

SalvisLab Vacucenter –
Heating Technology with Swiss Precision

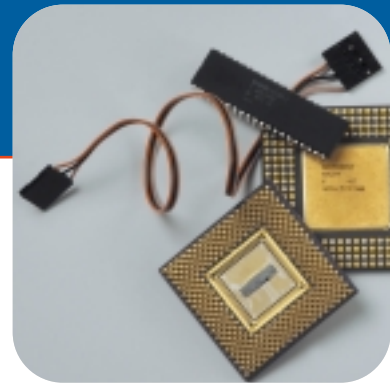


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Vacuum dryer for delicate goods

The SalvisLab Vacucenter represents the optimal solution for oxidation-sensitive substances and thermally instable products. It provides precise thermal conditions in dust-free vacuum atmosphere. These characteristics enable highly successful SalvisLab Vacucenter applications for a wide range of laboratory applications in areas such as chemical engineering, pharmaceuticals, foodstuffs, cosmetics and electronics. The carefully designed wall heating system may be controlled to within 0.1°C and ensures stable temperature conditions over the entire Vacucenter chamber ranging up to + 200°C.



■ **GLP/GMP conformity**
SalvisLab Vacucenters meet GLP and GMP standards.



■ **Safety on all levels**

The Vacucenters feature an exclusive pressure safety system with door safety catch. The sight window consists of double pane safety glass. Heating without vacuum is prevented by means of a pressure threshold switch. Upon door opening, the heating system is immediately turned off. SalvisLab Vacucenters are classified in Safety Class 3.1.



■ Turbulence-free return to ambient atmosphere

Return to atmospheric pressure is enabled by means of a precision needle valve for ambient air or inert gas. A cleverly designed input jet behind a fender plate permits pressurisation of the chamber without causing turbulence.



■ SalvisLab EasyMenu with vacuum level control

In a series of easy to comprehend steps, the exclusive SalvisLab EasyMenu leads the user through application and programming of the Vacucenter. The PID controller featuring fuzzy logic characteristics controls temperature, timing and even the evacuation level. Fifty programs consisting of 15 program steps each are at your disposal for a program duration of up to 999 hours.



■ Easy cleaning

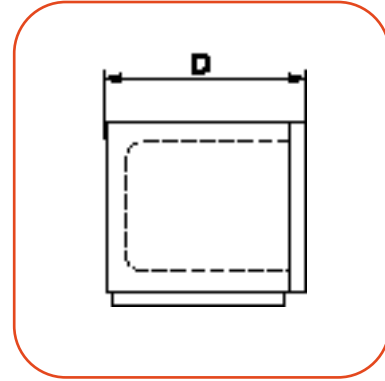
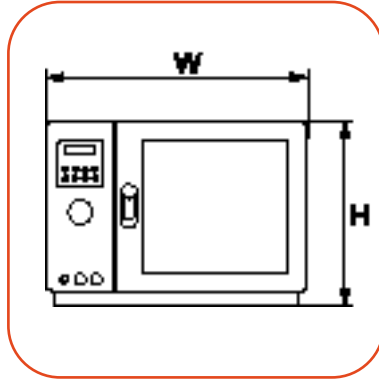
For cleaning purposes, the insert brackets may be removed with just a few easy steps. Inside the chamber, all transitional areas between walls, ceiling and chamber floor are designed with convenient radii to enable easy and efficient cleaning.

■ High Quality Design

The chamber interior as well as ducting and valves are made of high quality stainless steel. The insert panels consist of anodised aluminium, thus enabling efficient heat transfer and best resistance for chemicals.



Technical Data SalvisLab Vacucenter



■ Pressure and temperature performance

Constant chamber temperature and vacuum level are made possible by means of a door seal made of Silicon or Viton™. To maintain proper performance, the door seal may easily be removed for cleaning.

| SalvisLab Vacucenter | VC20 | VC50 |
|--|-------------|-------------|
| Useable volume (l) | 20 | 50 |
| Max. Temperature (°C) | 200 | 200 |
| Outside dimensions (WxHxD) mm | 545x375x425 | 645x475x525 |
| Inside dimensions (wxhxd) mm | 250x250x320 | 350x350x420 |
| Weight (kg) | 34 | 56 |
| Shelves (standard/max.) | 1/3 | 1/5 |
| Shelf load max. (kg) | 20 | 20 |
| Voltage ±10% (V) | 230/115 | 230/115 |
| Temperature variation at 100°C (±°C) | 1.7 | 1.7 |
| Temperature fluctuation at 100°C (±°C) | 0.2 | 0.2 |
| Microprocessor PID controller | • | • |
| Alphanumeric LCD display illuminated | • | • |
| Programming | • | • |
| - Programs x steps | 50 x 15 | 50 x 15 |
| - Temperature, time, gradient | • | • |
| Timer (h) | 999 | 999 |
| RS232/RS422 interface | •/optional | •/optional |
| Digital vacuum indication or control | optional | optional |
| Vacuum pump | optional | optional |
| Safety class | 3.1 | 3.1 |

Note: technical data subject to change without prior notice.

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