



## MERK PROCESS - 650 L VACUUM DRYING CABINET



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**SKU:** 12022 | **Categories:** [Dryer](#), [Vacuum tray dryer](#)

### PRODUCT DESCRIPTION

Manufacturer : Merk Process (Bucher)

Model: Drycab VDC (Vacuum dryer cabinet)

Type: vacuum tray dryer

Year: 2008

Application: drying and processing of various heat-sensitive products for the food and pharmaceutical industries.

Available documentation



## **A - Vacuum drying cabinet**

Enclosure volume: 656 L

Pressure: - 1 / 0 Barg

Permissible temperature: 200°C

Heating jacket: 2 X 20 L

Pressure: 5 barg

Permissible temperature: 250°C

Materials: 304 stainless steel

Equipment: temperature probes, pressure probes, controlled valves, etc.

## **B - Condenser**

Type: shell-and-tube heat exchanger

Volume 1: 10.7 L

Pressure: -1 / 3 Barg

Permissible temperature: 100°C

Volume 2: 21.7 L

Pressure: 0 / 8 barg

Permissible temperature: 25°C

Materials: 304 stainless steel

## **C - Vacuum pump**

Manufacturer: Elmo Rietschle

Type: rotary vane vacuum pump

## **D - Temperature controller**

Manufacturer : Regoplas

Model: 300LD

Type: dual-circuit temperature controller



Temperature: 300°C

Power: 45 KW

### **E - Cooler**

Manufacturer : AIC Regoplas

Model: TAEvo M10

Power: 2.8 KW

Refrigerant : R407C

### **F - Electrical box**

PLC: Siemens





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Type 300LD/20/FM65/1K/RT50  
No. 125001380001 Year: 2008  
T 300 °C 400 V 3 PE 50 Hz  
Vol. 24 litre 71 A 45.6 kW  
Circuit Diagram No. 40078

**REGLOPLAS** St. Gallen/Switzerland



