

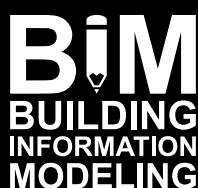
WALL-MOUNTED CONVECTORS WITH FORCED
CONVECTION AND AUTONOMOUS CONTROL

KORAWALL Direct WVD



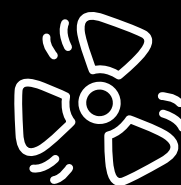
SUITABLE FOR LOW TEMPERATURE SYSTEMS

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.



SIMPLE REGULATION

KORAWALL Direct wall-mounted convectors are equipped with autonomous control including an integrated keypad allowing the fan to be controlled directly on the unit, and an adapter for connection to the mains.



HIGH HEAT OUTPUTS

Specially designed Al/Cu RAL 9005 black lacquered 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.



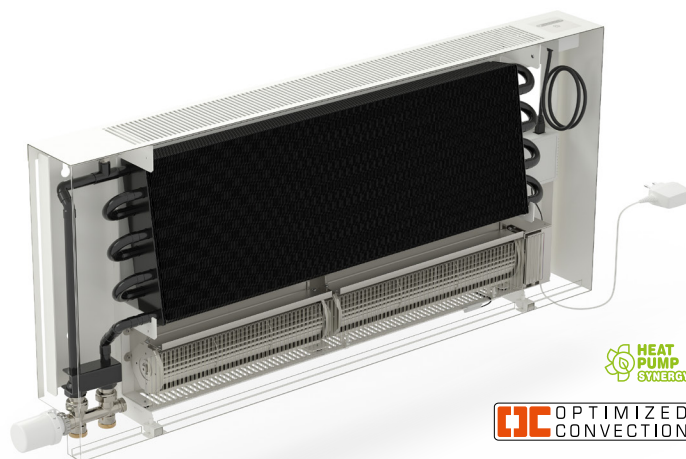
WIDE RANGE OF COLOURS

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.

KORAWALL Direct WVD

Specification

Height	450 mm
Width	110 mm
Length	600, 750, 1 000, 1 250, 1 500, 1 750, 2 000 mm
Heat output	from 190 to 8 960 W
Cooling output	up to 1 419 W
Max. operating pressure	1.2 MPa
Max. operating temperature	110 °C
Max. surface temperature	40 °C
Connection thread	internal G ½"
Hydraulic connection	bottom (right-side or left-side)

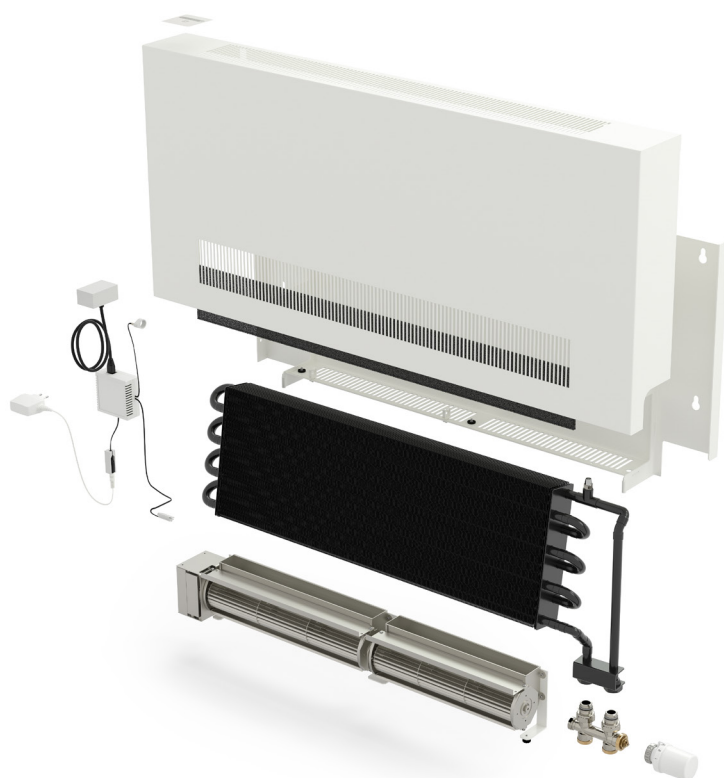


The **KORAWALL Direct WVD** wall-mounted convector is a powerful unit suitable for low-temperature heating. The convector is equipped with a specially designed Al/Cu heat exchanger with low-energy, quiet fan assembly. The convector is equipped with simple autonomous control including an integrated keypad allowing the fan to be controlled directly on the unit. Connection to the mains is via an adaptor. KORAWALL Direct WVD convectors achieve high heat outputs, in addition to cooling in non-condensing zones, which is particularly advantageous in the summer months. The convectors are suitable for a range of building types including new builds, detached houses, office buildings and refurbishments.

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

L [mm]	Fan speed setting	Heat output [W]				Cooling output 16/18/27 [°C]	Power consumption [W]	Acoustics	
		75/65/20 [°C]	55/45/20 [°C]	45/35/20 [°C]	35/30/20 [°C]			Sound pressure [dB(A)]	Sound power [dB(A)]
600	0	190	91	51	26	19	0	-	-
	1	1058	619	404	247	140	2	23.2	31.2
	2	1330	783	514	316	197	3	32.3	40.3
	3	1688	1003	664	411	267	6	40.8	48.8
750	0	278	134	75	38	28	0	-	-
	1	1546	905	591	361	204	2	24.9	32.9
	2	1944	1145	752	462	288	3	34.0	42.0
	3	2467	1467	971	601	391	7	42.3	50.3
1000	0	424	204	114	58	42	0	-	-
	1	2360	1381	902	551	311	3	26.3	34.3
	2	2967	1747	1148	705	440	4	35.2	43.2
	3	3766	2238	1481	918	596	10	43.9	51.9
1250	0	570	274	153	78	57	0	-	-
	1	3174	1857	1213	741	419	3	26.7	34.7
	2	3991	2350	1543	948	592	5	35.3	43.3
	3	5064	3010	1992	1234	802	11	44.9	52.9
1500	0	716	345	192	98	71	0	-	-
	1	3988	2333	1525	931	526	4	28.7	36.7
	2	5014	2952	1939	1191	744	8	37.4	45.4
	3	6363	3782	2503	1551	1008	19	46.4	54.4
1750	0	863	415	232	118	85	0	-	-
	1	4801	2809	1836	1121	634	5	30.2	38.2
	2	6037	3555	2335	1434	895	9	38.9	46.9
	3	7661	4554	3014	1868	1213	22	47.6	55.6
2000	0	1009	485	271	138	100	0	-	-
	1	5615	3285	2147	1311	741	5	30.5	38.5
	2	7060	4157	2730	1677	1047	10	39.0	47.0
	3	8960	5326	3525	2184	1419	23	48.2	56.2

Temperature exponent [n] 1.0369 0.904



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The unit is designed for cooling in the non-condensation zone only, i.e. above the dew-point temperature. The unit is not equipped with condensate drainage.