KORALUX LINEAR

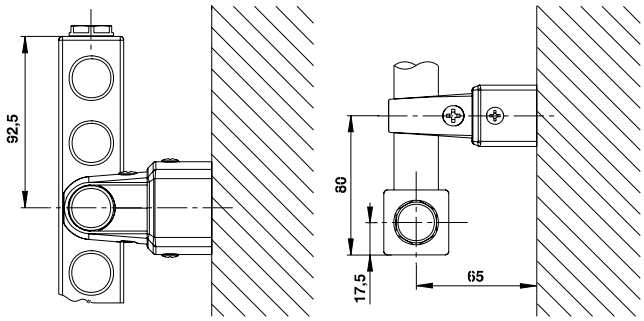
Technical data

Height **H**.....780, 1200, 1830 mm
Lenght **L** ..... 450, 600, 750, 1000 mm
Depth **B** ..... 35 mm
Connecting pitch ..... **h** = **L** - 35 mm
Connecting thread ..... 4 x G1/2 inside
Highest allowed working pressure ..... 10 bar
Test pressure..... 13 bar
Maximum water temperature .....110 ˚C
Flow coefficient ..... A_T = 1,8 . 10^{-4} m^2
Coefficient of resistance (DN 15).....ξ_T = 2,5

Construction

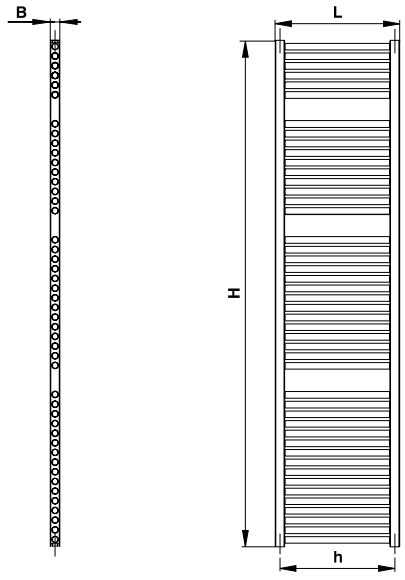
Steel round tubes	∅ 24 mm
Steel profile	35 x 35 mm

Fitting

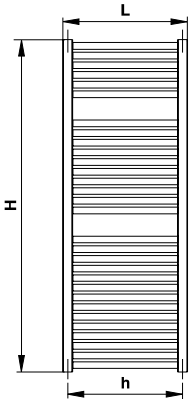


The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.

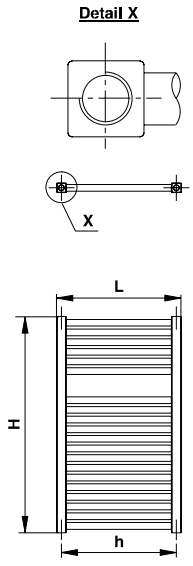
On request a special mounting set for fixing in space can be delivered which enables to fix the radiator perpendicularly to the wall. In this case the radiator is fixed both to the wall and to the floor.



KL 1830...



KL 1200...



KL 780...

KORALUX LINEAR

Model number	H [mm]	L [mm]	h [mm]	t_1/t_2 [°C]	Q [W] for t_i [°C] 15	18	20	22	24	Nominal heat output Q_N [W]	Temperature exponent n [-]	Radiator weight M_T [kg]	Water volume V_T [l]	Max. heat output E-element P [W]
KL 780.450	780	450	415	**90/70**	**486**	**457**	**438**	**420**	**401**	351	1,262	9,00	4,2	300
				70/55	327	301	283	266	249					
				55/45	223	199	183	167	152					
KL 780.600		600	565	**90/70**	**648**	**610**	**585**	**560**	**535**	468	1,262	11,55	5,2	500
				70/55	436	401	378	355	332					
				55/45	297	265	244	223	203					
KL 780.750		750	715	**90/70**	**810**	**762**	**731**	**700**	**669**	585	1,262	14,10	6,3	600
				70/55	545	501	472	444	416					
				55/45	371	331	305	279	253					
KL 780.1000		1000	965	**90/70**	**1080**	**1016**	**974**	**933**	**892**	780	1,262	18,35	8,0	600
				70/55	726	668	630	592	554					
				55/45	495	441	406	372	338					
KL 1200.450	1200	450	415	**90/70**	**755**	**711**	**682**	**654**	**625**	548	1,243	13,45	6,4	500
				70/55	511	470	444	417	391					
				55/45	350	313	288	264	240					
KL 1200.600		600	565	**90/70**	**1007**	**949**	**910**	**872**	**834**	731	1,243	17,25	7,9	700
				70/55	682	628	592	557	522					
				55/45	467	417	385	352	321					
KL 1200.750		750	715	**90/70**	**1259**	**1186**	**1138**	**1090**	**1043**	914	1,243	21,05	9,5	800
				70/55	852	785	740	696	653					
				55/45	584	522	481	440	401					
KL 1200.1000		1000	965	**90/70**	**1678**	**1581**	**1516**	**1453**	**1389**	1218	1,243	27,40	12,1	1000
				70/55	1136	1046	986	928	870					
				55/45	778	695	641	587	534					
KL 1830.450	1830	450	415	**90/70**	**1150**	**1085**	**1042**	**999**	**956**	841	1,213	20,50	9,8	800
				70/55	785	725	685	645	605					
				55/45	543	487	449	413	376					
KL 1830.600		600	565	**90/70**	**1532**	**1446**	**1388**	**1331**	**1275**	1121	1,213	26,33	12,1	1000
				70/55	1047	966	912	860	807					
				55/45	724	649	599	550	502					
KL 1830.750		750	715	**90/70**	**1917**	**1808**	**1736**	**1665**	**1594**	1402	1,213	32,17	14,5	1350
				70/55	1309	1208	1141	1075	1009					
				55/45	906	811	749	688	627					
KL 1830.1000		1000	965	**90/70**	**2555**	**2410**	**2315**	**2220**	**2125**	1869	1,213	41,90	18,5	1350
				70/55	1746	1610	1521	1433	1346					
				55/45	1207	1081	998	917	836					

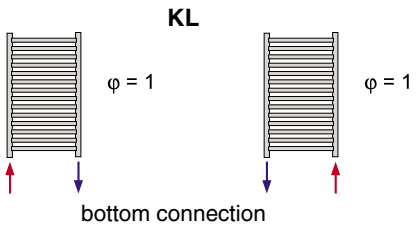
HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

BASIC TECHNICAL PARAMETERS

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

K_T	b	c_0	c_1
0,1202053	1,2816512	1,3005595	- 0,0019071

Type of connection



KORALUX LINEAR-E electric radiators

Model number	P [W]	M_c [kg]
KLE 780.450	200	13,6
KLE 780.600	200	17,3
KLE 780.750	300	21,0
KLE 780.1000	400	26,9
KLE 1200.450	300	20,4
KLE 1200.600	400	25,8

Model number	P [W]	M_c [kg]
KLE 1200.750	500	31,3
KLE 1200.1000	600	40,2
KLE 1830.450	400	30,9
KLE 1830.600	600	39,1
KLE 1830.750	700	47,4
KLE 1830.1000	900	61,2

M_c = weight of the filled radiator including the heating element.