

PRODUCT CATALOG

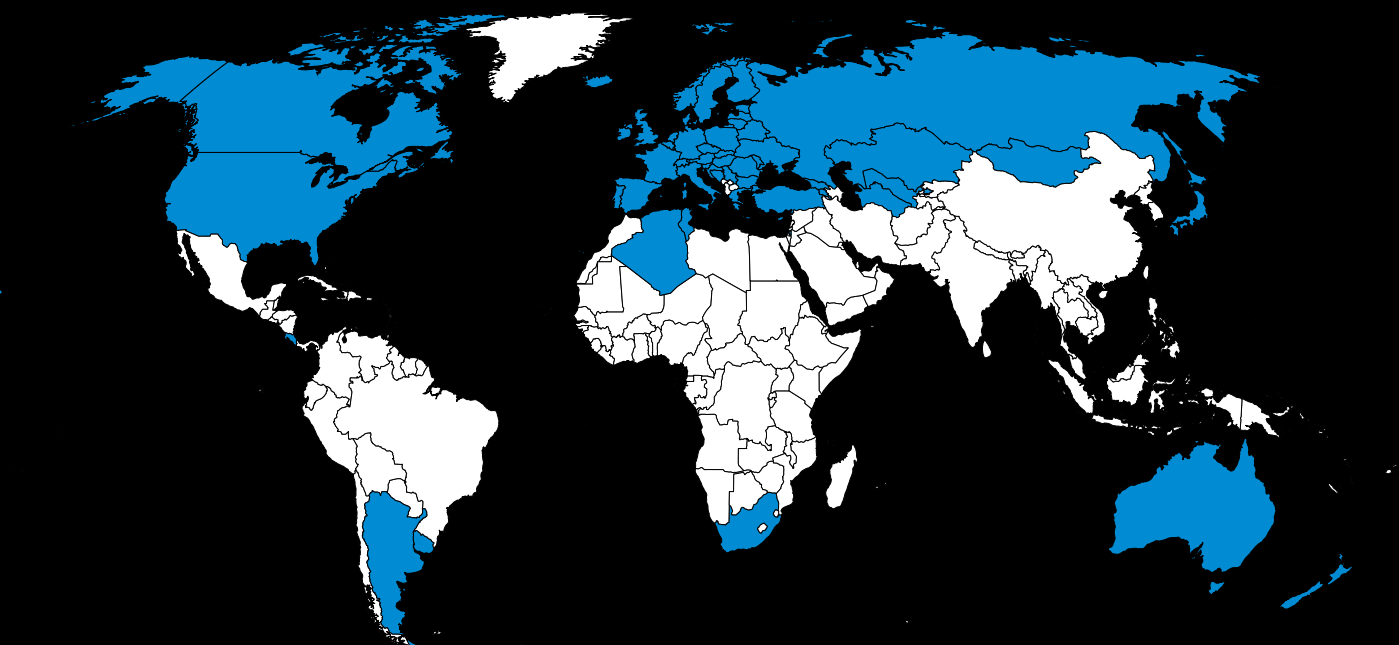




The PRODUCT CATALOG 11/2023
replaces all previous issues.

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 m² 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.



info@korado.cz



na.korado.com



Bří Hubálků 869, 560 02 Česká Třebová,
Czech Republic







TABLE OF CONTENTS



RADIK VKM8 RADIATOR WITH UNIVERSAL CONNECTION	8
RADIK VKM8 WAYS OF CONNECTION TO THE HEATING SYSTEM	9
RADIK VKM8 - U	10
HEAT OUTPUT – RADIK VKM8 - U	11
RADIK PLAN VKM8	12
RADIK LINE VKM8	13
HEAT OUTPUT – RADIK PLAN/LINE VKM8	14
FIXING OF RADIK STEEL PANEL RADIATORS	15, 16
RADIK V-POWER	17, 18
RADIK V-POWER SET	19
HEAT OUTPUT – RADIK V-POWER	20, 21
KORALUX LINEAR COMFORT - M	24
KORALUX RONDO COMFORT - M	25
HEAT OUTPUT – KORALUX LINEAR/RONDO COMFORT - M	27
KORATHERM HORIZONTAL - M	30
HEAT OUTPUT – KORATHERM HORIZONTAL - M	31
KORATHERM VERTIKAL - M	32
HEAT OUTPUT – KORATHERM VERTIKAL - M	33
WARRANTY CONDITIONS	34
COLOUR CARD	35

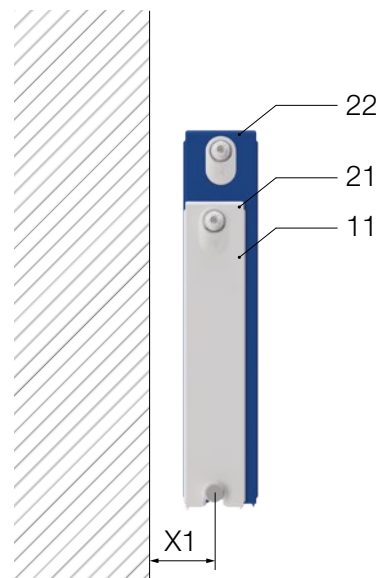
Steel Panel Radiators







RADIK VKM8 RADIATOR WITH UNIVERSAL CONNECTION



UNIVERSAL CONNECTION

- Solution for any kind of piping
- VKM8 offers up to 48 ways of connection



DESIGN

- Also in PLAN / LINE design
- Up to 200 RAL colours



VARIABLE

- Versions with valve on the right, on the left, as well as radiators without welded hangers which can be turned



SIZES

- For large as well as small spaces
- In lengths from 13 3/4" to 118 1/9".



WAREHOUSE SPACE SAVING

- Saving of stock volume



SMART SOLUTION

- Make the installation easier and choose a universal radiator

OVERVIEW OF MODELS

Description	Model	11	21	22
Model without welded hangers, with profiled front panel, with vertically and horizontally aligned water channels	RADIK VKM8 - U		X	X
Models with welded hangers, profiled front panel, with vertically and horizontally aligned water channels	RADIK VKM8	X	X	X
Models with welded hangers and a flat front panel	RADIK PLAN VKM8	X	X	X
Models with welded hangers and a flat front panel with fine horizontal grooves	RADIK LINE VKM8	X	X	X

DELIVERED AS STANDARD

All VKM8 radiators are delivered with an integrated, continuously adjustable 8-level valve, an air vent and a respective number of blanking plugs. Except from type 10 all other radiator types are delivered with side panels and a top grill.

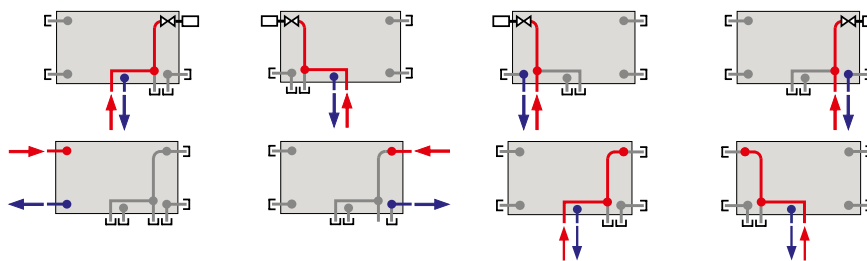
WAYS OF CONNECTION TO THE HEATING SYSTEM



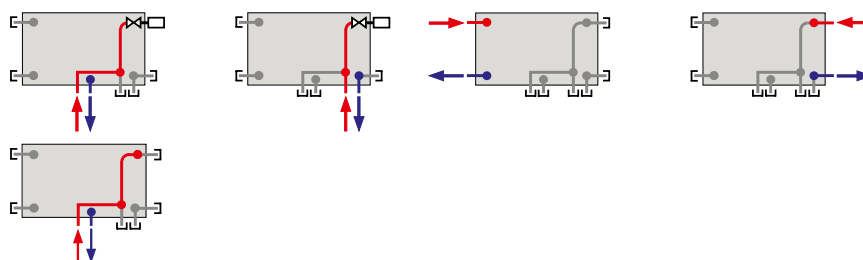
Basic ways of connection



48 possibilities of connection without hangers



27 possibilities of connection with hangers



NEW RADIATOR DESIGN

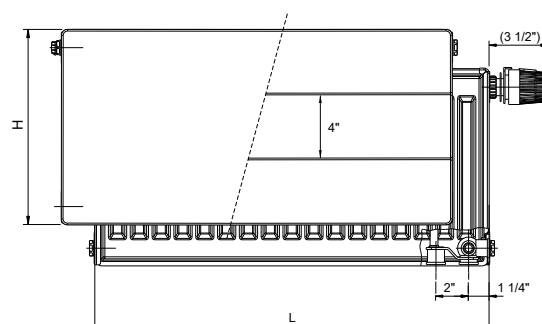


Description

If you want to facelift the design of your radiator you can install an additional front panel. The front panel is available in flat design PLAN, or with fine horizontal grooves LINE. To make a complete facelift you can also replace all other visible parts, such as top grill and side panels. The standard colour of front panel is white but you can choose from 18 KORADO colours or from 200 RAL colours.

Front panels are suitable for the following RADIK models: VKM8, VKM8-L, VKM8-U, VKL, VKM, VKM-L, VK, VKU, VKL, MM, KLASIK, KLASIK-R, COMBI VK.

By adding additional front panel the heat output will be slightly reduced, according to the size of radiator (up to 7% reduction).



RADIK VKM8 - U



Description

Model **RADIK VKM8-U** is a panel radiator in version VENTIL KOMPAKT which allows **bottom middle, bottom right or bottom left connection** to the heating system. This model has no welded hangers to the back side.

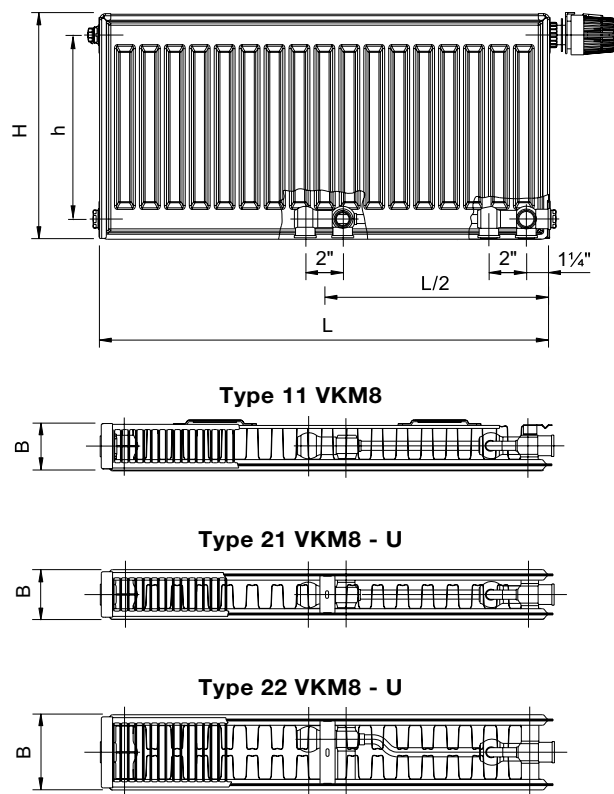
The panel radiators RADIK VKM8-U are designed as modern components of the heating systems with forced circulation of the heating media and with horizontal distribution pipes located below the radiators in the floor, in the wall or along the wall and covered with decorative strips.

RADIK VKM8 type 11 is a panel radiator in version VENTIL KOMPAKT which allows bottom middle or bottom right connection to the heating system. There are two upper and two lower hangers welded to the back side of the radiator, the radiators with length of 70 6/7" and more are equipped with six welded hangers.

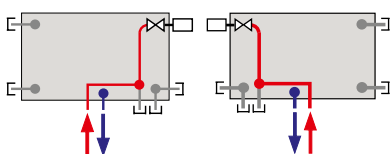
Technical data

Height H [inch]	12" (11 4/5), 16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 36" (35 3/7)
Length L [inch]	16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 6/7), 91" (90 5/9), 103" (102 1/3), 119" (118 1/9)
Depth B [inch]	Type 11 only VKM8 2 1/2" Type 21 VKM8 / VKM8-U 2 3/5" Type 22 VKM8 / VKM8-U 4"
Connection pitch [inch]	2"
Connection thread [inch]	8x G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	230 °F

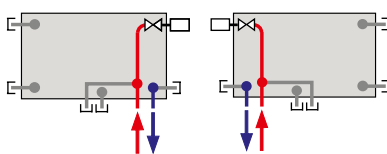
Overview of types



Examples of connection to the heating system



middle connection
 $\varphi = 1$



right/left bottom
 $\varphi = 1$

RADIK PLAN VKM8



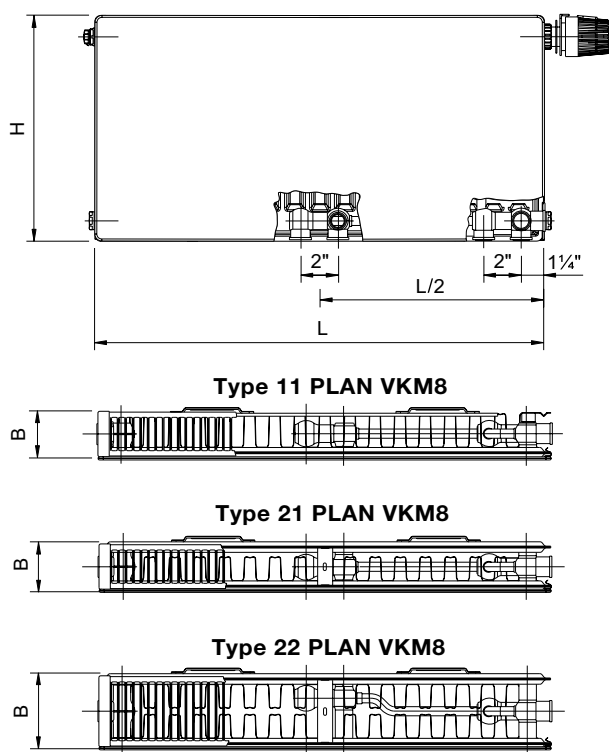
Description

Model **RADIK PLAN VKM8** is a panel radiator with flat front panel (version PLAN) and at the same time it is in version VENTIL KOMPAKT. This design allows **bottom middle or bottom right connection** of the radiator to the heating system with forced circulation. The types 21 and 22 have the same distance of the bottom middle connection from the wall. Two upper and two lower hangers are welded to the back side of the radiator, the radiators with length of 70 6/7" and more are equipped with six welded hangers.

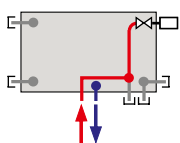
Technical data

Height H [inch]	12" (11 4/5), 16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 36" (35 3/7)
Length L [inch]	16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 3/4)
Depth B [inch]	
Type 11 PLAN VKM8	2 5/9"
Type 21 PLAN VKM8	2 2/3"
Type 22 PLAN VKM8	4"
Connection pitch [inch]	2"
Connection thread [inch]	8× G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	230 °F

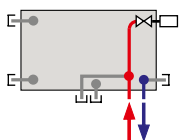
Overview of types



Examples of connection to the heating system



middle connection
 $\varphi = 1$



right bottom
 $\varphi = 1$

RADIK LINE VKM8



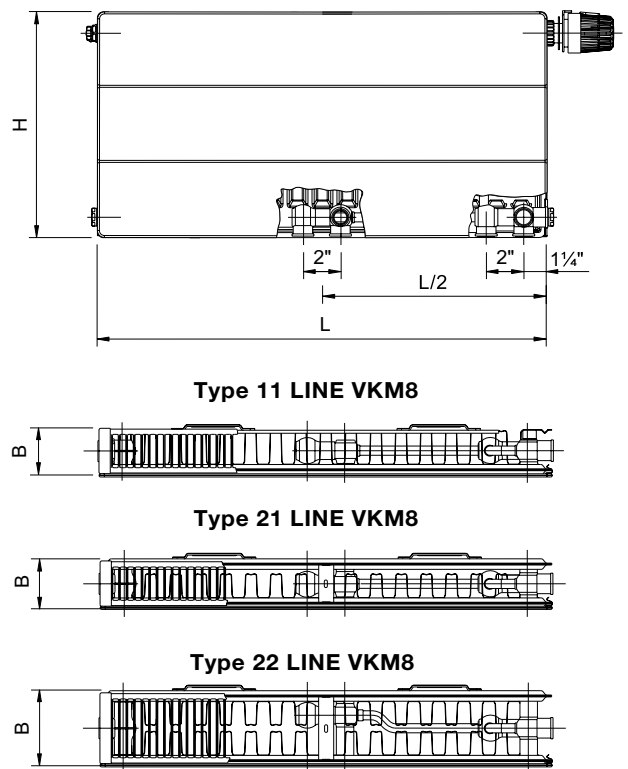
Description

Model **RADIK LINE VKM8** is a panel radiator with flat front panel (version LINE) and at the same time it is in version VENTIL KOMPAKT. This design allows **bottom middle or bottom right connection** of the radiator to the heating system with forced circulation. The types 21 and 22 have the same distance of the bottom middle connection from the wall. Two upper and two lower hangers are welded to the back side of the radiator, the radiators with length of 70 6/7" and more are equipped with six welded hangers.

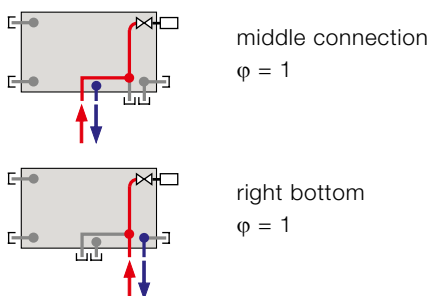
Technical data

Height H [inch]	12" (11 4/5), 16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 36" (35 3/7)
Length L [inch]	16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 3/4)
Depth B [inch]	
Type 11 LINE VKM8	2 5/9"
Type 21 LINE VKM8	2 2/3"
Type 22 LINE VKM8	4"
Connection pitch [inch]	2"
Connection thread [inch]	8x G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	230 °F

Overview of types



Examples of connection to the heating system



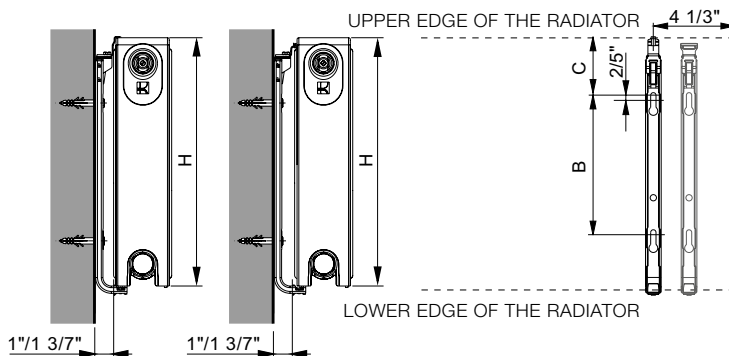


WALL BRACKETS

Compact bracket P2



- designed mainly for radiators without welded fixing hangers
- can be also used for all other models and types with welded fixing hangers except for type 11 of all models
- enables two ways of fixing the radiator (under or over the top grill)
- for radiators 70 6/7" long and longer, you must use three brackets, the third is positioned in the middle
- selection dependent on the height of the radiator **H**
- zinc-coated metal parts, grill holder painted in white
- equipped with a safety catch to prevent the radiator from lifting
- enables mounting on the wall at a distance of **D = 1" and 1 3/7"** from the wall
- used for concrete structures and masonry from porous concrete and solid bricks
- maximum permitted vertical load on the bracket is **1 200 N**

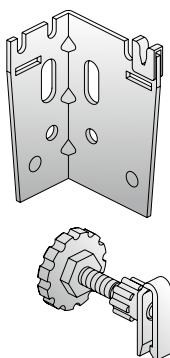


Set contains: 2× bracket, screws 8 × 2", dowel plugs Ø 2/5"

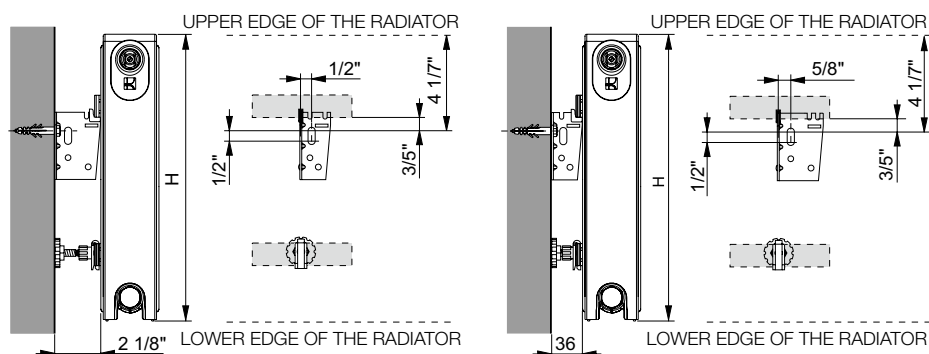
Note: When using the safety set P2 (Z-U537) it meets the class 3 according to the VDI6036 safety standard.

Type	H [inch]	B [inch]	C [inch]	Order number
Compact bracket P2 H = 11 4/5"	11 4/5"	4 2/3"	3 5/7"	Z-U531
Compact bracket P2 H = 15 3/4"	15 3/4"	8 5/8"	3 5/7"	Z-U532
Compact bracket P2 H = 19 2/3"	19 2/3"	12 5/9"	3 5/7"	Z-U533
Compact bracket P2 H = 23 5/8"	23 5/8"	16 1/2"	3 5/7"	Z-U534
Compact bracket P2 H = 27 5/9"	27 5/9"	20 3/7"	3 5/7"	Z-U535
Compact bracket P2 H = 35 3/7"	35 3/7"	28 1/3"	3 5/7"	Z-U536

Simple wall bracket - angled



- designed for all models and types with welded fixing hangers
- selection not dependent on the height of the radiator **H**
- zinc-coated metal parts
- enables mounting on the wall at a distance of **D = 2 1/8" and 1 3/7"** from the wall
- used for concrete structures and masonry from porous concrete and solid bricks
- maximum permitted vertical load on the bracket is **700 N**



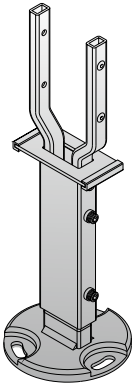
Set contains: 1× right and left bracket, 2× support, screws 8× 2 1/3", dowel plugs Ø 2/5"

Type	H [inch]	Order number
Simple wall bracket - angled	11 4/5" ÷ 35 3/7"	Z-U300

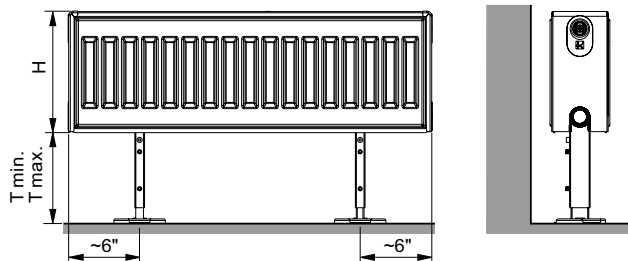
FIXING OF RADIK STEEL PANEL RADIATORS

STAND BRACKETS

Stand bracket W RADIK type 22 (high)



- designed for all models except for models COMBI VK
- in case of VKM8 models use only from the length of 23 5/8"
- designed for type 22
- radiator panels are used for fixing the radiator
- assembled by manufacturer
- use up to a height of $H_{max} = 35 \frac{3}{7}"$
- metal parts painted in white
- maximum permitted vertical load on the bracket is **1 200 N**

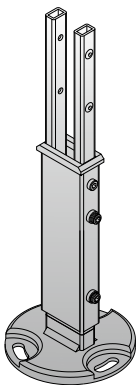


Set contains:

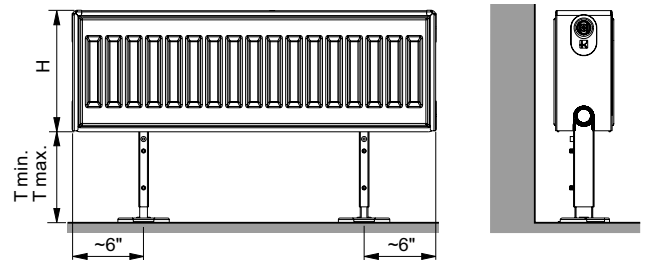
Number of brackets Z-U400				
Lenght L [inch]	15 3/4" ÷ 63"	70 6/7" ÷ 90 5/9"	102 1/3" ÷ 118 1/9"	
Number of brackets	2	3	4	
Type	H [inch]	T min [inch]	T max [inch]	Order number
Stand bracket W RADIK type 22 (high)	7 7/8" ÷ 35 3/7"	6 1/2"	12 3/5"	Z-U400

STAND BRACKETS

Stand bracket for types 21 (high)



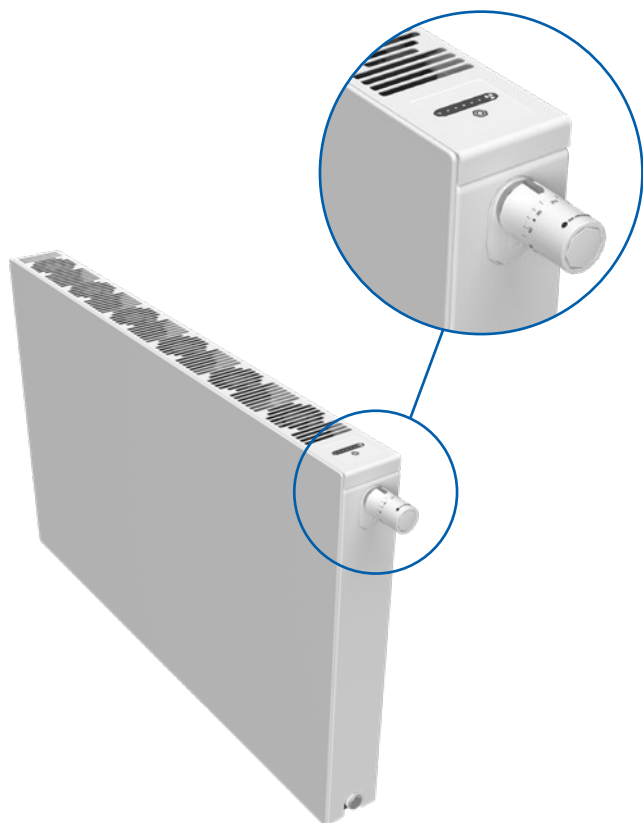
- designed for all models except for models COMBI VK
- in case of VKM8 models use only from the length of 23 5/8"
- designed for type 21
- radiator panels are used for fixing the radiator
- assembled by manufacturer
- use up to a height of $H_{max} = 35 \frac{3}{7}"$
- metal parts painted in white
- maximum permitted vertical load on the bracket is **1 200 N**



Set contains:

Number of brackets Z-U390				
Lenght L [inch]	15 3/4" ÷ 63"	70 6/7" ÷ 90 5/9"	102 1/3" ÷ 118 1/9"	
Number of brackets	2	3	4	
Type	H [inch]	T min [inch]	T max [inch]	Order number
Stand bracket for types 21	7 7/8" ÷ 35 3/7"	6 1/2"	12 3/5"	Z-U390

RADIK V-POWER



Construction today places emphasis on the energy efficiency of building heating systems. The trend we are seeing is towards use of modern and innovative low-temperature heat sources, which mainly include heat pumps. The greatest advantage of low-temperature heating is its efficiency in using lower operating temperatures.

The innovative **RADIK V-POWER** panel radiator ensures efficient heating in low-temperature heating systems. Its unique nature lies in the integration of fans and an autonomous controller directly into the radiator. It can be used without ventilation or at one of five levels of intensity of forced convection. The integrated fans **increase the heat output of the radiator by up to 60 %**.

The new **RADIK V-POWER** panel radiator can also be used during the summer months. In passive cooling mode, the radiator is able to work with cooler water, which some types of heat pumps can supply to the heating system to cool the building. The **RADIK V-POWER** is supplied in type 22 with heights of 20 5/8", 24 4/7" and 36 3/8" and in standard lengths from 15 3/4" to 78 3/4".

The unique design of the separate module with fans and integrated regulation allows for **retrofitting on older types of KORADO radiators** with the same dimensions as those which the **RADIK V-POWER** is supplied in. This will in particular be appreciated by heat pump users who, after replacing their gas or fossil fuel boiler, need to achieve increased radiator output at lower water temperatures.



Suitable for heat pumps.



It contributes to savings thanks to low temperature operation.



Integrated fans increase the output by up to 60 %.



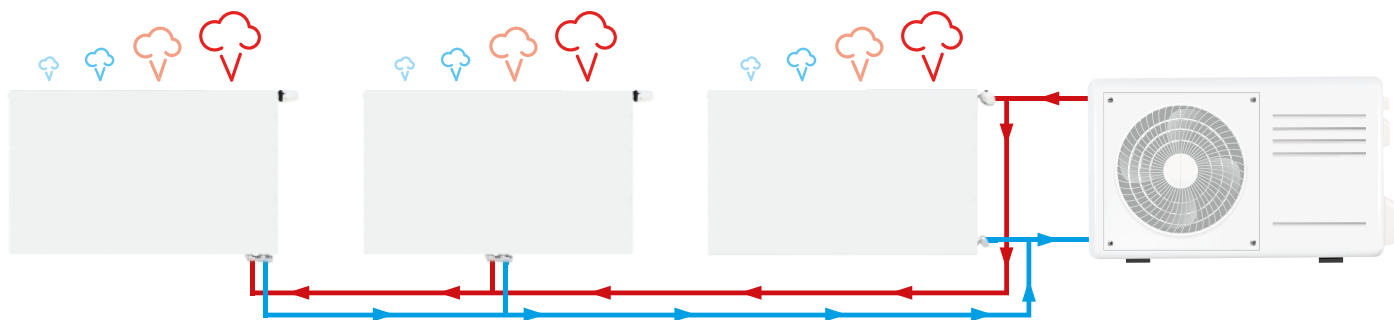
Heating and passive cooling.



Module for refitting of older types of KORADO radiators.



Very silent operation, suited for sleeping.



- Automatic control of heating or passive cooling of the module with fans thanks to temperature sensors monitoring the temperature of the radiator and the ambient temperature.
- Maximum safety thanks to 12 V voltage.
- The universal design of the radiator allows for a variable method of connection.
- Efficient use of the thermal energy emitted by the radiator thanks to low input temperatures ensures energy savings and thermal comfort.
- Modern radiator design suitable for all types of interiors.
- Low power consumption from 3 to 13 W.

RADIK V-POWER



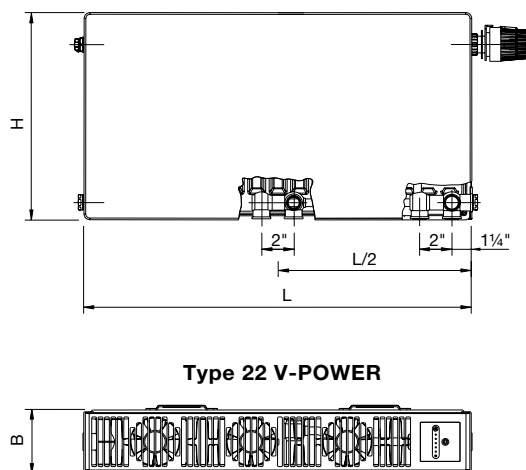
Description

The **RADIK V-POWER** model is an innovative panel radiator in the PLAN version with a flat front panel and integrated module with fans which increase the heat output by up to 60 %. Its design is intended for low-temperature heating systems, most often heat pumps. It allows for connection to the heating system from the bottom middle, bottom right, left or right side. Two upper and lower fixing hangers are welded onto the back of the radiator. Radiators with a length of 70 6/7" or more have six fixing hangers welded onto them.

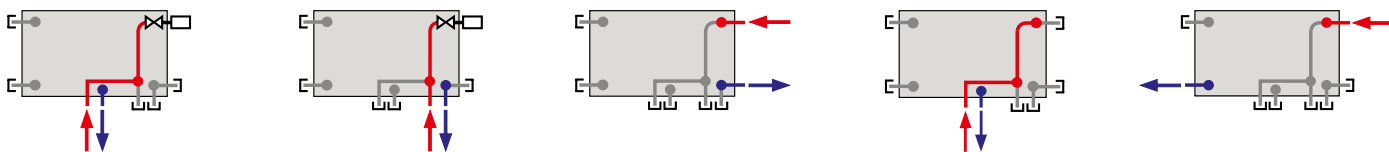
Technical data

Height H [inch]	17" (16 2/3), 21" (20 5/8), 23" (22 3/4), 25" (24 4/7), 29" (28 1/2), 37" (36 3/8)
Length L [inch]	16" (15 3/4), 20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 3/4)
Depth B [inch] Type 22	4"
Connecting pitch h	2"
Connecting thread	8× G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	140 °F
Radiator connection	bottom middle, bottom right, left or right side connection

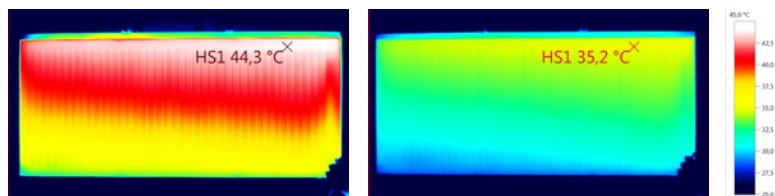
Overview of types



Examples of connection to the heating system



All parameters are laboratory-tested.

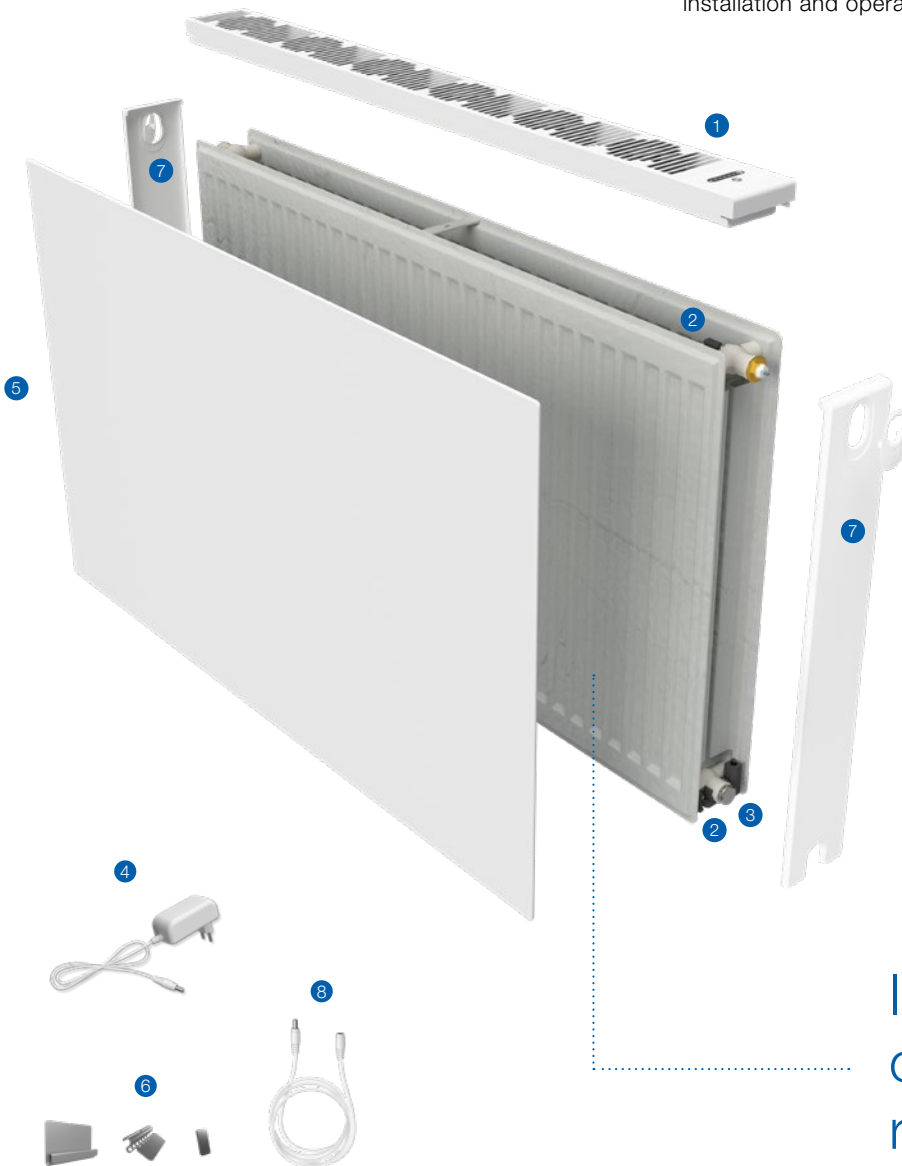


RADIK V-POWER SET



Description

The **RADIK V-POWER SET** is a kit for retrofitting to radiators. It is also compatible with older KORADO type 22 radiators up to a length of 78 3/4". This set can be used by all users who have replaced their heat source. The kit contains all of the components needed for installation and operation.



The set contains::

- 1 ventilation unit
- 2 temperature sensors
- 3 power supply connector
- 4 power supply adapter – 47 1/4"
- 5 flat front panel
- 6 accessory for mounting on the radiator

Optional (recommended) accessories:

- 7 side panels
- 8 extension cable (71", 197")

Installation
on the existing
radiator.



Scan for more
information



Various colour options are available for new RADIK V-POWER radiators and SETS. You can choose from KORADO as well as RAL colour card.

RADIK V-POWER / RADIK V-POWER SET

HEATING AND COOLING OUTPUT Q [W] FOR HEAT CARRYING WATER ACCORDING TO EN 16430

Type 22 V-POWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Height [inch]			17" (16 2/3)			21" (20 5/8)			23" (22 3/4)			25" (24 4/7)			29" (28 1/2)			37" (36 3/8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Output (BTU/HR) [°F]			Fan speed level																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Lenght [inch]	t ₁	t ₂	t _i	Static			Comfort			Dynamic			Static			Comfort			Dynamic			Static			Comfort			Dynamic																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				130	110	68	738	995	1 086	881	1 170	1 278	956	1 261	1 375	1 020	1 335	1 456	1 156	1 492	1 628	1 421	1 781	1 944	130	110	68	922	1 243	1 357	1 102	1 463	1 597	1 195	1 576	1 719	1 274	1 668	1 821	1 445	1 865	2 035	1 776	2 227	2 430	110	90	68	501	712	777	599	839	916	650	904	986	693	958	1 045	786	1 072	1 170	966	1 284	1 401	100	90	68	405	586	639	484	690	754	525	745	812	560	789	861	635	883	964	781	1 059	1 156	95	85	68	313	463	505	375	546	596	406	589	643	433	624	681	491	699	763	604	839	916	63	66	82	118	160	190	124	170	201	131	177	208	136	181	214	148	193	229	185	220	260	65	68	82	100	139	165	104	147	175	109	153	180	112	157	185	122	166	197	149	188	222	130	110	68	1 106	1 492	1 629	1 322	1 756	1 916	1 434	1 891	2 063	1 529	2 002	2 185	1 734	2 238	2 442	2 131	2 672	2 917	110	90	68	602	854	933	719	1 007	1 099	780	1 085	1 184	832	1 150	1 254	943	1 287	1 404	1 160	1 541	1 682	100	90	68	486	703	767	581	829	904	630	893	975	672	947	1 033	762	1 060	1 157	937	1 271	1 387	95	85	68	376	556	606	449	655	715	488	707	771	520	749	818	590	839	916	725	1 007	1 100	63	66	82	142	192	228	149	204	242	157	212	249	163	218	257	178	231	275	222	265	312	65	68	82	120	167	198	125	177	209	131	183	216	135	188	222	146	199	237	179	226	267	130	110	68	1 291	1 741	1 900	1 542	2 048	2 236	1 673	2 206	2 407	1 784	2 336	2 549	2 023	2 610	2 849	2 487	3 117	3 403	110	90	68	702	997	1 088	839	1 174	1 282	910	1 266	1 381	971	1 341	1 464	1 100	1 501	1 638	1 353	1 797	1 962	100	90	68	567	820	895	678	967	1 055	735	1 042	1 137	784	1 105	1 205	889	1 237	1 350	1 093	1 482	1 618	95	85	68	439	648	708	524	765	835	569	825	900	607	874	954	688	979	1 069	846	1 175	1 283	63	66	82	165	224	266	174	238	282	183	247	291	190	254	300	208	270	321	259	309	364	65	68	82	140	195	231	146	206	244	152	214	252	157	219	259	171	232	276	209	264	311	130	110	68	1 475	1 990	2 171	1 763	2 341	2 555	1 912	2 521	2 750	2 039	2 670	2 913	2 312	2 983	3 256	2 842	3 563	3 889	110	90	68	802	1 139	1 243	959	1 342	1 465	1 040	1 447	1 578	1 109	1 533	1 673	1 258	1 715	1 872	1 546	2 054	2 242	100	90	68	648	937	1 023	775	1 105	1 206	840	1 191	1 299	896	1 262	1 377	1 016	1 413	1 542	1 249	1 694	1 849	95	85	68	501	741	809	599	874	954	650	942	1 028	693	999	1 090	786	1 119	1 221	967	1 343	1 466	63	66	82	189	256	304	199	272	322	209	282	333	217	290	343	237	308	366	296	353	416	65	68	82	159	223	264	166	236	279	174	244	288	180	251	296	195	265	315	239	301	355	130	110	68	1 660	2 238	2 443	1 983	2 633	2 875	2 151	2 837	3 094	2 294	3 003	3 277	2 601	3 356	3 663	3 197	4 008	4 375	110	90	68	903	1 282	1 399	1 079	1 510	1 648	1 170	1 628	1 776	1 248	1 724	1 882	1 415	1 930	2 106	1 739	2 311	2 523	100	90	68	729	1 054	1 151	872	1 243	1 357	946	1 340	1 462	1 008	1 420	1 550	1 143	1 590	1 735	1 406	1 906	2 081	95	85	68	564	833	910	674	983	1 073	731	1 060	1 157	780	1 124	1 226	884	1 259	1 374	1 087	1 511	1 649	63	66	82	213	288	342	224	306	362	235	318	374	244	327	386	267	347	412	333	397	468	65	68	82	179	251	297	187	265	314	196	275	324	202	282	333	219	299	355	269	339	400	130	110	68	1 844	2 487	2 714	2 204	2 926	3 194	2 390	3 152	3 438	2 549	3 337	3 641	2 890	3 729	4 070	3 552	4 453	4 861	110	90	68	1 003	1 424	1 554	1 199	1 678	1 831	1 300	1 809	1 973	1 386	1 916	2 091	1 572	2 144	2 340	1 933	2 568	2 803	100	90	68	810	1 172	1 279	968	1 381	1 507	1 051	1 489	1 624	1 120	1 578	1 722	1 270	1 767	1 928	1 562	2 118	2 312	95	85	68	627	926	1 011	749	1 092	1 192	813	1 178	1 285	867	1 249	1 363	983	1 399	1 527	1 208	1 679	1 833	63	66	82	236	320	380	249	340	403	262	353	416	271	363	429	297	386	458	370	441	520	65	68	82	199	279	330	208	295	349	218	305	360	225	313	370	244	332

RADIK V-POWER is supplied in heights **21"** (20 5/8), **25"** (24 4/7) and **37"** (36 3/8).





Towel Rail Radiators

KORALUX LINEAR COMFORT - M



Description

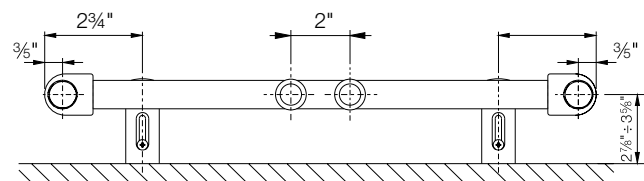
KORALUX LINEAR COMFORT - M (KLTM) is a towel rail radiator modified for bottom middle connection with a connecting pitch of 2".

Steel tubes \varnothing 1"
Steel profile 1 3/5" x 1 3/8"

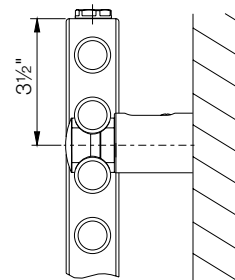
Technical data

Height H [inch]	28" (27 5/9), 36" (35 3/7), 48" , 59" , 72" (71 2/3)
Length L [inch]	18" (17 5/7), 20" (19 2/3), 24" (23 5/8), 30" (29 1/2)
Depth B [inch]	1 3/8"
Connection pitch [inch]	2"
Connection thread [inch]	6x G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	230 °F
Flow coefficient	$A_T = 9,3 \times 10^{-5} \text{ m}^2$
Drag coefficient	$\xi_T = 9,3$

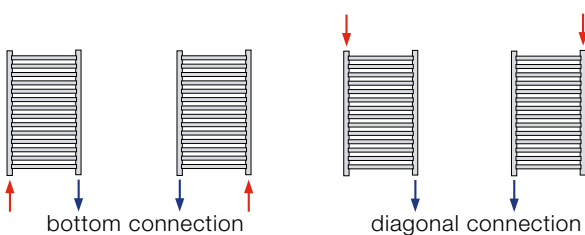
Fitting



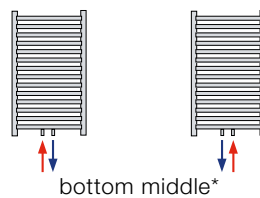
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.



Type of Connection KORALUX LINEAR COMFORT



Type of Connection KORALUX LINEAR COMFORT - M



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

KORALUX RONDO COMFORT - M



Description

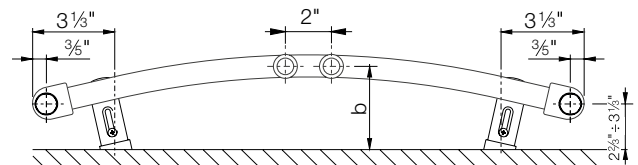
KORALUX RONDO COMFORT - M (KRTM) is a towel rail radiator modified for **bottom middle connection** with a connecting pitch of 2".

Steel tubes \varnothing 1"
Steel profile 1 3/5" x 1 3/8"

Technical data

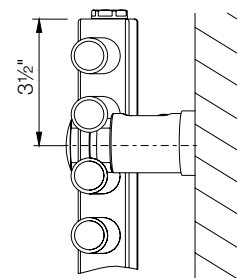
Height H [inch]	28" (27 5/9), 36" (35 3/7), 48" , 59" , 72" (71 2/3)
Length L [inch]	18" (17 5/7), 20" (19 2/3), 24" (23 5/8), 30" (29 1/2)
Depth B [inch]	1 3/8"
Connection pitch [inch]	2"
Connection thread [inch]	6 x G 1/2" inside
Highest allowed working pressure	145,04 psi
Test overpressure	188,55 psi
Highest allowed working temperature	230 °F
Flow coefficient	$A_T = 9,3 \times 10^{-5} \text{ m}^2$
Drag coefficient	$\xi_T = 9,3$

Fitting

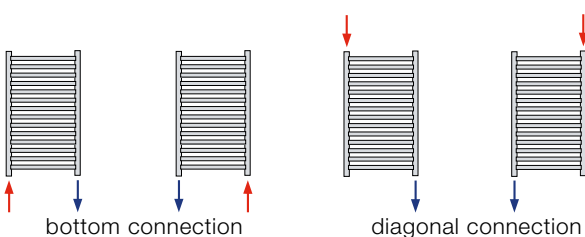


L [inch]	17 1/2"	19 1/2"	23 3/7"	29 1/3"
b [inch]	3 7/9" ÷ 4 1/2"	3 7/9" ÷ 4 1/2"	4" ÷ 4 3/4"	4" ÷ 4 4/5"

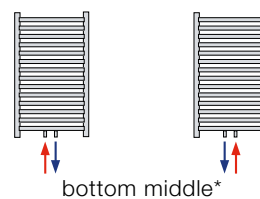
The mounting set is delivered as standard and consists of 4 special plastic brackets, screws, dowels and assembly instructions.



Type of Connection KORALUX RONDO COMFORT

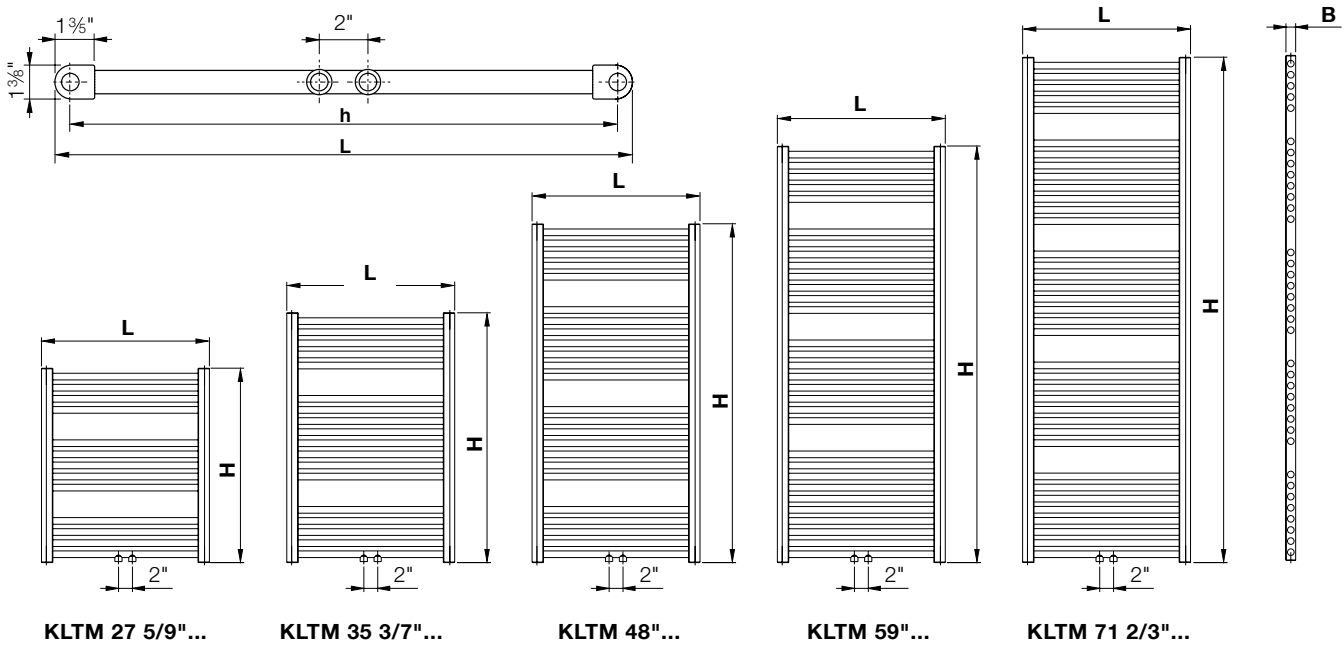


Type of Connection KORALUX RONDO COMFORT - M

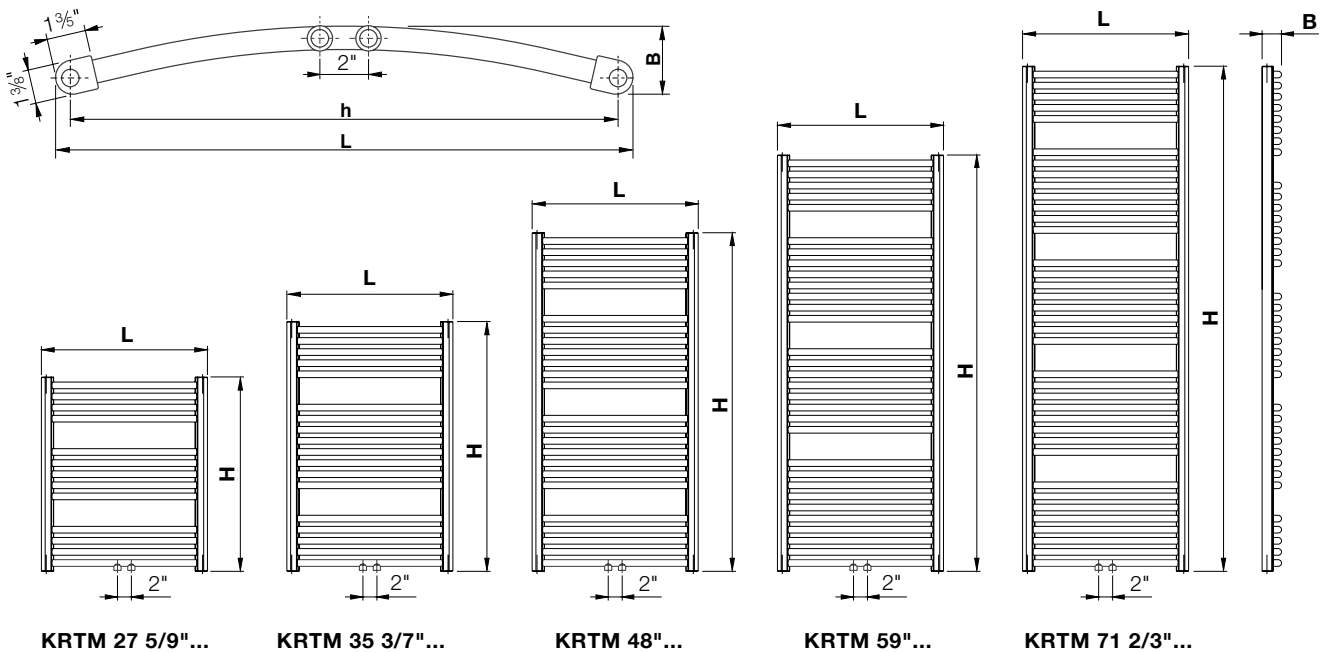


* For radiators with the bottom middle connection you can use the integrated connection fittings HM delivered together with a thermostatic head.

KORALUX LINEAR COMFORT - M



KORALUX RONDO COMFORT - M



KORALUX LINEAR/RONDO COMFORT-M



HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

Length L [inch]	Output (BTU/HR) [°F]	Height H [inch]				
		28" (27 5/9)	36" (35 3/7)	48"	59"	72" (71 2/3)
18" (17 5/7)	@ 180°F/68°F*	1 140	1 467	2 006	2 491	3 074
	@ 140°F/68°F*	614	788	1 071	1 331	1 638
	@ 100°F/68°F*	160	205	276	341	420
20" (19 2/3)	@ 180°F/68°F*	1 252	1 611	2 201	2 733	3 378
	@ 140°F/68°F*	672	863	1 177	1 460	1 798
	@ 100°F/68°F*	177	225	304	375	461
24" (23 3/7)	@ 180°F/68°F*	1 467	1 887	2 583	3 214	3 965
	@ 140°F/68°F*	792	1 017	1 385	1 720	2 116
	@ 100°F/68°F*	208	266	362	444	546
30" (29 1/3)	@ 180°F/68°F*	1 785	2 296	3 143	3 914	4 825
	@ 140°F/68°F*	969	1 242	1 689	2 098	2 580
	@ 100°F/68°F*	259	328	444	546	669

*outputs based on water supply temperatures @ 20° Δ T x 68°F room temperature

Design Radiators





KORATHERM HORIZONTAL - M



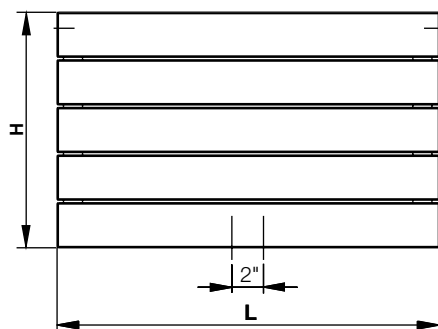
Description

KORATHERM HORIZONTAL - M is a model of a design series of radiators with horizontally aligned profiles, which allows a **bottom middle connection** to the heating system with forced circulation of the heat agent. Types 11, 21 and 22 are supplied with a top cover grille. Four hangers are welded on the back of the radiator for installation on the wall, radiators of 70 6/7" in length and longer have six welded hangers. Types 21 and 22 at a maximum height of 24" (23 1/7") can be supplied without the back hangers. These radiators are designed for mounting on the floor using stand brackets. Mounting of the radiators is not included. HM Connection fittings can be used for connection to the heating system.

Technical data

Height H [inch]	15" (14 2/5), 21" (20 1/4), 24" (23 1/7), 26" , 35" (34 4/5)
Length L [inch]	20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 3/4)
Depth B [inch]	
Type K11HM	2 2/5"
Type K20HM	2 5/6"
Type K21HM	2 5/6"
Type K22HM	4 1/2"
Connecting pitch h	2"
Connecting thread	6× G 1/2" inside
Highest allowed working pressure	58,02 psi
Highest allowed working temperature	230 °F

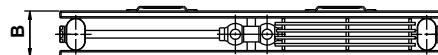
Overview of types



Type K11HM



Type K20HM



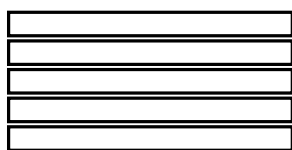
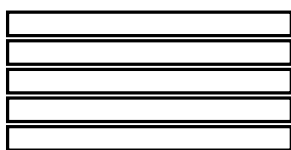
Type K21HM



Type K22HM



Type of Connection



bottom middle
φ=1

KORATHERM VERTIKAL - M



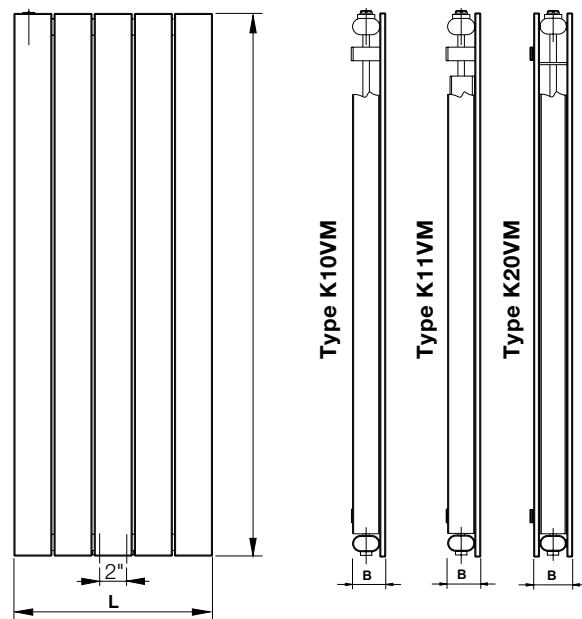
Description

KORATHERM VERTIKAL - M is a model of a design series of radiators with vertically aligned profiles that allows a **bottom middle connection** to the heating system with forced circulation of the heat transfer agent. The radiator is supplied with full side covers. Four hangers are welded on the back of the radiator. The VERTIKAL split bracket is included in the delivery. It ensures the secure mounting of the radiator. HM Connection fittings can be used connection to the heating system.

Technical data

Height H [inch]	20" (19 2/3), 24" (23 5/8), 28" (27 5/9), 32" (31 1/2), 36" (35 3/7), 40" (39 3/8), 44" (43 1/3), 48" (47 1/4), 56" (55 1/8), 63" , 71" (70 6/7), 79" (78 3/4)
Length L [inch]	6" (5 2/7), 9" (8 4/7), 15" (14 2/5), 21" (20 1/4), 24" (23 1/7), 26" , 35" (34 4/5), 38" (37 5/7)
Depth B [inch]	
Type K10VM	2 2/5"
Type K11VM	2 2/5"
Type K20VM	2 5/6"
Connection pitch	2"
Connection thread	6× G 1/2" inside
Highest allowed working pressure	58,02 psi
Highest allowed working temperature	230 °F

Overview of types



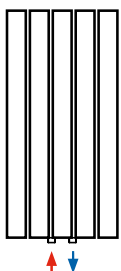
Type K10VM, K11VM



Type K20VM



Type of Connection



bottom middle
 $\varphi=1$

KORATHERM VERTIKAL - M



HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

Length L [inch]	Output (BTU/HR) [°F]	Type 10											
		Height H [inch]											
		20" (19 2/3)	24" (23 5/8)	28" (27 5/9)	32" (31 1/2)	36" (35 3/7)	40" (39 3/8)	44" (43 1/3)	48" (47 1/4)	56" (55 1/8)	63"	71" (70 6/7)	79" (78 3/4)
6" (5 2/7)	@ 180°F/68°F*	358	427	495	560	628	696	761	829	962	1 095	1 228	1 361
	@ 140°F/68°F*	191	225	263	297	331	365	399	437	505	573	641	710
	@ 100°F/68°F*	48	58	65	75	82	92	99	109	126	143	157	174
9" (8 4/7)	@ 180°F/68°F*	543	645	747	850	952	1 051	1 153	1 252	1 457	1 655	1 860	2 061
	@ 140°F/68°F*	290	345	396	450	502	553	607	659	764	867	972	1 078
	@ 100°F/68°F*	75	89	99	113	126	140	150	164	191	215	239	266
15" (14 2/5)	@ 180°F/68°F*	911	1 085	1 256	1 426	1 597	1 764	1 935	2 105	2 443	2 781	3 119	3 460
	@ 140°F/68°F*	485	577	665	754	843	932	1 017	1 106	1 283	1 457	1 631	1 808
	@ 100°F/68°F*	123	147	171	191	212	232	256	276	317	362	403	444
21" (20 1/4)	@ 180°F/68°F*	1 283	1 522	1 764	2 003	2 242	2 481	2 719	2 955	3 433	3 907	4 381	4 859
	@ 140°F/68°F*	682	809	935	1 061	1 184	1 307	1 430	1 553	1 802	2 047	2 293	2 539
	@ 100°F/68°F*	174	205	239	266	297	328	358	386	447	505	566	624
24" (23 1/7)	@ 180°F/68°F*	1 467	1 740	2 017	2 293	2 566	2 835	3 108	3 381	3 924	4 466	5 012	5 558
	@ 140°F/68°F*	781	925	1 068	1 211	1 355	1 495	1 638	1 778	2 058	2 341	2 621	2 904
	@ 100°F/68°F*	201	235	273	307	341	375	409	444	512	580	648	713
26"	@ 180°F/68°F*	1 651	1 959	2 269	2 580	2 887	3 194	3 501	3 808	4 419	5 029	5 644	6 261
	@ 140°F/68°F*	880	1 041	1 204	1 365	1 525	1 682	1 843	2 000	2 317	2 634	2 952	3 269
	@ 100°F/68°F*	225	266	307	345	382	420	461	498	577	652	727	805
35" (34 4/5)	@ 180°F/68°F*	2 204	2 617	3 030	3 446	3 856	4 265	4 675	5 084	5 903	6 715	7 537	8 360
	@ 140°F/68°F*	1 174	1 392	1 607	1 822	2 037	2 245	2 460	2 672	3 095	3 518	3 941	4 368
	@ 100°F/68°F*	300	355	409	461	512	563	614	665	768	870	972	1 075
38" (37 5/7)	@ 180°F/68°F*	2 388	2 835	3 286	3 733	4 180	4 620	5 067	5 507	6 394	7 278	8 165	9 059
	@ 140°F/68°F*	1 273	1 508	1 740	1 976	2 208	2 433	2 665	2 893	3 354	3 811	4 272	4 733
	@ 100°F/68°F*	328	386	444	498	556	611	665	720	833	942	1 054	1 164

*outputs based on water supply temperatures @ 20° Δ T x 68°F room temperature

Length L [inch]	Output (BTU/HR) [°F]	Type 11											
		Height H [inch]											
		20" (19 2/3)	24" (23 5/8)	28" (27 5/9)	32" (31 1/2)	36" (35 3/7)	40" (39 3/8)	44" (43 1/3)	48" (47 1/4)	56" (55 1/8)	63"	71" (70 6/7)	79" (78 3/4)
6" (5 2/7)	@ 180°F/68°F*	471	553	631	710	785	860	935	1 007	1 150	1 286	1 419	1 549
	@ 140°F/68°F*	252	297	338	379	420	457	495	532	604	676	744	812
	@ 100°F/68°F*	68	78	89	99	106	116	126	133	150	167	184	201
9" (8 4/7)	@ 180°F/68°F*	713	836	955	1 075	1 187	1 300	1 413	1 525	1 740	1 948	2 150	2 348
	@ 140°F/68°F*	382	450	512	573	631	693	747	805	914	1 020	1 126	1 228
	@ 100°F/68°F*	102	116	133	147	164	177	191	201	229	252	280	304
15" (14 2/5)	@ 180°F/68°F*	1 194	1 402	1 604	1 802	1 996	2 184	2 375	2 559	2 921	3 269	3 610	3 941
	@ 140°F/68°F*	645	754	860	962	1 061	1 160	1 256	1 351	1 532	1 716	1 890	2 064
	@ 100°F/68°F*	171	198	222	249	273	297	317	341	382	427	467	508
21" (20 1/4)	@ 180°F/68°F*	1 679	1 969	2 252	2 532	2 801	3 068	3 334	3 593	4 101	4 589	5 067	5 534
	@ 140°F/68°F*	904	1 058	1 208	1 351	1 491	1 628	1 764	1 897	2 153	2 409	2 655	2 897
	@ 100°F/68°F*	239	276	314	348	382	416	447	478	536	597	659	717
24" (23 1/7)	@ 180°F/68°F*	1 921	2 252	2 576	2 893	3 207	3 511	3 815	4 108	4 692	5 251	5 797	6 330
	@ 140°F/68°F*	1 034	1 211	1 382	1 546	1 706	1 863	2 020	2 170	2 464	2 754	3 040	3 317
	@ 100°F/68°F*	273	317	358	399	437	474	512	546	611	682	754	819
26"	@ 180°F/68°F*	2 160	2 535	2 900	3 259	3 610	3 951	4 292	4 627	5 282	5 913	6 527	7 128
	@ 140°F/68°F*	1 164	1 361	1 553	1 740	1 921	2 098	2 272	2 443	2 774	3 102	3 422	3 733
	@ 100°F/68°F*	307	355	403	450	491	536	577	614	689	771	846	921
35" (34 4/5)	@ 180°F/68°F*	2 887	3 388	3 873	4 350	4 821	5 279	5 732	6 179	7 053	7 896	8 718	9 516
	@ 140°F/68°F*	1 556	1 819	2 075	2 324	2 566	2 801	3 037	3 262	3 702	4 142	4 569	4 985
	@ 100°F/68°F*	409	474	539	601	659	713	768	819	921	1 027	1 133	1 232
38" (37 5/7)	@ 180°F/68°F*	3 129	3 671	4 200	4 716	5 224							
	@ 140°F/68°F*	1 686	1 972	2 249	2 518	2 781							
	@ 100°F/68°F*	444	515	583	648	713							

*outputs based on water supply temperatures @ 20° Δ T x 68°F room temperature

KORATHERM VERTIKAL - M

HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

Length L [inch]	Output (BTU/HR) [°F]	Type 20											
		Height H [inch]											
		20" (19 2/3)	24" (23 5/8)	28" (27 5/9)	32" (31 1/2)	36" (35 3/7)	40" (39 3/8)	44" (43 1/3)	48" (47 1/4)	56" (55 1/8)	63"	71" (70 6/7)	79" (78 3/4)
6" (5 2/7)	@ 180°F/68°F*	549	645	744	836	932	1 024	1 119	1 211	1 392	1 570	1 747	1 921
	@ 140°F/68°F*	287	338	389	437	485	532	580	628	717	809	901	990
	@ 100°F/68°F*	72	82	96	106	119	130	140	150	171	194	215	235
9" (8 4/7)	@ 180°F/68°F*	829	979	1 123	1 269	1 409	1 553	1 692	1 832	2 105	2 375	2 641	2 907
	@ 140°F/68°F*	433	512	587	662	734	809	880	949	1 088	1 225	1 361	1 498
	@ 100°F/68°F*	106	126	143	160	181	198	215	229	259	293	324	355
15" (14 2/5)	@ 180°F/68°F*	1 392	1 641	1 887	2 129	2 368	2 603	2 842	3 074	3 535	3 989	4 436	4 879
	@ 140°F/68°F*	727	856	986	1 109	1 235	1 355	1 474	1 593	1 825	2 058	2 286	2 511
	@ 100°F/68°F*	181	212	242	273	300	331	358	386	437	491	546	597
21" (20 1/4)	@ 180°F/68°F*	1 955	2 307	2 651	2 989	3 327	3 658	3 989	4 316	4 965	5 603	6 231	6 855
	@ 140°F/68°F*	1 024	1 204	1 382	1 559	1 733	1 904	2 071	2 238	2 563	2 890	3 211	3 528
	@ 100°F/68°F*	252	297	341	382	423	464	502	539	614	689	768	839
24" (23 1/7)	@ 180°F/68°F*	2 238	2 638	3 030	3 419	3 805	4 187	4 565	4 941	5 681	6 408	7 128	7 841
	@ 140°F/68°F*	1 170	1 379	1 583	1 785	1 982	2 177	2 371	2 559	2 931	3 303	3 671	4 037
	@ 100°F/68°F*	290	338	389	437	485	532	577	618	703	792	877	962
26"	@ 180°F/68°F*	2 518	2 969	3 412	3 852	4 286	4 712	5 139	5 562	6 394	7 217	8 025	8 827
	@ 140°F/68°F*	1 317	1 553	1 781	2 006	2 232	2 453	2 668	2 880	3 300	3 719	4 136	4 545
	@ 100°F/68°F*	324	382	437	491	546	597	648	696	792	891	986	1 082
35" (34 4/5)	@ 180°F/68°F*	3 364	3 965	4 559	5 142	5 722	6 292	6 862	7 425	8 541	9 636	10 718	11 786
	@ 140°F/68°F*	1 761	2 071	2 378	2 682	2 979	3 276	3 562	3 849	4 408	4 968	5 521	6 067
	@ 100°F/68°F*	433	508	583	655	727	798	863	928	1 054	1 187	1 317	1 447
38" (37 5/7)	@ 180°F/68°F*	3 644	4 296	4 937	5 572	6 200	6 817	7 435	8 046	9 254	10 441	11 612	
	@ 140°F/68°F*	1 907	2 245	2 576	2 907	3 228	3 549	3 863	4 170	4 777	5 384	5 981	
	@ 100°F/68°F*	471	553	631	713	788	863	938	1 007	1 143	1 286	1 426	

*outputs based on water supply temperatures @ 20° Δ T x 68°F room temperature

GUARANTEE PERIOD

RADIK, KORALUX, KORATHERM

We provide the following guarantee period for leakage and declared heat outputs and technical parameters of our radiators placed in hot water systems:

10 years.....guarantee Steel Panel Radiators RADIK

5 years.....guarantee Towel Rail Radiators KORALUX,

Design Radiators KORATHERM.

2 years.....guarantee RADIK V-POWER

The KORADO, a.s. doesn't assume any responsibility for deformations and damages caused during their transportation, handling and storage. The guarantee doesn't apply to mechanical and other damages caused by unprofessional or unskilled installation of radiators or damages caused by incompetent electrical or plumbing installation. The detailed operation and guarantee conditions including the complaint procedure are stated in The Sales and Delivery Terms of the company KORADO, a.s.

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



code 58
Black Matt



*PLAN SET / LINE SET - available versions of detachable front panels

The models RADIK can be complemented with a new front panel in the version PLAN or LINE in basic white RAL 9016. Front panels are available also in other colours from RAL colour range with an extra charge. For more information see please www.korado.com or our technical brochure



PLAN SET



LINE SET

Notice:

The colour of the radiator may vary in comparison with the colour shown in the colour card. The standard paint finish is RAL 9016, other colours from KORADO colour range with an extra charge 30 %. Radiators can be ordered also in other colours from RAL colour range with an extra charge 40 %.

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

KORADO®

 KORADO®

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

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

Ev. č.: 11/23.125.1 EN

KORADO®

KORADO®

KORADO®

KORADO®