

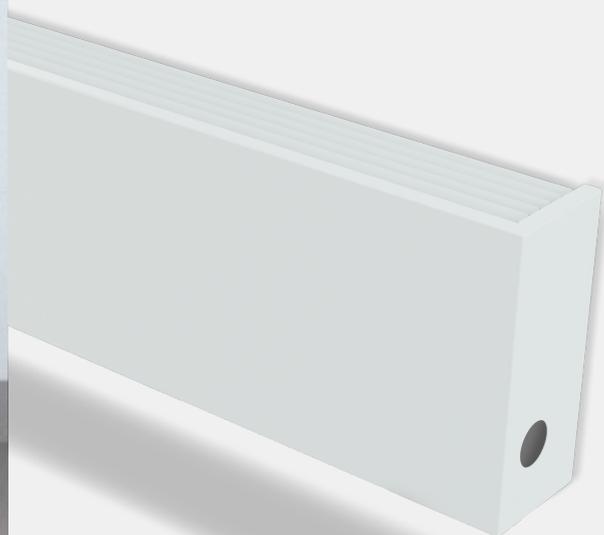


WALL-MOUNTED CONVECTORS WMC

 FOR HEATING

 NATURAL CONVECTION

- 180 models
- Perfect alternative to panel radiators: more economical, more effective and look better
- Attractive classic design
- Tested according to EN442 in independent accredited laboratory
- 10 year warranty for heat exchangers
- Safe casings - all sharp edges are rounded
- Highly efficient, rapid and economic copper – aluminium heat exchangers
- Operating pressure 25 bar
- Good compatibility with heat pumps
- Low surface temperature even at max heating output
- Very easy installation and maintenance



2024

WMC



WALL-MOUNTED CONVECTORS **WMC**

Natural convection wall-mounted convectors WMC are cost efficient and effective heating appliances. They **have a high heating capacity** and can be used as the main heating devices, even in the case of low to medium energy performance buildings.

Due to **extremely low inertia**, can quickly increase and maintain the set room temperature, **providing the room with exactly as much heat as you require just when it is required.**

Create an effective warm air curtain for large windows, without allowing cold to penetrate the premises. The heat is perfectly distributed throughout the room.

The standard colour is white, but they **are also available in other RAL standard colours on request.**

A classic design and a wide range of colour options **allow** the convectors to be **adapted to a wide range of the interior designs and styles.**

The casings are **safe**: they have no sharp edges and do not reach temperatures over 40°C.

The design is simple and has been created for a **fast and easy installation.**



10-year warranty for heat exchangers

We are confident in the longevity of our heat exchangers; therefore, we provide them with a 10-year guarantee.



Tested according to EN442

The outputs of freestanding convectors WMC have been tested by independent accredited laboratories according to the latest standards.

With us, 1 kW means 1 kW.



Maximum operating pressure 25 bar

All the devices are **factory tested** for leaks at a pressure of **30 bar**. The maximum maintained pressure (strength limit) is **110 bar**. Konveka devices easily withstand hydraulic tests and hydraulic shocks and can be installed in extremely tall buildings.



Noiseless

Completely noiseless operation



Reinforced casings

Casings of convectors SC are very sturdy: they can maintain the weight of few people



Small water content

Due to small water content convectors WMC have extremely low inertia. Thus, they precisely maintain set room temperature avoiding redundant overheating



Easy and fast installation

Convectors WMC designed for easy and fast installation and maintenance

OVERVIEW

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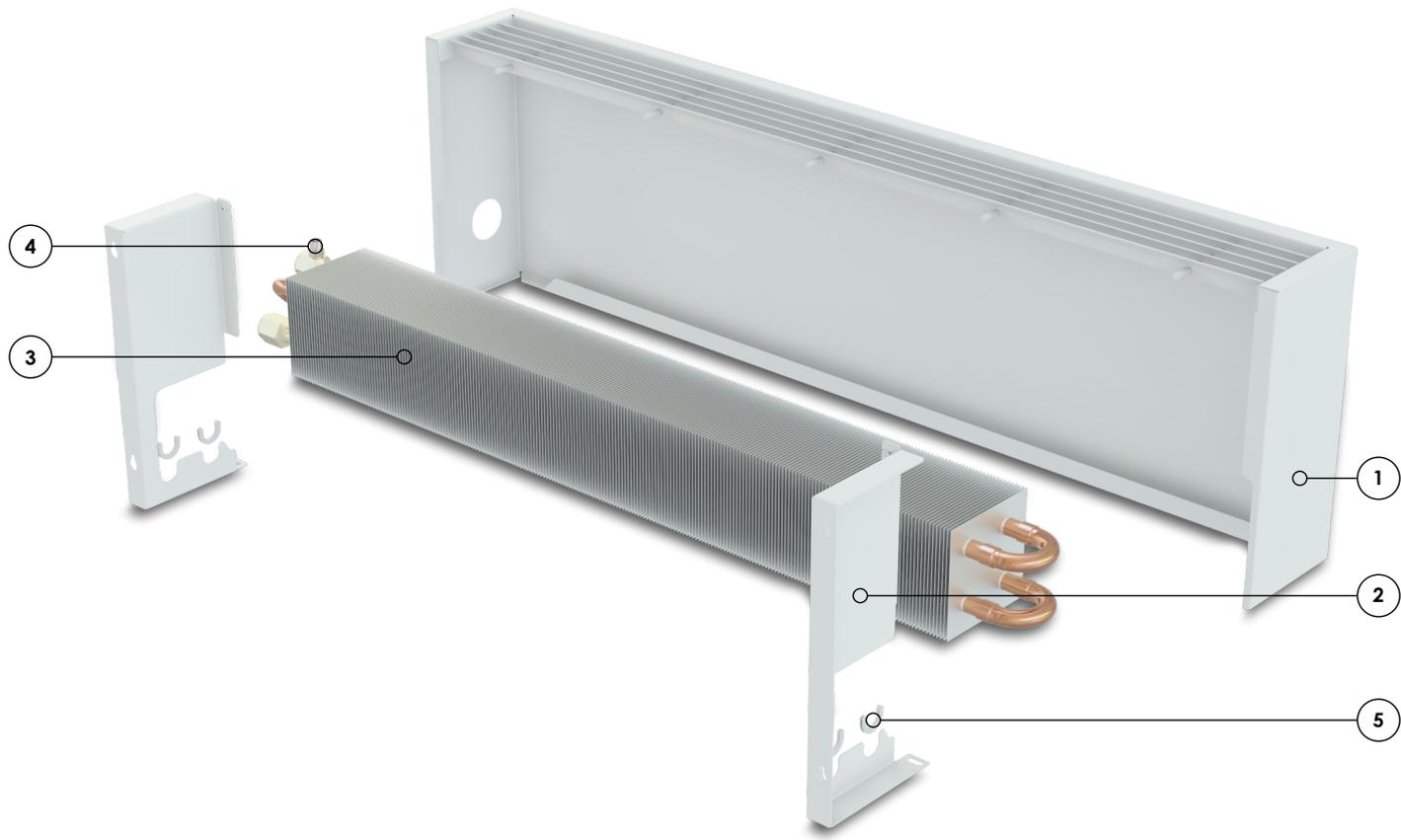
240 models

Length	from 60 to 200 cm
Width	8, 13, 18 ir 23 cm
Height	30, 40, 50 ir 60 cm
Heat output	up to 4 956 W

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STANDARD SET



- ① Powder coated steel casing
- ② Brackets
- ③ Copper aluminium heat exchanger
- ④ Air vent
- ⑤ Heat exchanger fixing-protection elements

All fasteners required for installation
 Installation manual
 Cardboard box

TECHNICAL DETAILS



Dimensions

Length	60 - 200 cm
Width	8, 13, 18 and 23 cm
Height = installation height	30, 40, 50 and 60 cm

Colour

Standard colour	white, RAL 9016
	any RAL colour - optional

Connections to the heating system

Heat exchanger thread	G 1/2" (inner)
Standart conection side	right
Optional conection side	left

Max operating pressure	25 bar
Max operating temperature	2 - 120°C

EN442 certified heat outputs, W (75/65/20°C)

Width, cm	Height, cm	Length, cm														
		60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
8	30	191	239	287	335	383	431	478	526	574	622	670	718	765	813	861
	40	207	258	310	362	413	465	517	568	620	672	723	775	826	878	930
	50	222	277	333	388	444	499	555	610	666	721	777	832	888	943	999
	60	237	297	356	415	474	534	593	652	712	771	830	890	949	1 008	1 067
13	30	395	493	592	691	790	888	987	1 086	1 184	1 283	1 382	1 480	1 579	1 678	1 776
	40	451	563	676	789	901	1 014	1 127	1 240	1 352	1 465	1 578	1 690	1 803	1 916	2 028
	50	490	612	735	857	980	1 102	1 225	1 347	1 470	1 592	1 715	1 837	1 960	2 082	2 205
	60	529	661	794	926	1 058	1 191	1 323	1 455	1 587	1 720	1 852	1 984	2 117	2 249	2 381
18	30	598	747	897	1 046	1 196	1 345	1 495	1 644	1 794	1 943	2 093	2 242	2 392	2 541	2 691
	40	673	841	1 009	1 177	1 345	1 513	1 681	1 849	2 018	2 186	2 354	2 522	2 690	2 858	3 026
	50	747	934	1 121	1 307	1 494	1 681	1 868	2 055	2 241	2 428	2 615	2 802	2 988	3 175	3 362
	60	822	1 027	1 233	1 438	1 643	1 849	2 054	2 260	2 465	2 671	2 876	3 081	3 287	3 492	3 698
23	30	844	1 055	1 266	1 477	1 688	1 899	2 110	2 321	2 532	2 743	2 954	3 165	3 376	3 587	3 798
	40	930	1 162	1 395	1 627	1 859	2 092	2 324	2 557	2 789	3 022	3 254	3 486	3 719	3 951	4 184
	50	1 016	1 269	1 523	1 777	2 031	2 285	2 539	2 793	3 047	3 300	3 554	3 808	4 062	4 316	4 570
	60	1 101	1 377	1 652	1 927	2 203	2 478	2 753	3 029	3 304	3 579	3 855	4 130	4 405	4 681	4 956

Heat outputs at specific temperatures are available at www.konveka.com

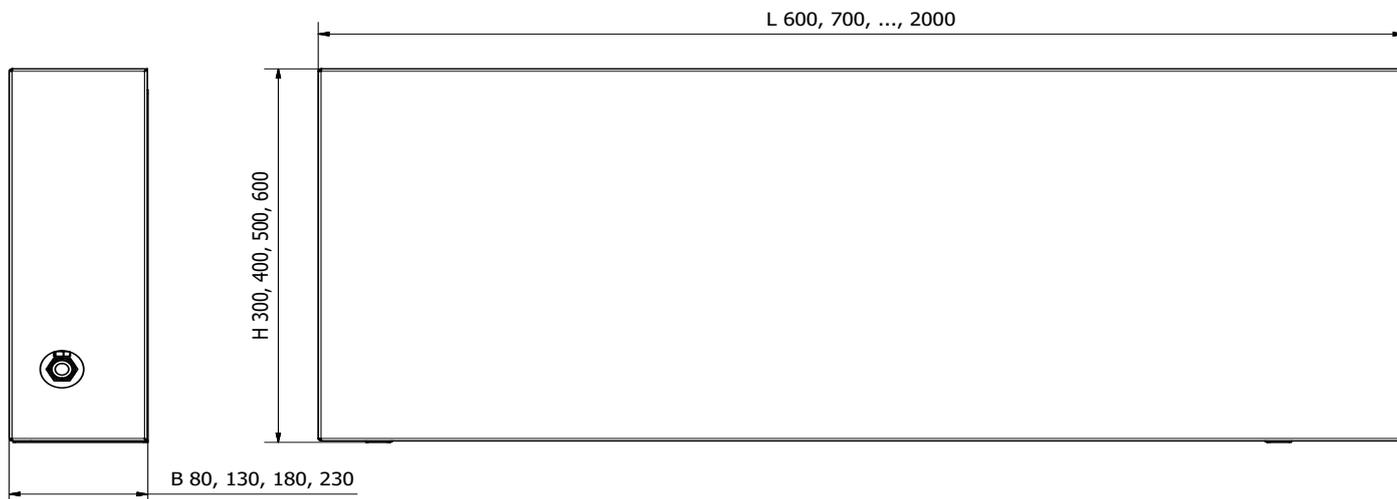
Pressure losses

Width, cm	Height, cm	MAX flow	MAX power	Formulas for pressure losses, Pa
8	30	74	861	$(L-0,225) \times (0,0074 \times q^2 - 0,0501 \times q + 0,0796)$
	40	80	930	$(L-0,225) \times (0,0074 \times q^2 - 0,0501 \times q + 0,0796)$
	50	86	999	$(L-0,225) \times (0,0074 \times q^2 - 0,0501 \times q + 0,0796)$
	60	92	1 067	$(L-0,225) \times (0,0074 \times q^2 - 0,0501 \times q + 0,0796)$
13	30	153	1 776	$(L-0,225) \times (0,0078 \times q^2 + 1,309 \times q - 20,44)$
	40	174	2 028	$(L-0,225) \times (0,0078 \times q^2 + 1,309 \times q - 20,44)$
	50	190	2 205	$(L-0,225) \times (0,0078 \times q^2 + 1,309 \times q - 20,44)$
	60	205	2 381	$(L-0,225) \times (0,0078 \times q^2 + 1,309 \times q - 20,44)$
18	30	231	2 691	$(L-0,225) \times (0,0111 \times q^2 + 2,2429 \times q - 58,22)$
	40	260	3 026	$(L-0,225) \times (0,0111 \times q^2 + 2,2429 \times q - 58,22)$
	50	289	3 362	$(L-0,225) \times (0,0111 \times q^2 + 2,2429 \times q - 58,22)$
	60	318	3 698	$(L-0,225) \times (0,0111 \times q^2 + 2,2429 \times q - 58,22)$
23	30	327	3 798	$(L-0,225) \times (0,0157 \times q^2 + 2,6179 \times q - 40,88)$
	40	360	4 184	$(L-0,225) \times (0,0157 \times q^2 + 2,6179 \times q - 40,88)$
	50	393	4 570	$(L-0,225) \times (0,0157 \times q^2 + 2,6179 \times q - 40,88)$
	60	426	4 956	$(L-0,225) \times (0,0157 \times q^2 + 2,6179 \times q - 40,88)$

L – Length of trench heater (m) q – Flow of energy carrier (l/h)

DIMENSIONS

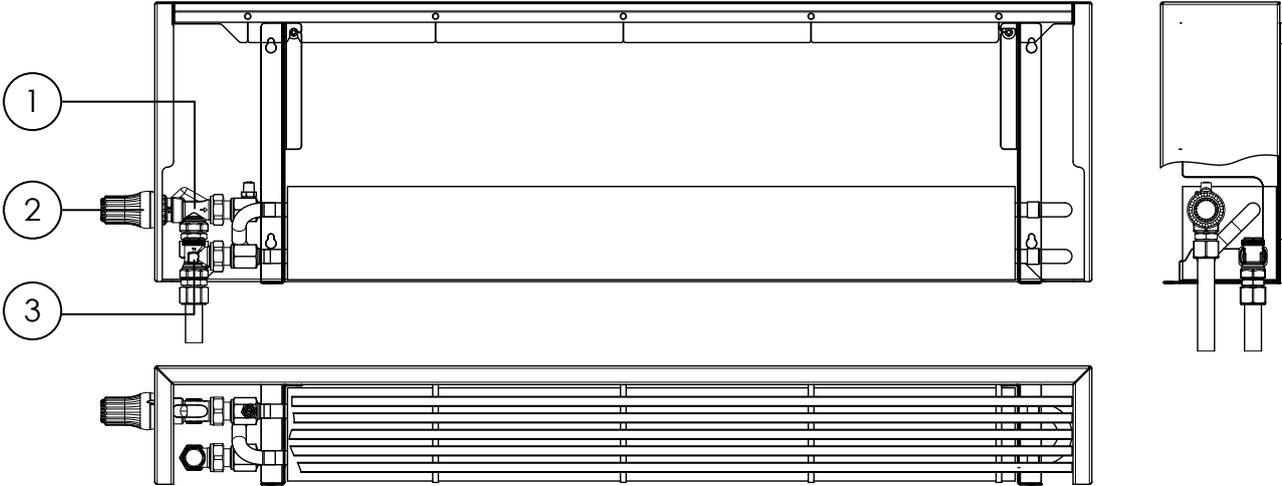
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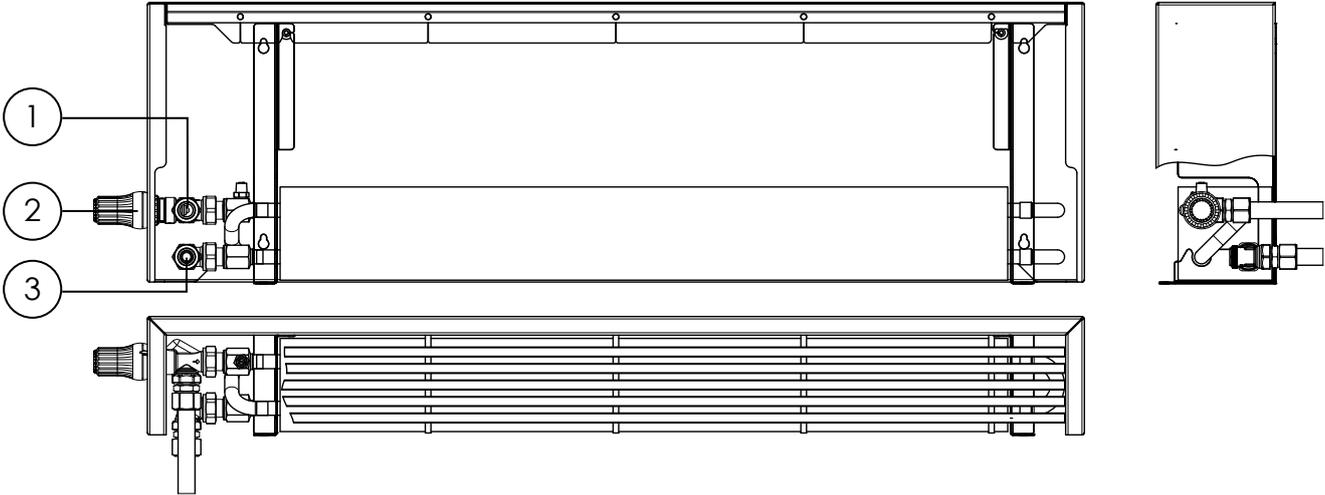
WMC

EXAMPLE OF CONNECTIONS

Connection from the floor



Connection from wall



- ① Thermostatic valve, axial
- ② Thermostatic head
- ③ Angle lockshield valve

ORDER CODE

Type	Length, cm	Width, cm	Height, cm	Example
WMC	100	8	30	WMC 100-8-30



ACCESSORIES

THERMOSTATIC VALVE (AXIAL) **TVA15**

Controls flow of energy carrier. Controlled by thermostatic head TH



Controls flow with thermostatic head

Possibility to close flow and disconnect heat exchanger from heating system without draining

DN15 Kvs = 2,00

LOCKSHIELD VALVE (ANGLE) **LA15**

Opens, closes or limits flow of energy carrier



For energy carrier opening, closing and presetting of maximal flow

Possibility to close flow and disconnect heat exchanger from heating system without draining

DN15 Kvs = 1,74

DN20 Kvs = 1,93

THERMOSTATIC HEAD **TH**

Controls preset room temperature



Temperature range 6°C - 28°C

Accuracy - 0,6K

Max temperature limitation

Frost protection

Thread - M30 x 1,5mm

Body material - ABS

ORDER CODES FOR ACCESSORIES

Accessory	Order code
Thermostatic valve (axial)	TVA15
Lockshield valve (angle)	LA15
Capillary thermostatic head	TH

ABOUT KONVEKA

Konveka is a **full production cycle convector manufacturing company** engaged in this activity **since 2005**. The range of products we develop and manufacture is wide: from simple natural convection convectors to complex devices with fans for heating, cooling and ventilation.

Konveka is a manufacturer of high-quality and reliable convectors:

- We provide a **5 - 10 year warranty for all our products** (except their electrical part) without any additional warranty extension fees.
- **The capacities of all our products are determined by independent accredited laboratories** according to current standards. With us, 1kW means 1kW.
- We **do not use cheap, unapproved solutions or use unreliable materials** when designing and manufacturing our devices.

Although we operate in a highly competitive international market, **we are at the forefront where quality, durability and reliability are valued.**

We are well known in **Eastern and Western Europe, Scandinavia, North America and Central Asia**. Konveka products can be seen in many prestigious buildings around the world: administrative buildings, shopping malls, airports, restaurants, theaters, universities, hotels, apartment buildings and individual homes. Visit our website www.konveka.com for more information.

Konveka consistently wins **national awards** (see below) for **reliability, consistency and business growth**.

Our slogan - **“More than you expected”** reflects the quality of our products and technical solutions, which often exceed customer expectations. We value our customers and are happy to be a part of their successful business.





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