

Forced-air ovens

Stove furnaces as continuous, chamber, A and trough dryer in accordance with DIN prEN 1539 and VBG 24.

The furnaces are built cost-efficiently, yet to a high quality standard. They are made from electrolytically galvanized 1.25 mm sheet steel. To keep energy consumption down, the number of thermal bridges is kept to a minimum. The insulation consists of mineral fibre boards, offset in several layers, with a standard thickness of 160 mm between inner and outer skin.

The furnace control system consists of one or more temperature sensors and a digital display with a two-point (or three-point) step controller for setting the operating temperature, and setpoint and an actual temperature indication. All further function indicator lamps, such as system On/Off, burner operation On/Off, fan operation, run-on control timer, week timer, main switch and emergency switch are housed in the wall cabinet provided for that purpose. A temperature limiter prevents temperature overshoot. The temperature control allows a constant internal temperature to be maintained.

At a distance of one metre from the furnace and with the furnace door closed, the noise level is ≤ 75 dB(A).



Benefits of insulation

- Very good heat insulating properties
- Exceptional temperature change properties
- Low heat capacity
- Water-repellant
- Non-decomposing



Heating oven for vehicle insulation mats

Forced-air ovens as

- stove furnaces;
- contact moisture dryers;
- carbonization gas burn-off ovens;
- special-purpose furnaces

Burner designs

Indirectly heated through

- gas or oil burner or electrically heated heat exchanger.

Directly heated through

- gas burner without heat exchanger.

Burner control

Single-step or variable from 50 kW



Drying oven for coated corrugated sheet metal