

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 × G 1/2" inside
Connecting thread (KLTM)	6 × G 1/2" inside
Highest allowed working pressure	10 bar
Test pressure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KLT)	$A_T = 2,1 \times 10^{-4} \text{ m}^2$
Flow coefficient (KLTM)	$A_T = 9,3 \times 10^{-5} \text{ m}^2$
Coefficient of resistance (KLT)	$\xi_T = 1,8$
Coefficient of resistance (KLTM)	$\xi_T = 9,3$

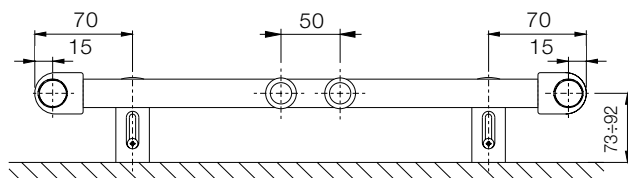
Design

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

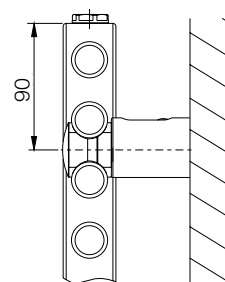
KORALUX LINEAR COMFORT - M (KLTM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 50 mm.

Steel tubes Ø 24 mm
Steel profile 41 × 35 mm

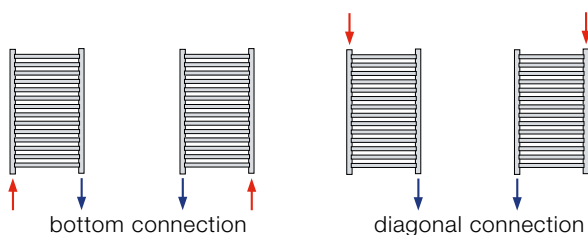
Fitting



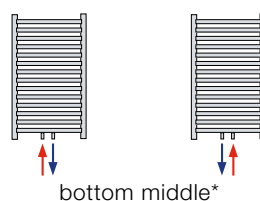
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.



Type of Connection KORALUX LINEAR COMFORT



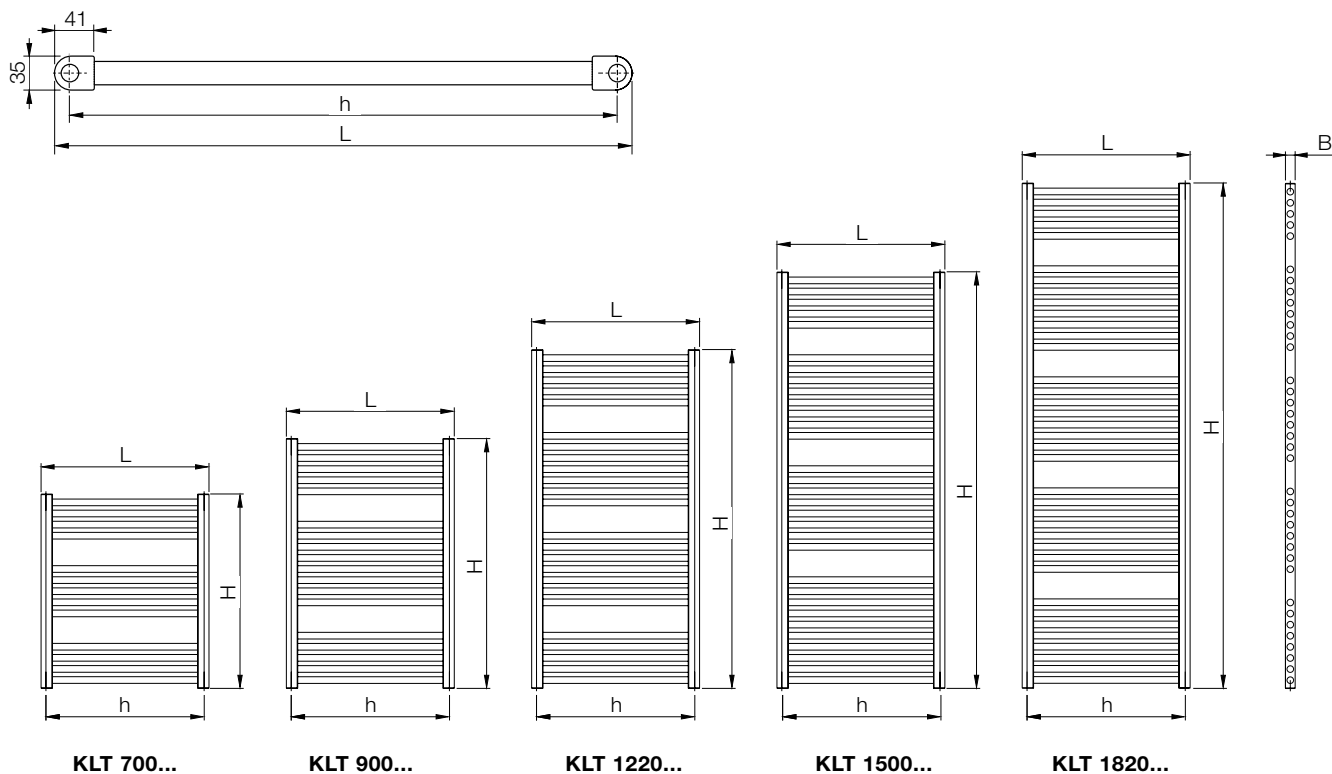
Type of Connection KORALUX LINEAR COMFORT - M



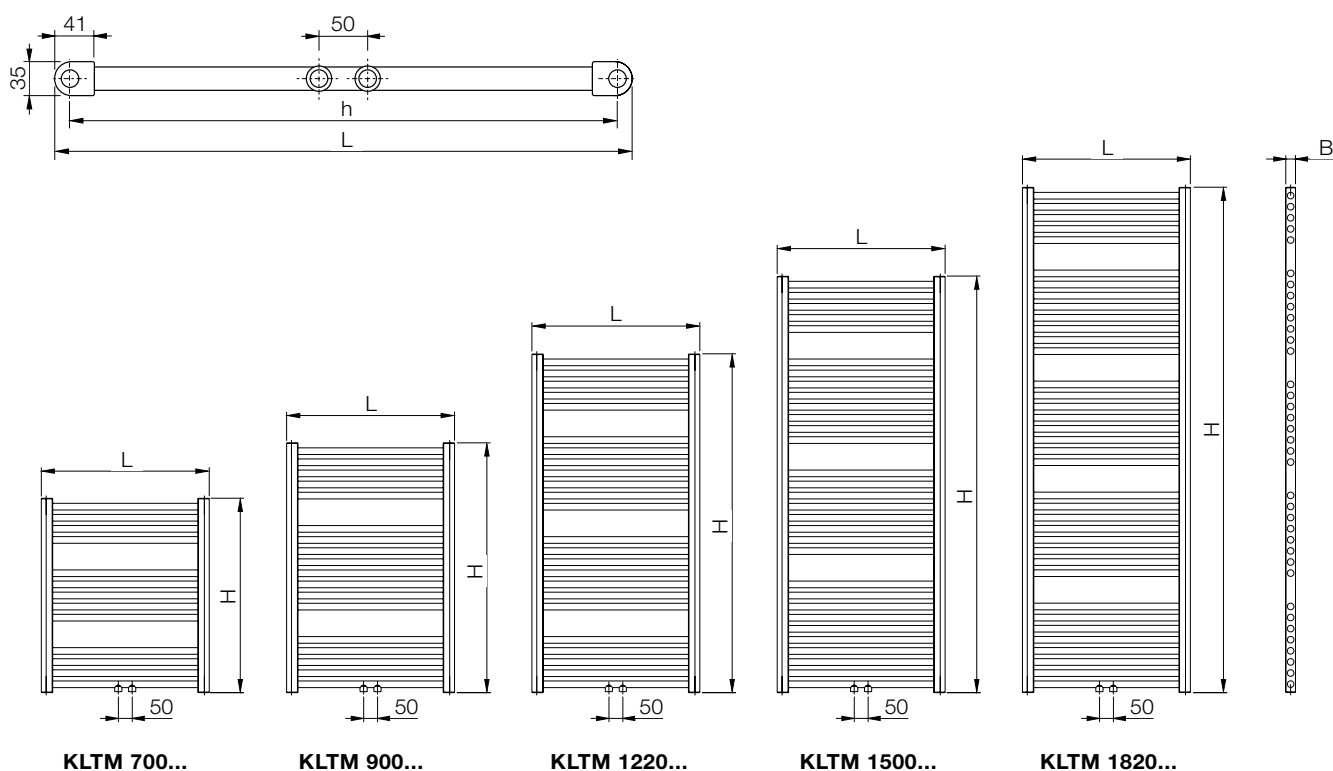
Ordering details can be found on page 46.

* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see p. 45).

The company reserves the right to make technical changes.



KORALUX LINEAR COMFORT - M



Selection of direct electric radiators: [☞ LINEAR COMFORT E - page 42](#), [☞ LINEAR COMFORT ERH - page 43](#), [☞ LINEAR COMFORT ERA - page 44](#)

KORALUX RONDO COMFORT, RONDO COMFORT - M



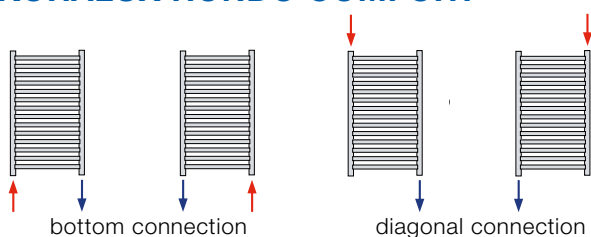
Design

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

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

Steel tubes Ø 24 mm
Steel profile 41 × 35 mm

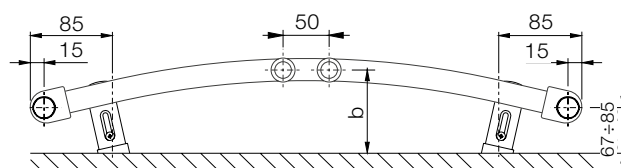
Type of Connection KORALUX RONDO COMFORT



Technical Data

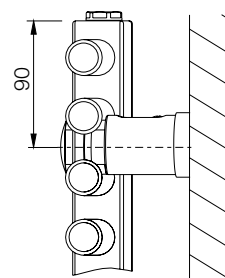
Height H	700, 900, 1220, 1500, 1820 mm
Length L	445, 495, 595, 745 mm
Depth B	59, 59, 66, 70 mm
Connecting pitch (KRT)	h = L - 30 mm
Connecting pitch (KRTM)	50 mm
Connecting thread (KRT)	4 × G 1/2" inside
Connecting thread (KRTM)	6 × G 1/2" inside
Highest allowed working pressure	10 bar
Test pressure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KRT)	A_T = 2,1 × 10⁻⁴ m²
Flow coefficient (KRTM)	A_T = 9,3 × 10⁻⁵ m²
Coefficient of resistance (KRT)	ξ_T = 1,8
Coefficient of resistance (KRTM)	ξ_T = 9,3

Fitting

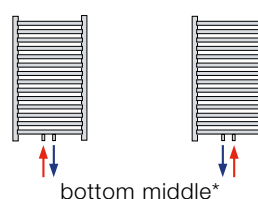


L [mm]	445	495	595	745
b [mm]	96 ÷ 114	96 ÷ 114	103 ÷ 121	104 ÷ 122

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 - M

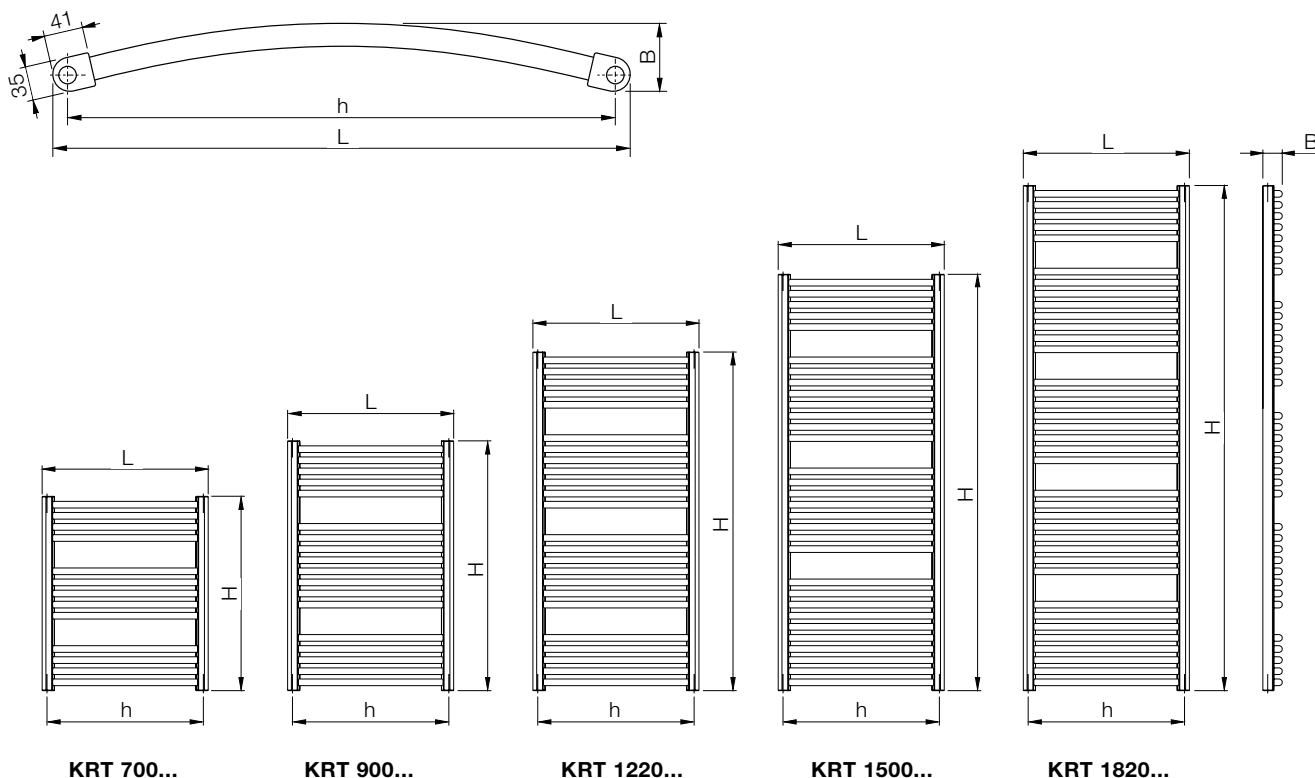


Ordering details can be found on page 46.

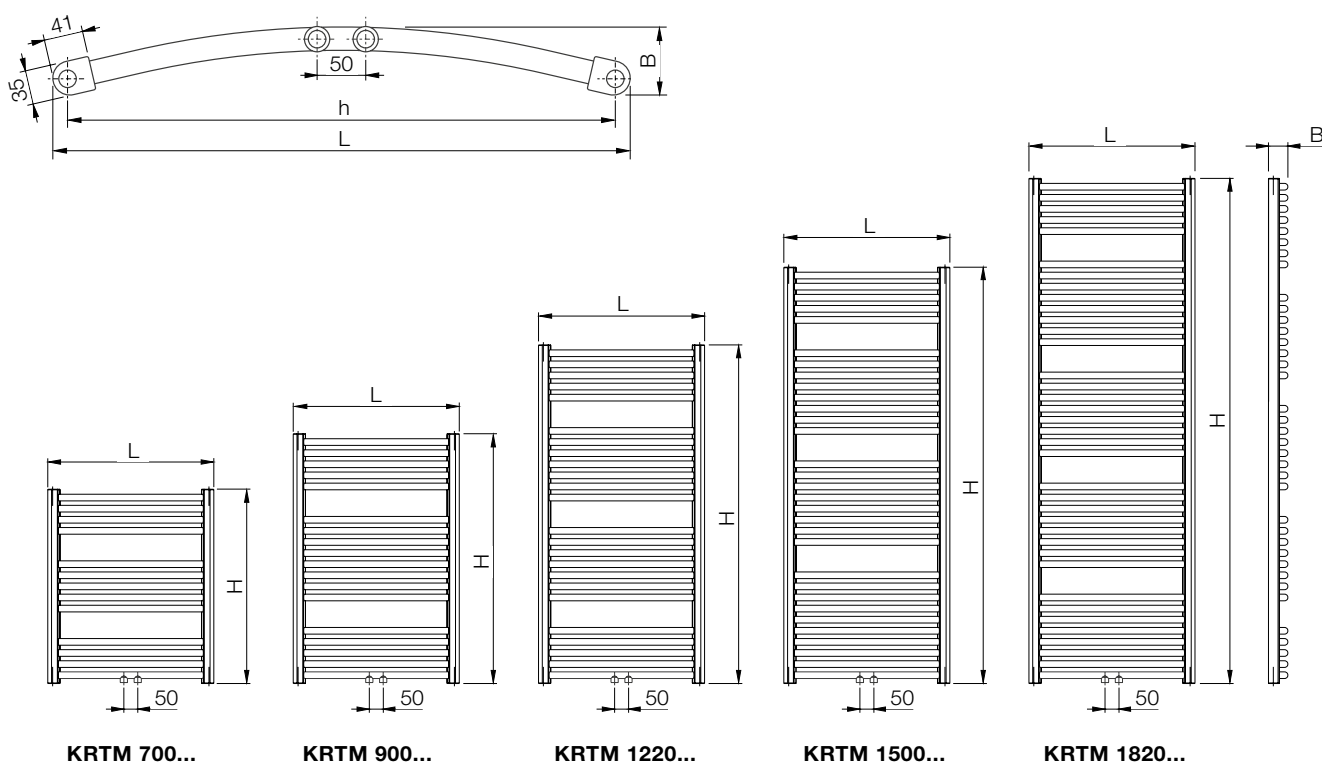
* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see p. 45).

The company reserves the right to make technical changes.

KORALUX RONDO COMFORT



KORALUX RONDO COMFORT - M



Selection of direct electric radiators: [☞ RONDO COMFORT E - page 42](#), [☞ RONDO COMFORT ERH - page 43](#), [☞ RONDO COMFORT ERA - page 44](#)

The company reserves the right to make technical changes.

KORALUX LINEAR EXCLUSIVE - M



Technical Data

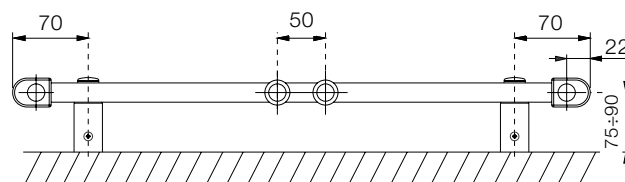
Height H	900, 1220, 1500, 1820 mm
Length L	450, 600, 750 mm
Depth B	30 mm
Connecting pitch	50 mm
Connecting thread	6 × G 1/2" inside
Highest allowed working pressure	10 bar
Test pressure	13 bar
Maximum water temperature	110 °C
Flow coefficient	$A_T = 7,1 \times 10^{-5} \text{ m}^2$
Coefficient of resistance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

Design

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

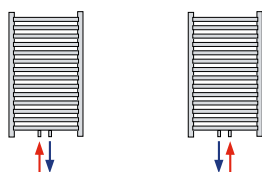
Steel tubes Ø 22 mm
Steel profile 40 × 30 mm

Fitting

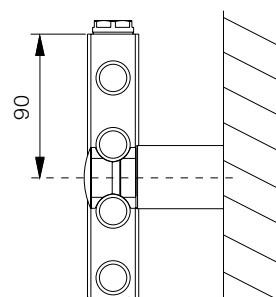


The delivered set for mounting on the wall contains 4 pcs of special plastic brackets in chrome, screws, dowel plugs and mounting instructions.

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 p. 45).

 Ordering details can be found on page 47.

KORALUX RONDO EXCLUSIVE - M



Technical Data

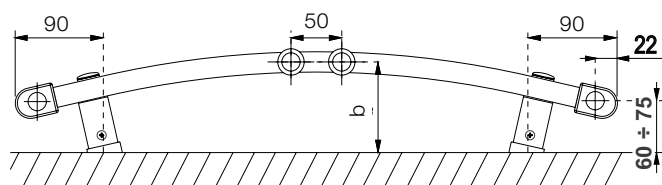
Height H	900, 1220, 1500, 1820 mm
Length L	449, 595, 745 mm
Depth B	45, 60, 75 mm
Connecting pitch	50 mm
Connecting thread	6 × G 1/2" inside
Highest allowed working pressure	10 bar
Test pressure	13 bar
Maximum water temperature	110 °C
Flow coefficient	$A_T = 7,1 \times 10^{-5} \text{ m}^2$
Coefficient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

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 Ø 22 mm
Steel profile 40 × 30 mm

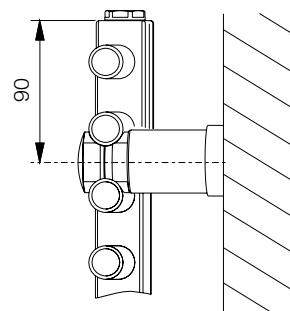
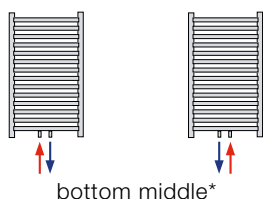
Fitting



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.

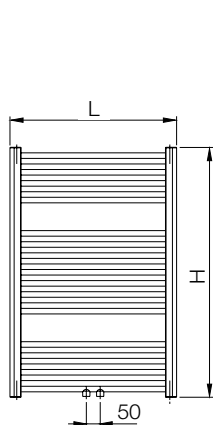
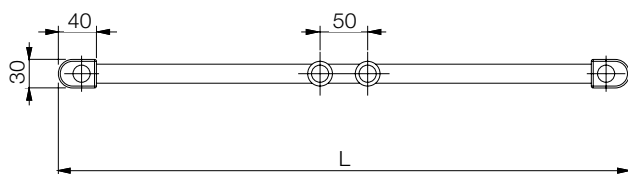
Type of Connection KORALUX RONDO EXCLUSIVE - M



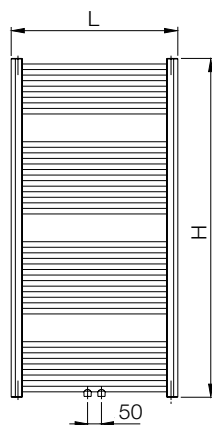
Ordering details can be found on page 47.

* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see p. 45).

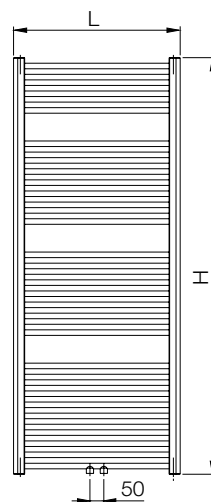
KORALUX LINEAR EXCLUSIVE - M



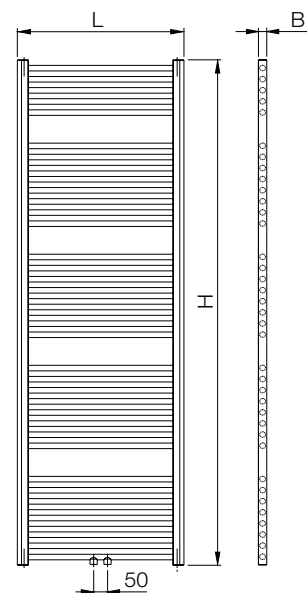
KLXM 900...



KLXM 1220...

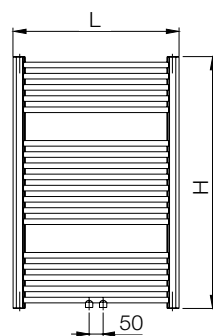
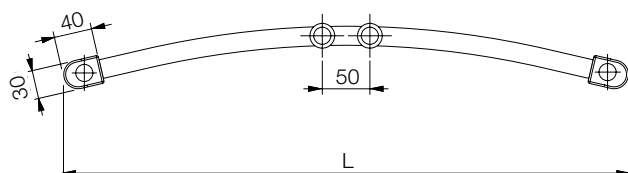


KLXM 1500...

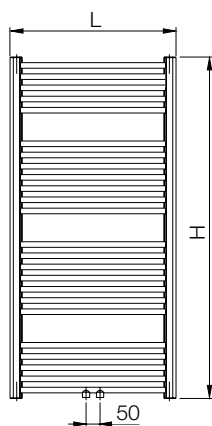


KLXM 1820...

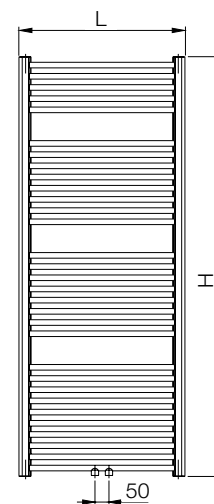
KORALUX RONDO EXCLUSIVE - M



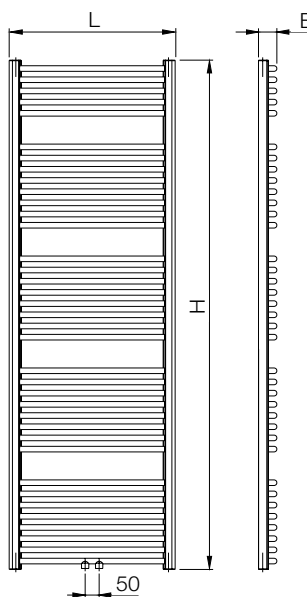
KRXM 900...



KRXM 1220...



KRXM 1500...



KRXM 1820...

KORALUX LINEAR EXCLUSIVE - M

KORALUX RONDO EXCLUSIVE - M

HEAT OUTPUT Q [W] FOR WATER
AS A HEAT-CARRYING AGENT CERTIFIED TO EN 442

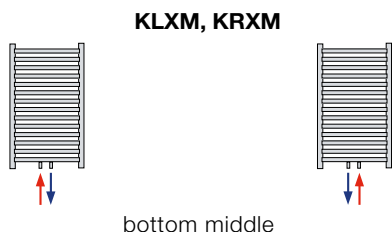
BASIC TECHNICAL PARAMETERS

Model number	H [mm]	L [mm]	h [mm]	t ₁ /t ₂ [°C]	Q [W] for t ₁ [°C]					Nominal heat output Q _n [W] (75/65/20 °C)	Tempe- rature exponent n [-]	Radiator weight M _r [kg]	Water volume V _r [l]	Max. heat output E - element Z-KTECO P [W]*	Max. heat output E - element Z-KTERH/A 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	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	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	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	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	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	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	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	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	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	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	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	800
				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 p. 38](#)

Characteristic equation: $\Phi = K_T \cdot L^a \cdot H^b \cdot \Delta T^{(c_0+c_1 \cdot H)}$	K _T	a	b	c ₀	c ₁
	2,48800 × 10 ⁻⁵	0,863664	0,877900	1,21760	3,06600 × 10 ⁻⁵

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



Q for other temperatures: [LINEAR EXCLUSIVE - M](#), [RONDO EXCLUSIVE - M](#)