

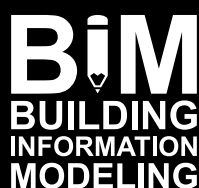
FREE-STANDING CONVECTORS WITH FORCED CONVECTION

KORALINE Optimal-V LVO



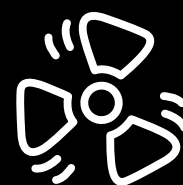
SUITABLE FOR LOW TEMPERATURE SYSTEMS

Convectors achieve high efficiency even at low temperature gradients and are ideal for heating buildings where the heat source is a heat pump, solar system or condensing boiler.



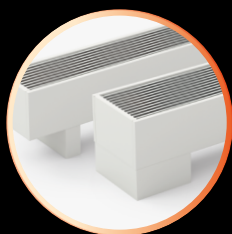
MagiCAD SUPPLEMENTARY DOCUMENTATION

Free download of comprehensive functional data for integrated engineering calculations, 3D views and precise technical specifications.



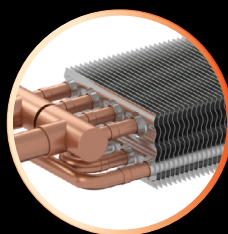
UNIQUE FANS

Fans with EC aluminium motors are characterised by low power consumption and quiet operation. Advanced electronics guarantee fan speed and heat output.



DIMENSIONAL SERIES INNOVATION

Bench convectors with fans are now available in two standard widths – 180 and 230 mm. Lengths are available from 900 to 2,800 mm. Both of these two widths can be fitted with stand cover and connections.



HIGH HEAT OUTPUTS

Specially designed Al/Cu heat exchangers ensure better convector performance. This makes heating more efficient and results in financial savings as well as increased thermal comfort in the room.



WIDE RANGE OF COLOURS

RAL 9016 white or black RAL 9005 are the standard lacquers. Other finishes are available in addition to the current RAL colour chart in the catalogue.

KORALINE Optimal-V LVO

Specification

Height	150 mm
Width	180, 230 mm
Length	900, 1 200, 1 600, 2 000, 2 400, 2 800 mm
Heat output	from 209 to 6 061 W
Max. operating pressure	1.2 MPa
Max. operating temperature	110 °C
Max. surface temperature	40 °C
Connection thread	internal G 1/2"
Hydraulic connection	lower (recommended), right-side



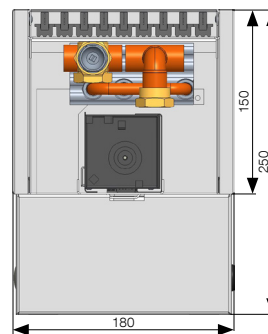
The **KORALINE Optimal-V LVO** range of free-standing convectors is equipped with a specially designed Al/Cu heat exchanger and a set of low-energy, high-performance fans with minimal power consumption to ensure that the convectors achieve high efficiency even at low temperature gradients. This type of convector is thus ideal for buildings with low temperature systems such as heat pumps, solar systems, condensing boilers etc. The convectors can be controlled via BMS and due to their immediate response to changes in room temperature, very quiet operation and low surface temperature, they are suitable for use in family homes, apartment buildings and public areas.

Heat outputs [W] at $t_1/t_2/t_i$ / EN 16430.

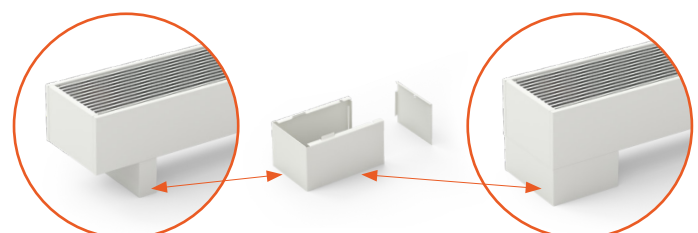
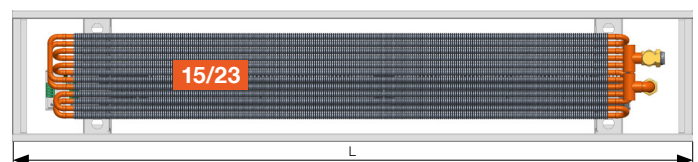
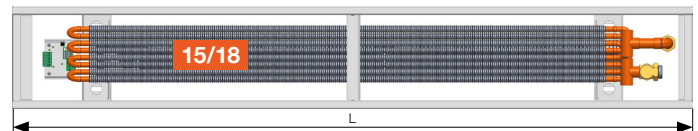
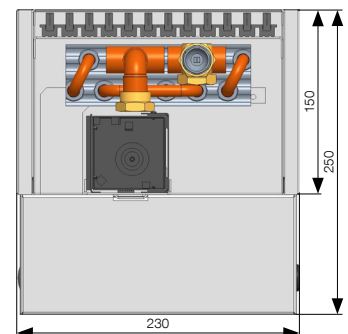
Length	Fan speed setting	KORALINE Optimal-V				Power consumption [W]	Acoustics	
		LV 15/18		LV 15/23			Sound pressure [dB(A)]	Sound power [dB(A)]
		75/65/20 °C	55/45/20 °C	75/65/20 °C	55/45/20 °C			
900	0	209	125	261	156	0	-	-
	1	854	512	986	592	1	19.8	27.8
	2	1 007	604	1 257	754	2	27.6	35.6
	3	1 160	696	1 527	916	3	30.0	38.0
1 200	0	313	188	383	230	0	-	-
	1	1 281	769	1 448	869	2	20.1	28.1
	2	1 511	906	1 846	1 107	3	28.3	36.3
	3	1 740	1 044	2 243	1 346	4	31.0	39.0
1 600	0	452	271	546	328	0	-	-
	1	1 850	1 110	2 064	1 239	2	21.2	29.2
	2	2 182	1 309	2 631	1 578	4	29.5	37.5
	3	2 513	1 508	3 197	1 918	5	32.4	40.4
2 000	0	591	355	709	425	0	-	-
	1	2 420	1 452	2 680	1 608	3	21.9	29.9
	2	2 853	1 712	3 416	2 050	5	30.5	38.5
	3	3 287	1 972	4 152	2 491	6	33.5	41.5
2 400	0	730	438	872	523	0	-	-
	1	2 989	1 793	3 297	1 978	3	22.4	30.4
	2	3 525	2 115	4 201	2 521	6	31.3	39.3
	3	4 060	2 436	5 106	3 064	8	34.5	42.5
2 800	0	869	522	1 035	621	0	-	-
	1	3 558	2 135	3 913	2 348	4	22.7	30.7
	2	4 196	2 518	4 987	2 992	7	31.9	39.9
	3	4 833	2 900	5 661	3 637	9	35.3	43.3

Temperature exponent [n] 1.0000

KORALINE Optimal-V LVO 15/18



KORALINE Optimal-V LVO 15/23



New Floor-level bracket casing optional accessory floor-level bracket casings are designed to cover connections and the edges of floor-level brackets, and must be ordered in pairs.



member of KORADO Group

LICON HEAT s.r.o.

Svárovská 699
Průmyslová zóna Sever
463 03 Stráž nad Nisou
Czech Republic
e-mail: info@licon.cz
www.liconheat.news
www.licon.cz



@licon.cz



@liconcz

