

## Continuous oven with cooling zone

Type  
VDU 120/20/240-200°C

### Application

Annealing of pressure controllers

### Branch

Automation technology,  
automotive suppliers

### Technical Data

Nominal temperature: 200°C,

Heat output: 40 kW

Input voltage:

3 (N) PE AC, 480 V, 60 Hz

### Inner dimensions:

Heating zone (3 control areas)

Width 1200 mm

Height 200 mm

Length 2400 mm

### Cooling zone (2 zones)

Width 1200 mm

Height 200 mm

Length 2000 mm

### Outer dimensions

(incl. inlet and outlet run)

Width 1640 mm

Height 1900 mm

Depth 5740 mm

### System description

- Outer housing made of electrolytically galvanised steel sheet with off-white protective lacquer (RAL 9002)
- Interior housing made of aluminised steel sheet, seal welded
- Pneumatic lift doors
- Horizontal air flow, transversally to conveying direction transverse direction
- Chain conveyor with workpiece carrier
- Conveying equipment in cyclic operation

### Special features

- 3 controlled heating zones
- Spatial temperature distribution  $\pm 4^\circ\text{C}$  at  $185^\circ\text{C}$
- Cooling of the components to  $5^\circ\text{C}$  above ambient temperature in the cooling zone
- Conveying equipment with aluminium workpieces carriers positioning precision  $\pm 0.5$  mm
- Automatic loading and unloading via customer's handling system

