

VKF/TWL FACADE CONVECTORS & TOWEL RADIATORS

MDL: PROFESSIONAL GRADE HVAC SOLUTIONS





FACADE CONVECTOR TYPE VKF

In multi-storey buildings with glazed facades, a facade convection heater is a perfect match. A natural convection mechanism used in facade convection heaters stops cold air from naturally descending and prevents condensation.

The natural falling cold air mixes with the warm air produced by the facade convection heater, keeping the building's occupants from experiencing any discomfort. Facade convection heaters are available in many sizes and colours, fitting well with many facade frames. They will discretely heat any interior.

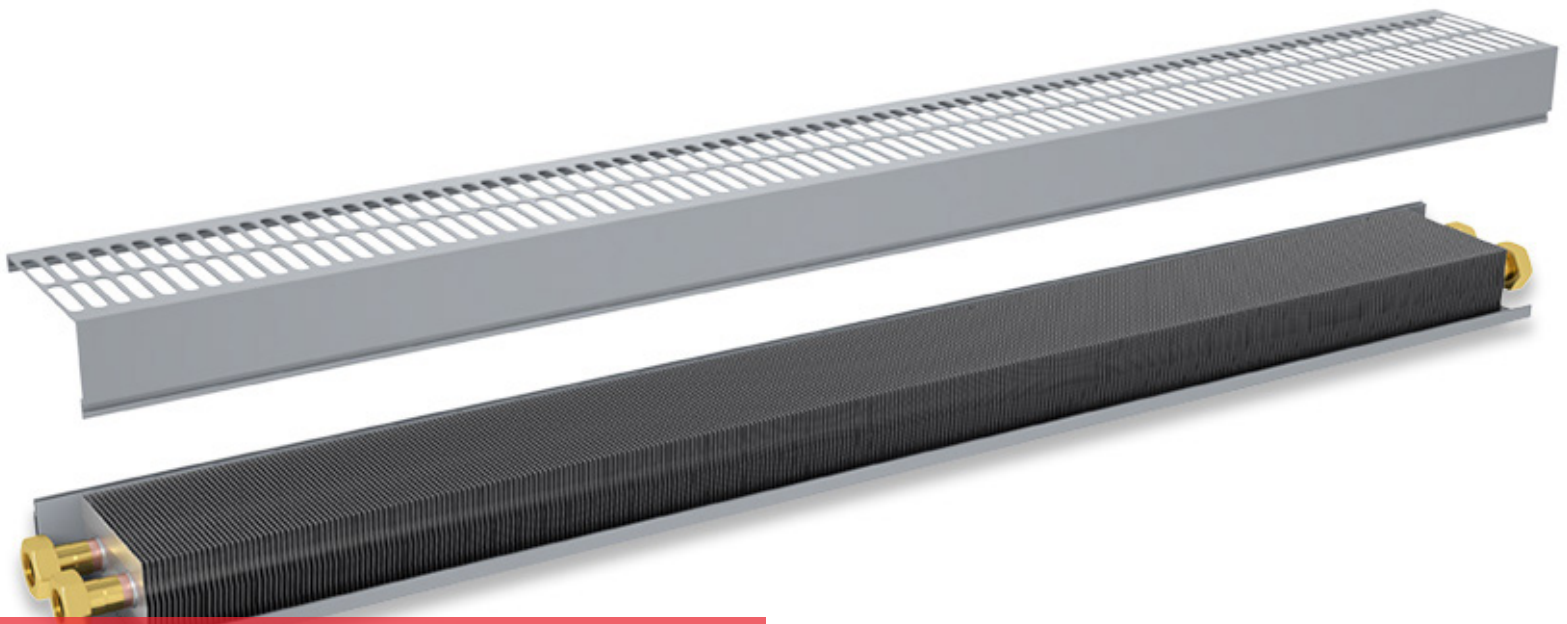
With innovative heating technology and high-quality materials, a facade convection heater is the ideal heating system for multi-storey glazed buildings. Low thermal inertia enables quick reaction for any temperature changes, and efficient heat transfer reduces running costs.

VKF

HEATING OUTPUTS

MODEL	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	EWT/LWT (°F)				
				200/180	180/160	160/140	140/120	120/100
				HEATING OUTPUT (BTU/H)				
VKF-5.5/12/1000-12	2	39.5	4.7	5967	2310	727	165	19
VKF-5.5/12/1500-12	2	59	4.7	8942	3462	1090	248	29
VKF-5.5/12/2000-12	2	78.5	4.7	11934	4620	1454	331	38
VKF-5.5/12/2500-12	2	98.5	4.7	17884	6923	2179	496	57
VKF-5.5/12/3000-12	2	118	4.7	17901	6930	2181	496	57
VKF-5.5/12/3500-12	2	138	4.7	26826	10385	3269	744	86
VKF-5.5/12/4000-12	2	157.5	4.7	17901	6930	2181	496	57
VKF-5.5/12/4500-12	2	177	4.7	26826	10385	3269	744	86

Outputs at Air Temperature = 68°F



VKF

EQUIPMENT

STANDARD EQUIPMENT

- Casing made of aluminum or hot-dip galvanized sheet steel with zinc magnesium coating, powder-coated in RAL 9007
- Copper and aluminum heat exchanger powder-coated in black RAL 9005 with air vent
- Fixing elements
- Water connection 2xIT 3/4

ORDER CODE

VKF-5.5/12/L-12

WHERE:

- H - Heater height [in]
- W - Heater width [in]
- L - Heater length [in]

DIMENSIONS

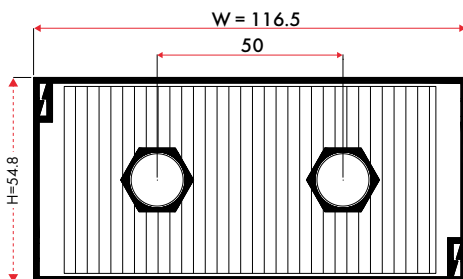
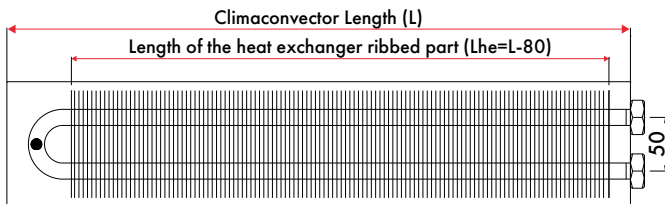
DIMENSIONS	[INCH]
Heater Height (H)	2.2
Heater Width (W)	4.7
Heater Length (L)	27.6 - 629.9
The maximum length of a single element	236.2

Non-standard (NS) length heaters can be made on order.

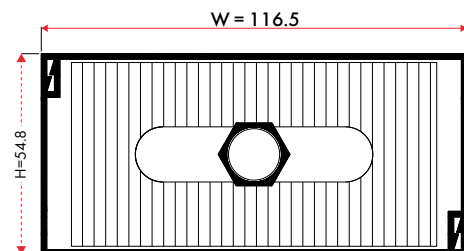
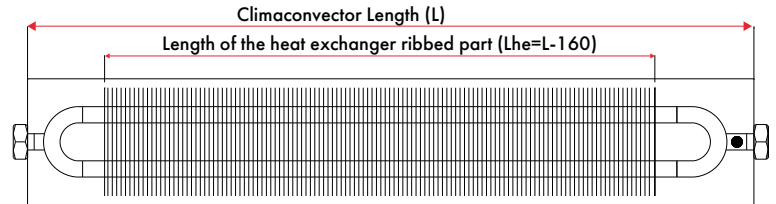
ADDITIONAL EQUIPMENT

- Casing can be powder coated in any RAL color

Heater length $L \leq 26.2$ feet



Heater length $L > 26.2$ feet - $L \leq 52.5$ feet



PLEASE NOTE: IT IS POSSIBLE TO CUSTOMIZE THE LENGTH OF THE CONNECTION CHAMBER TO MAKE CONNECTION VALVES AND PIPES INVISIBLE.

EXAMPLE INSTALLATIONS

An installation without fixed supply and return pipes.



An installation passing through the facade, with fixed supply and return pipes.

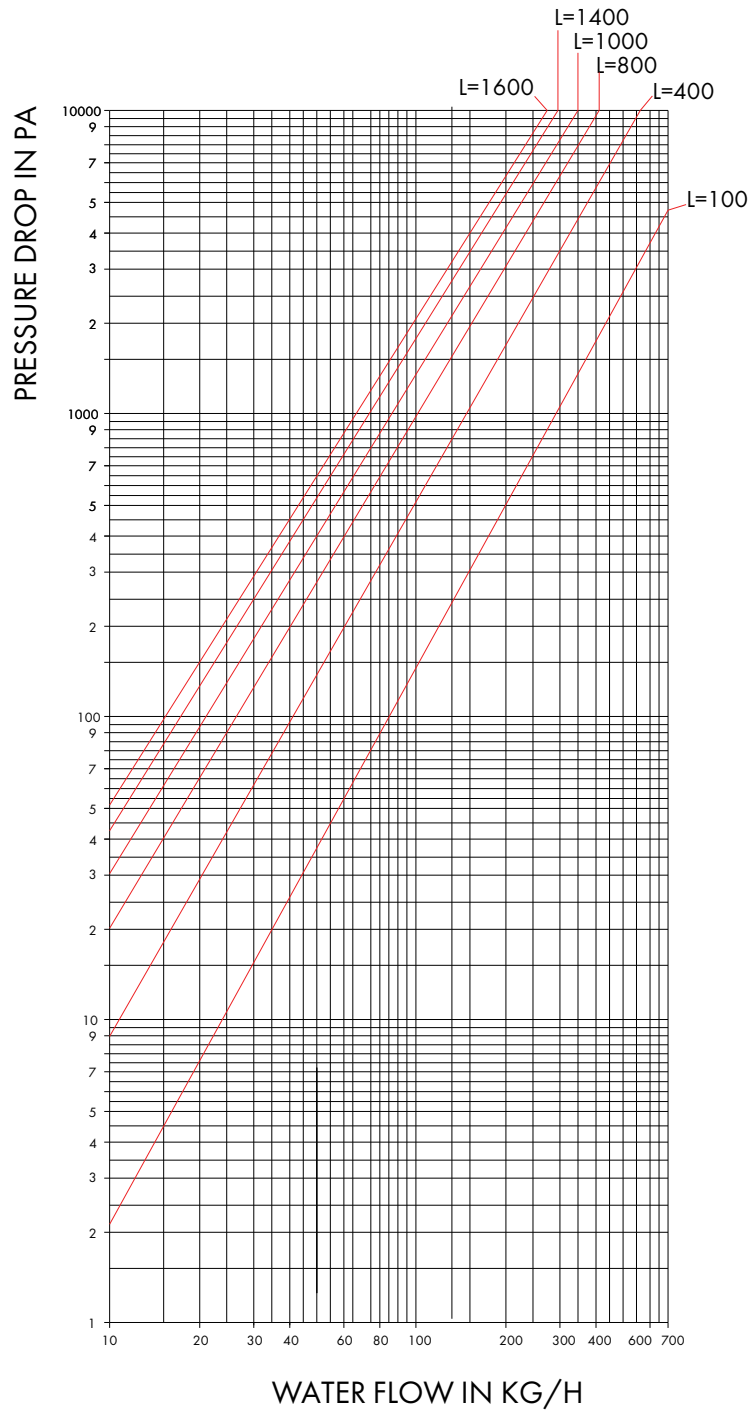


An installation without fixed supply and return pipes, passing through the facade.

ADDITIONAL INFORMATION

Water capacity for 3ft long heat exchanger	0.31 dm ³
Maximum working pressure	1.0 MPa
Test pressure	1.3 MPa
Maximum operating temperature	110°C

PRESSURE LOSSES [Pa]



The manufacturer reserves the right to make changes to the design, colour and specifications of the product shown. All images are for illustrative purposes only and some features such as grilles are optional accessories and not considered as standard equipment.

TOWEL RADIATORS

CASPIAN SERIES

- Easy installation
- Aesthetic and decorative
- Suitable production to EN 442 standards
- RAL 9016 epoxy polyester electrostatic powder paint
- Optimum heat output and number of tubes
- High pressure resistance
- Corrosion resistance
- Straight and curved options
- 4 x R ½" and 6 x R ½" options (bottom middle connection)
- Wide range of dimensions
- Ready to install: relevant wall fixing accessories are included



SIZING

Variety of unit sizes available

Lengths Ranging from 15.5" - 31.5"

Heights ranging from 23.5" - 70.5"

Contact MDL for more information.

VERANO[®]

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