

FLOOR CONVECTORS TYPES

	PRACTIC	DYNAMIC		ACTIV
OPERATING VOLTAGE	230 VOLTAGE	230 VOLTAGE	ECO&SAFE 24 VOLTAGE	ECO&SAFE 24 VOLTAGE
HEAT EXCHANGER	ALCU EXCHANGER	ALCU EXCHANGER	ALCU EXCHANGER	CU EXCHANGER
CONVECTOR TANK	STEEL TANK	INOX STAINLESS TANK	INOX STAINLESS TANK	INOX STAINLESS TANK
REGULATION			IQ REGULATION	IQ REGULATION
MAINTENANCE/ CLEANING				EASY CLEANING

Operating voltage:

230 voltage - convector supply by low voltage of 230V AC, protection by earth, operation under ecologic and safe voltage of 24V DC.

Heat exchanger:

Al/Cu Lamellar Exchanger - Cu-tubes and thermo-exchanging Al-lamellas.
Cu/Cu Wire Exchanger - Cu-tubes and Cu-wire construction.

Convector tank:

INOX STAINLESS STEEL TANK - tank of stainless steel DIN 1,4301.
STEEL TANK - made of galvanized steel with spray layer.

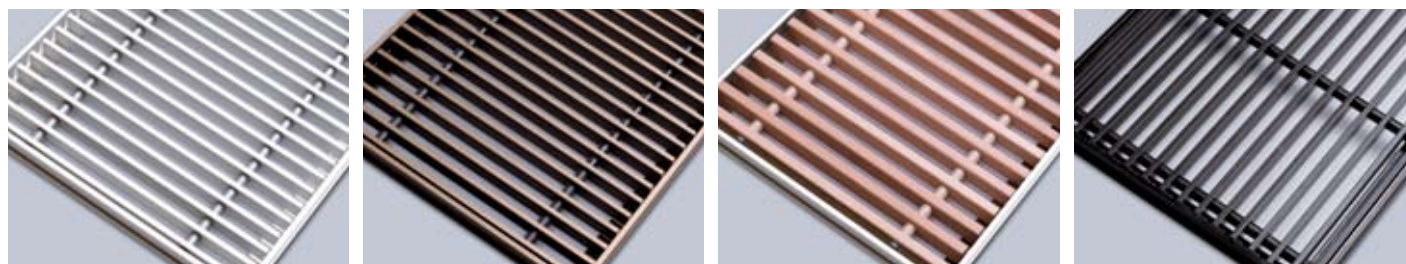
Regulation:

Standard regulation under the operating voltage of 230V; three stages of fan engine revs; heating medium circulation and revs blocking available.
IQ regulation - convector running regulation according to ambient temperature. Speed correction, frost protection, window sensors, algorithms avoiding an undesirable heat post and local freezing. Automotive mode for comfortable year-round operation.

Cleaning:

Standard floor convectors should be cleaned with maximal carefulness in order to avoid any damage of the lamellar exchanger.
Easy cleaning - the solid construction of wire exchanger withstands a higher strain by mechanic cleaning (broom, Hoover).

GRILLS



Al-Grill

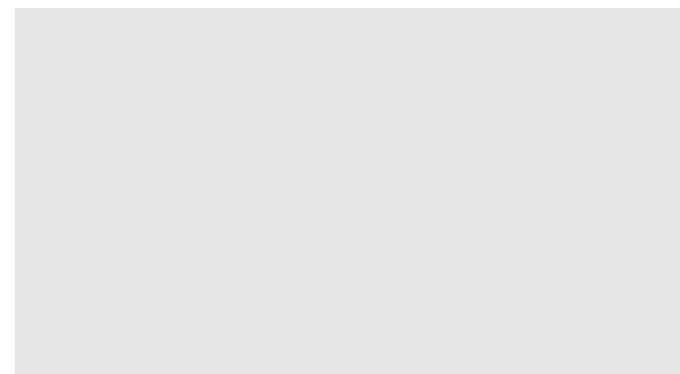
Bronze Grill

Wooden Grill

Linear Grill



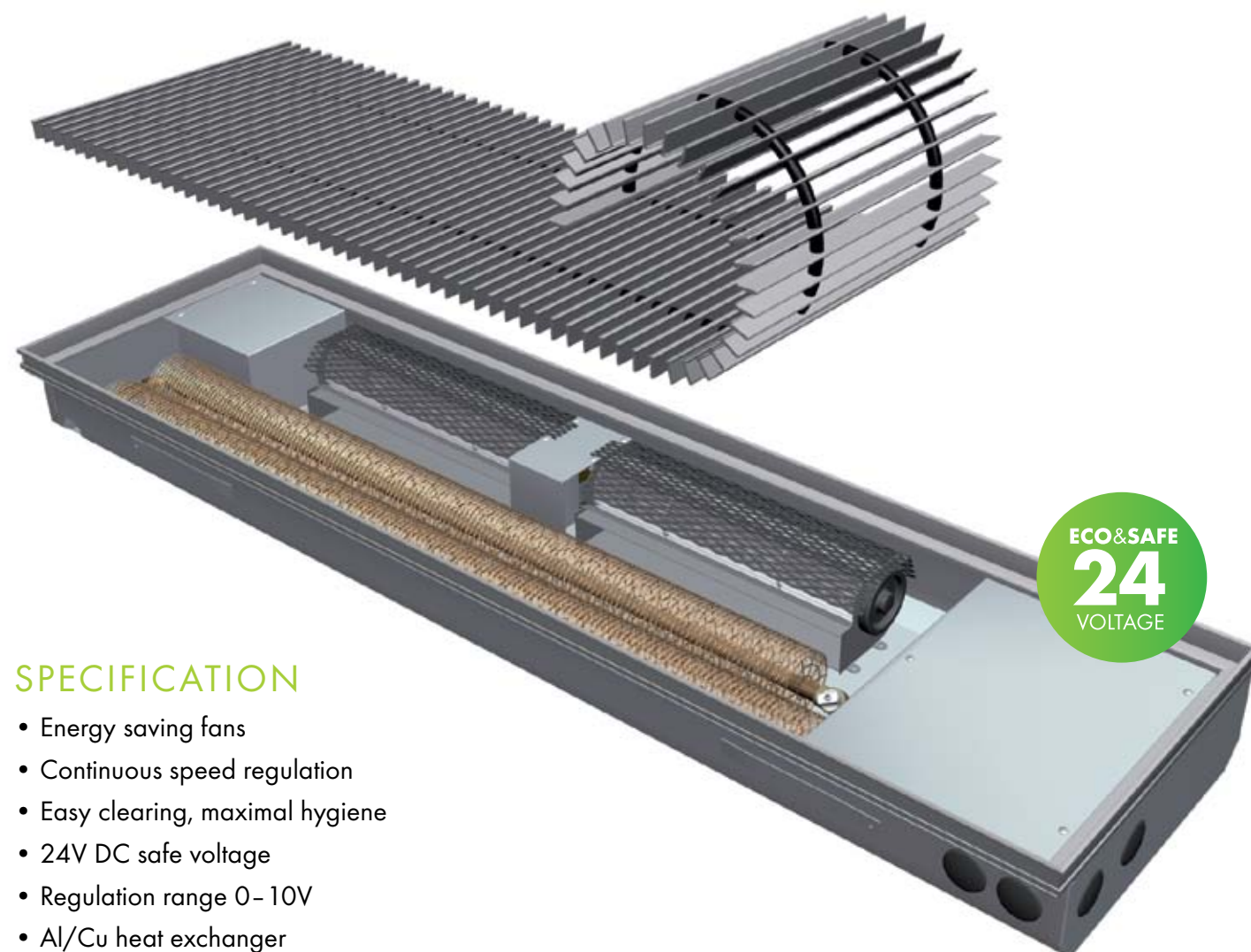
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FLOOR CONVECTORS



TERMO ACTIV



SPECIFICATION

- Energy saving fans
- Continuous speed regulation
- Easy clearing, maximal hygiene
- 24V DC safe voltage
- Regulation range 0- 10V
- Al/Cu heat exchanger
- Integration to BMS-System
- Atypical versions

Termo activ is ideal model suitable for modern building development, low-energy and passive houses and for "Green Energy" Projects. A wide assortment exclusively constructed for safe and economical **24V DC** operating voltage. Floor convector with intelligent regulation is a guaranty for comfortable heating. Continuous speed regulation evaluates the real room temperature and the same of the heating medium, controls open window sensors. The integrated algorithm system optimizes the heating body operation and so guarantees minimizing of heat losses and economic heating. Thermostat mode for comfortable automatic control. 24 V DC safe voltage and high efficiency are the basic attributes of the new series of ISAN TERMO ACTIVE floor convectors.

Floor convectors equipped with **Cu/Cu wire exchangers unique extra products with respect to hygiene** - easy cleaning of the unique wire exchanger, its mechanical resistance or stable characteristics at Cu/Cu-contact avoiding thermal losses etc. The Range includes models with fans and natural convection; heating and cooling modes. A wide assortment of models and types. The stainless steel tank is covered by in an aluminium frame and grill. Length and height modifications, pointed or angular forms and other atypical shapes are available. Grills: Al-roll grills, wooden natural or stained grills.



Wire Exchanger

TERMO DYNAMIC



SPECIFICATION

- Flats, family houses, offices, corridors
- High heating efficiency
- Forced convection by tangential fans
- Noiseless run
- 24V DC safe voltage
- Electric power low consumption
- Easy control

Convectors series equipped with **Al/Cu lamellar exchanger**. A wide range of convectors with tangential fans or natural convection; heating and cooling modes. Stainless steel tank is fixed in a massive aluminium frame. Length and height modifications, cranked or arched forms and other atypical shapes are available. Grills: Al-roll grills, raw or stained wooden roll grills, linear grills. Colours as per the client's wish.

A wide assortment of convectors, operating voltage of **230V AC**. Suitable for industrial structures and specific projects due to the extensive variability. New offer: Models with continuous speed control under the operating voltage of 24V DC (power saving fans, continuous speed regulation, **24V DC** safe voltage, control in the range of 0-10V, Al/Cu heating exchanger, integration to BMS-System). A new generation of modern convectors.



Al/Cu- Lamellar Exchanger

TERMO PRACTIC



SPECIFICATION

- Flats, family houses, offices, corridors
- High heating efficiency
- Forced convection by tangential fans
- Noiseless run
- Dry environs

A floor convector with **Al/Cu- lamellar exchanger, above all suitable for individual structures**. Article for spot delivery. Bargain price, approved technology and quality guarantee by the ISAN-Trade Mark.

The convector tank is made of galvanized steel coated with epoxy-polyester spray layer. The framed Al-natur roll grill covers the convector/floor transition. Each convector is equipped with a ZVD001 regulator to control fan engine speeds under the 230V AC voltage. 2 convector types with tangential fans and 3 fanless types are available, both in the lengths of 1200, 1600, 2000, 2200, 2800 mm and height of 115 mm. No dimension modifications or atypical grills and convector shapes are available. Articles for spot delivery.



Outlook of Inner Installation