

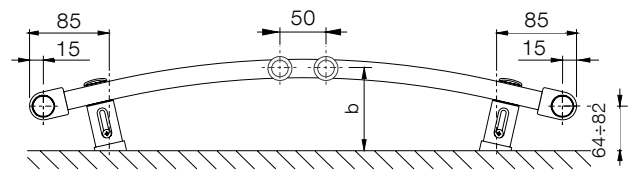
KORALUX RONDO CLASSIC, RONDO CLASSIC - M



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 pressure	13 bar
Maximum water temperature	110 °C
Flow coefficient (KRC)	$A_T = 2,1 \times 10^{-4} \text{ m}^2$
Flow coefficient (KRCM)	$A_T = 7,1 \times 10^{-5} \text{ m}^2$
Coefficient of resistance (KRC)	$\xi_T = 1,8$
Coefficient of resistance (KRCM)	$\xi_T = 16,0$

Fitting



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

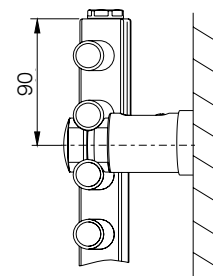
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.

Design

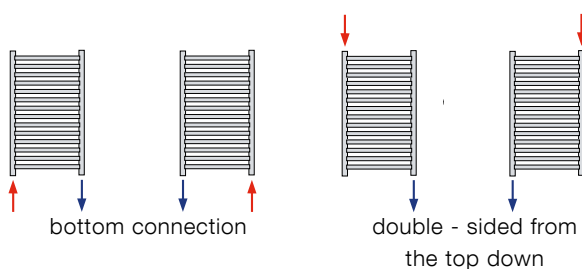
KORALUX RONDO CLASSIC (KRC) is a towel rail radiator with **bottom connection from the bottom down** with connecting pitch **h** derived from its length **L**. The design of the radiator also allows for **double sided connection from the top down**.

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

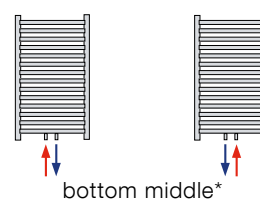
Steel tubes $\varnothing 20$ mm
Steel profile 40 x 30 mm



Type of Connection KORALUX RONDO CLASSIC



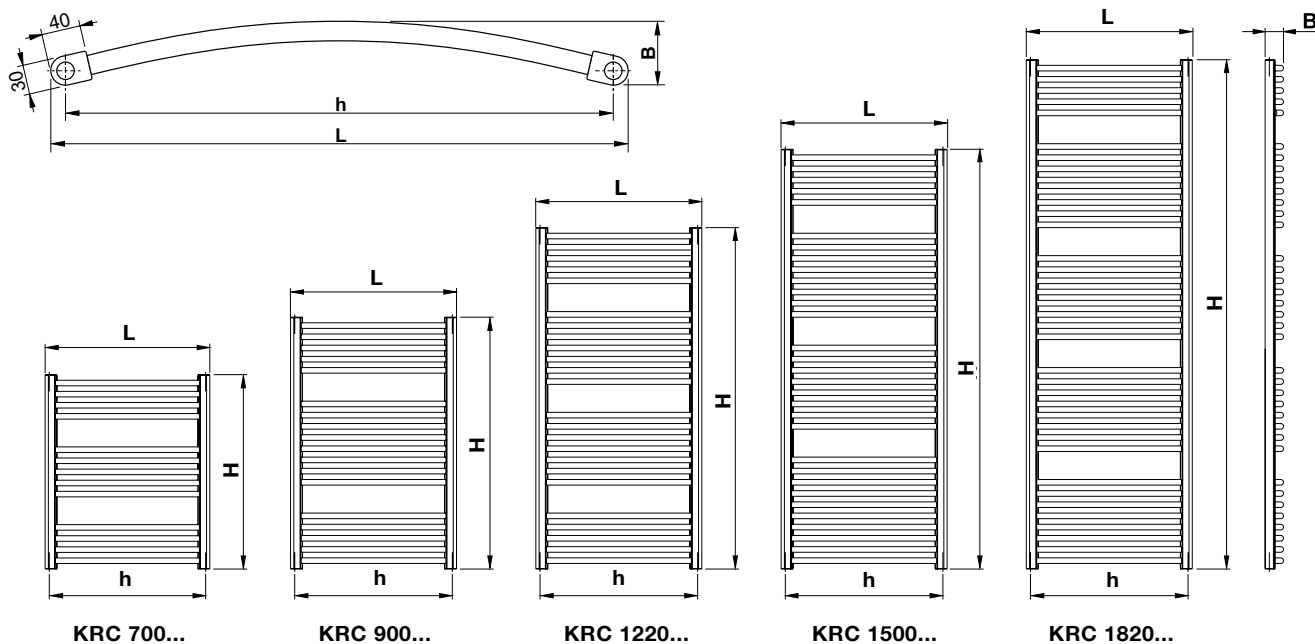
Type of Connection KORALUX RONDO CLASSIC - M



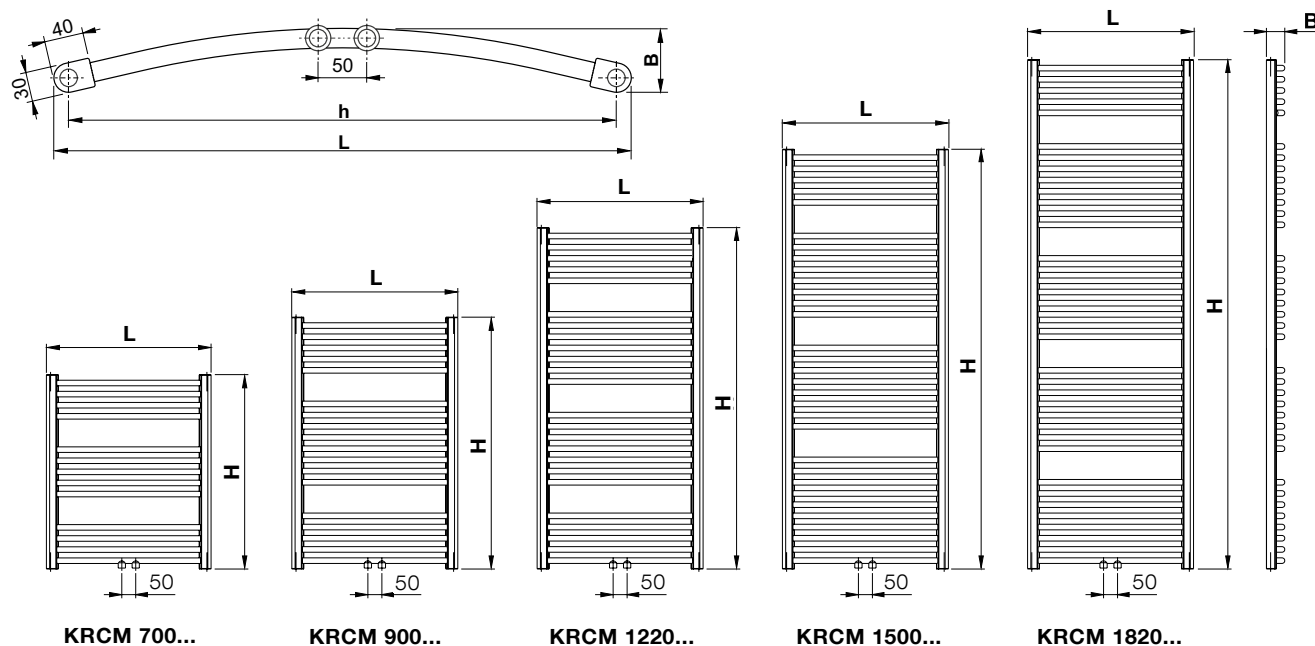
*For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head (see page 39).

The company reserves the right to make technical changes.

KORALUX RONDO CLASSIC



KORALUX RONDO CLASSIC - M



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

The company reserves the right to make technical changes.

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

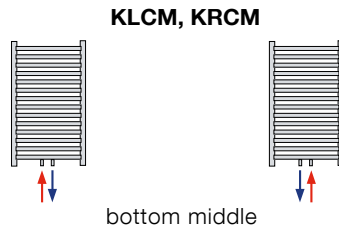
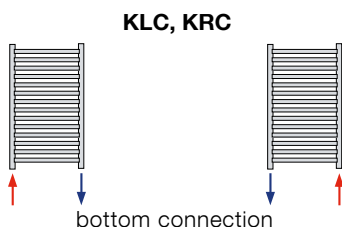
Model number	H [mm]	L [mm]	h [mm]	t ₁ /t ₂ [°C]	Q [W] for t ₁ [°C]					Nominal heat output Q [W] (75/65/20°C)	Temperature exponent n [-]	Radiator weight M _r [kg]	Water volume V _r [l]	Max. heat output E - element P [W]*
					15	18	20	22	24					
KLC (KLCM) 700.450 KRC (KRCM) 700.450	700	450 445	420 (50)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

* Stated maximum output values of the electric heating element apply for combined heating (see page 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
1,60403 x 10 ⁻⁵	0,8452976	1,0126953	1,2279575	9,83047 x 10 ⁻⁶

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



KORALUX LINEAR CLASSIC

KORALUX RONDO CLASSIC



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 _r [kg]	Water volume V _r [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	329	306	291	276	262	291	1,2765	4,4	2,5	200
70/55				273	251	236	222	208						
KLC 700.500 KRC 700.500	700	500 495	470 465	75/65	359	334	318	302	286	318	1,2655	4,7	2,7	200
70/55				298	274	259	244	228						
KLC 700.600 KRC 700.600	700	600 595	570 565	75/65	419	391	372	354	335	372	1,2435	5,4	3,0	300
70/55				349	322	304	286	269						
KLC 700.750 KRC 700.750	700	750 745	720 715	75/65	504	471	449	427	406	449	1,2105	6,3	3,5	300
70/55				422	390	369	348	327						
KLC 900.450 KRC 900.450	900	450 445	420 415	75/65	427	397	378	359	340	378	1,2783	5,9	3,4	300
70/55				354	326	307	289	271						
KLC 900.500 KRC 900.500	900	500 495	470 465	75/65	466	434	413	392	372	413	1,2691	6,3	3,6	300
70/55				387	356	336	316	296						
KLC 900.600 KRC 900.600	900	600 595	570 565	75/65	543	506	482	458	434	482	1,2509	7,2	4,0	400
70/55				452	417	393	370	348						
KLC 900.750 KRC 900.750	900	750 745	720 715	75/65	655	612	583	555	526	583	1,2235	8,5	4,7	500
70/55				548	506	478	451	423						
KLC 1220.450 KRC 1220.450	1220	450 445	420 415	75/65	586	546	519	493	466	519	1,2811	7,9	4,5	400
70/55				486	447	421	396	371						
KLC 1220.500 KRC 1220.500	1220	500 495	470 465	75/65	640	596	567	538	510	567	1,2749	8,4	4,8	500
70/55				531	489	461	433	406						
KLC 1220.600 KRC 1220.600	1220	600 595	570 565	75/65	747	696	662	629	596	662	1,2627	9,6	5,4	500
70/55				620	571	539	507	476						
KLC 1220.750 KRC 1220.750	1220	750 745	720 715	75/65	900	839	799	759	720	799	1,2442	11,3	6,3	700
70/55				750	691	653	615	577						
KLC 1500.450 KRC 1500.450	1500	450 445	420 415	75/65	727	676	643	610	578	643	1,2836	9,9	5,7	500
70/55				602	554	522	491	460						
KLC 1500.500 KRC 1500.500	1500	500 495	470 465	75/65	794	739	703	667	632	703	1,2800	10,6	6,1	600
70/55				658	606	571	537	503						
KLC 1500.600 KRC 1500.600	1500	600 595	570 565	75/65	926	862	820	778	737	820	1,2730	12,1	6,9	700
70/55				768	707	667	627	588						
KLC 1500.750 KRC 1500.750	1500	750 745	720 715	75/65	1118	1041	991	941	892	991	1,2624	14,3	8,0	800
70/55				929	855	807	760	712						
KLC 1820.450 KRC 1820.450	1820	450 445	420 415	75/65	889	827	786	746	706	786	1,2864	11,9	6,8	600
70/55				736	677	638	599	562						
KLC 1820.500 KRC 1820.500	1820	500 495	470 465	75/65	971	903	859	815	772	859	1,2859	12,8	7,3	700
70/55				804	739	697	655	614						
KLC 1820.600 KRC 1820.600	1820	600 595	570 565	75/65	1134	1055	1003	952	901	1003	1,2848	14,5	8,2	800
70/55				939	864	814	765	717						
KLC 1820.750 KRC 1820.750	1820	750 745	720 715	75/65	1369	1274	1211	1149	1088	1211	1,2831	17,2	9,7	1000
70/55				1134	1043	983	924	866						

* Stated maximum output values of the electric heating element apply for combined heating (see page 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
	$1,33063 \times 10^{-5}$	0,8465104	1,0389605	1,2584421	$1,02361 \times 10^{-7}$

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

