
  - **KRT** - KORALUX RONDO COMFORT - ER
  - **KLC** - KORALUX LINEAR CLASSIC - ER
  - **KRC** - KORALUX RONDO CLASSIC - ER

SVÚOM PRAGUE – INFORMATION

(I.E. STATE RESEARCH INSTITUTE FOR PROTECTION OF MATERIALS)

The below given information defines conditions for appropriate using steel radiators which are protected with final surface finish in accordance with DIN 55 900 standard. It also specifies critical locations, spaces and environment limiting their applications. KORADO, a.s. (joint-stock co.) recommends the below given advice to be strictly respected at all practical applications because this will be taken into consideration in case of judgement and evaluation of any future claims and/or complaints.

POSSIBILITIES AND LIMITATIONS FOR USING STEEL RADIATORS WITH SURFACE FINISH ACCORDING TO DIN 55 900 STANDARD:

(Explicit comment from the Prague State Research Institute for Protection of Materials)

1. REQUIREMENTS FOR SURFACE FINISH OF RADIATORS

1.1 General

The requirements concerning the surface finish of radiators are defined in German standard DIN 55 900 which bears the following title: "Surface finish of radiators. Terminology, requirements, tests. Surface finish made industrially." The said standard relates to materials which are used for surface finish of radiators and it is binding for industrially made surface finish of radiators for hot water heating and low pressure steam heating (temperature of the heat-carrying medium up to 120 °C). The object of the said standard in not surface finish of radiators

operating with temperatures exceeding 120 °C or which are to be used in spaces with aggressive and/or humid environment air. Kitchens, bathrooms etc. and places outside the reach of water shower spraying and toilets are not considered to be spaces with aggressive and/or humid environment air.

The DIN 55 900 standard is divided into 2 parts: DIN 55 900-1 defines the base paint layer for radiators, DIN 55 900-2 defines the final surface finish of radiators. The said standard specifies reguirements on paint coating materials applicable for surface finish, i.e. both their physical-mechanical properties (adhesion, impact resistance)and corrosion resistance (resistance against condensating water).

In general terms, the said standard also requires that radiators with final paint coating must be protected appropriately for and during: transportation, storage, and mounting, and it must be possible to clean the radiators surface with common detergents (non abbrasive).
The said standard is the basis for definition and assessment of the surface finish quality and for compliance with all principles therein stipulated, all of which is binding both for manufacturers and users of radiators. B reach of the scope of the standard DIN 55 900 by the user may be the cause of extinction of the producer´s quarantees.

2. QUALITATIVE DESCRIPTION OF TYPICAL ENVIRONMENTS

The qualitative description of typical environments with relevant grades of corrosivity is given in the table under the following title:
Qualitative description of typical environments for judgement of corrosivity grades:

Corrosivity grade	Corrosivity	Examples of typical interior environments
C-1	Very low	Heated spaces with relative low humidity (30 – 65 %) and with negligible uncleanliness, e.g. office premises, schools, museums, flats, hotels, shops, etc.
C-2	Low	Unsufficiently heated spaces with changeable temperature and with relative humidity exceeding 70 %. Rare occurrence of condensation and minor uncleanliness, e.g. warehouses, corridors, gym halls, etc.
C-3	Average	Spaces with average occurrence of condensation and with average uncleanliness caused by technological or other processes, e.g. food production premises, laundry plants, breweries, dairy houses, meat packing factories, etc.
C-4	High	Spaces with high occurrence of condensation and with average uncleanliness caused by technological or other processes, e.g. industrial manufacturing premises, swimming pools, bath houses, car-washing facilities, public WCs, stables, etc..
C-5	Very High	Spaces with nearly constant occurrence of condensation and/or with high uncleanliness caused by technological processes, e.g. mining premises, underground technological spaces/ rooms/halls, unaired shelters in tropical humid areas.

The radiators with surface finish complying with the DIN 55 900 standard are applicable in spaces/premises with C 1 interior air environment without limitation for a long period of service.

However, pursuant to the DIN 55 900-2 standard, the radiators must not be placed in spaces with aggressive or humid environment air (C2 – C5). Any placement of such radiators in the lower defined spaces must be considered as critical.

3. POSSIBILITIES AND LIMITATIONS FOR USING STEEL RADIATORS WITH SURFACE FINISH COMPLYING WITH DIN 55 900 STANDARD:

3.1 Spaces with possible water spray or water solutions spray

In spaces/premises with the C1 interior environment air, e.g. in flats, offices, schools and other public buildings, there are also some rooms (kitchens, bathrooms, toilets) wherein some places with corrosion activity of C2 – C5 can be found.

These are places within a direct reach of water spray or water solutions spray (e.g. places under kitchen sinks, under wash-basins, under showers, and some other places which are regularly sprayed with water). Such places are considered as spaces with humid or aggressive environment air and they are not suitable for placing radiators there even though the whole rooms in question (i.e. kitchens, bathrooms, toilets) are not considered to have aggressive or humid environment air.

That is why the guaranty claims resulting from the title of corrosion or from a change of the surface appearance cannot be applied on those radiators which are placed within reach of water spray or within reach of aggressive solutions (C2 – C5 spaces). In case it is necessary to place radiators within such a reach or in the middle of such an area, special protective measures must be applied (e.g. using zinc-coated or corrosion more resistant sheets, appropriate encasing etc.) which prevent corrosion damage of the surface finish of the radiators in question.

Radiators with surface finish complying with the DIN 55 900 standard can thus be installed in kitchens, bathrooms and toilets, provided they are located in the suitable place of the room.

3.2 Spaces which are unsufficiently air-ventilated

These are rooms (spaces with C2 interior environment air and higher) with windows which are never opened or rooms without windows where no sufficient air exchange can be achieved and maintained. In such spaces, humidity from air can often condensate on turned-off and therefore cold radiators. This condensated humidity can damage the protective coating due to corrosion or blistering.

Regular air-ventilation of the heated rooms/premises is the necessary protection of the surface finish of radiators against humidity and condensated water. It is not recommended, as a kind of protection against condensated humidity, to turn off radiators which are placed in unsufficiently air-ventilated rooms.

Using radiators complying with the surface finish according to DIN 55 900 inside bathrooms, toilets and launderettes (without windows) is possible only if air-ventilation is maintained in accordance with DIN 18 017 standard, Part 1 and Part 3, wherein hour exchanges of air volumes are defined. Analogically, requirements re. temperature-humidity microclimate are given in ČSN EN ISO 7730 standard.

If no regular air-ventilation is possible, or if no permanent air exchange can be achieved, radiators must be in continuous operation so that cooling down of such surfaces is prevented where air humidity would condensate.

Users of such unaired and humid rooms (e.g bathrooms, launderettes) must respect this fact. C losed rooms with installed radiators must be heated or air-ventilated regularly. Requirements defining air-ventilation of flats or houses are given in the following table:

Room	Air exchange rate
Kitchen	50 l/s – during operation 12 l/s – with permanent air-ventilation or with opened windows
Bathroom, toilet	25 l/s – when being used 10 l/s – with permanent air-ventilation or with opened windows
Garage a) separate b) shared	50 l/s – separate 7,5 l/s car – shared

3.3 Spaces with permanent increased humidity or aggressivity of environment air

This relates to critical rooms and premises (C2 – C5), i.e. swimming pools, saunas, public toilets, car-washing facilities, laundry plants, battery recharging workshops, various premises in chemical and food processing industries, and rooms and spaces where wet cleaning is carried out by means of low or high pressure equipment etc. The radiators complying with DIN 55 900 are not suitable for application in such premises.
If the said radiators are still to be installed into such difficult conditions, it is necessary to consult the manufacturer for the best possible placement of the radiators and to set limitations for usage of these radiators with standard surface finish. Inside the above mentioned critical premises there are usually also places with the corrossion impact of grade C1, such as offices, changing rooms, workshops, dining halls etc. wherein the radiators complying with DIN 55 900 can be applied without limitations.

4. STORING OF RADIATORS AND MOUNTING OF RADIATORS

The DIN 55 900 standard requires that radiators provided with the final surface coating must be appropriately protected for and during transportation and for storage and mounting and that it must be possible to clean the radiators surface with common detergents.
The following advice is to be respected.

4.1 Transportation

During transportation but also during storage and final mounting of radiators, it is necessary to prevent any damage of the radiator coating and/or of all covering elements. No damage caused by rain or by any aggressive impurities may occur.

4.2 Storage

Radiators provided with final surface finish must be stored at the user's in dry and well air-ventilated spaces so that no corrosion damage of the radiators surface finish occurs.

4.3 Protection of the surface finish during mounting

Mounting of the radiators is to be carried out in such a manner that the protective wrapping is removed only after all building construction jobs (e.g. floor tiling, concrete works, wall painting/ decorating and cleaning) has been finished in order to prevent any damage of radiators, especially any damage of their surface finish. The radiators can be mounted and put into operation without removing the protective wrapping.

4.4 Cleaning

Radiators with final surface finish can be cleaned with such suitable water-borne detergents which are commonly used in households without any adverse impact on the painted surface. Such detergents must neither be abrasive (they would abrade the surface) nor strongly alkaline or acidic (i.e. chemically aggressive).

QUALITY AND SAFETY, SERVICE

Quality of Towel Rail Radiators KORALUX

- **Quality management system according to ISO 9001**
  - guarantees the highest degree in achieving a permanent quality of products and all activities of KORADO, a.s. company on European as well as world-wide markets

- **Quality mark NF for the French market**
  - it is valid for the following range of towel rail radiators KORALUX

Reg. No. CERTITA	Model
5247	KORALUX LINEAR CLASSIC
5248	KORALUX RONDO CLASSIC

Towel Rail Radiators KORALUX - safety and conformity with the European directives and standards

- **European standard EN 442 for radiators**

- by using **CE mark** the producer confirms that the towel rail radiators KORALUX are in conformity with the characteristics stated in the Declaration of Performance issued in conformity with the directive of EP and the Council (EU) No. 305/2011. This conformity was approved by the notified body No.1015, Strojírenský zkušební ústav, s.p. Brno.

Service for business partners

An expert for every situation – that is one of the basic ideas of the philosophy of the company KORADO, a.s. with regard to service. The company KORADO, a.s. pays great attention to communication with its partners on the market. It offers designers, merchants, and installers of heating systems broad support and complete technical documentation and information for daily work. The goal is clear and comprehensible – to create conditions allowing individual professional groups to design, sell, and fit RADIK, KORALUX and KORATHERM radiators so that the final customer can take advantage of their features to a full extent. To fulfill this philosophy, the company KORADO, a.s. offers:

- technical catalogues for RADIK steel panel radiators, KORALUX towel rail radiators, KORATHERM design radiators, KORAMONT fitting technology catalogue
- range of brochres and information leaflets for individual models of radiators, supplements and accessories
- Internet web page **http://www.korado.com**
- e-mail **info@korado.cz**
- professional lectures at the company training center
- professional consulting at specialized exhibitions in the Czech Republic and abroad
- The up-to-date offer is available and regularly updated on www.korado.com.

COLOUR CARD

SATIN GLOSS

code 10
White RAL 9016*

code 14
Jasmine

code 35
Silber RAL 9006

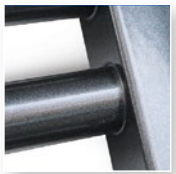
HIGH GLOSS

code 16
Bahama

code 22
Manhattan

code 26
Pergamon

code 32
Anthrazit Metallic



code 37
Red RAL 3001

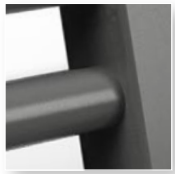
code 39
Black RAL 9005

code 45
Pearl Brown

MATTE

code 47
RAL 9007

code 48
RAL 9006



code 49
RAL 7024

code 51
RAL 7016

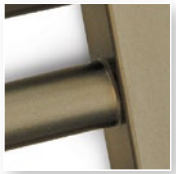
code 54
RAL 7015

code 57
RAL 7040

DEEP MATTE

code 40
Alloy Black

code 42
Gold



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 %.

NOTES

NOTES

NOTES

CE

The quality marks are valid for
the range listed on page 46.

KORADO®

KORADO, a.s.
Bří Hubálků 869
560 02 Česká Třebová
Czech Republic

e-mail: info@korado.cz
www.korado.com

Ev. č.: 06/19.11.16 EN