Plug-and-Play Vacuum Units for Sterilisers

Vacuum units with liquid ring vacuum pump, separator, condenser and heat exchanger for quick and easy installation
**Preinstalled components in minimum space**

- **Liquid ring vacuum pump**
- **Air discharge opening**
- **Condenser**
- **Separator**

**Process fittings**
- Inlet of condenser cooling water
- Ventilation valve or sensor connection
- Inlet of heat exchanger cooling water
- Inlet of vacuum pump operating water

**Heat exchanger (optional)**
- For cooling of operating water
- For separating the gas-liquid mixture from the process

**Fast installation**
All components of the UniVac compact unit including vacuum pump, separator, condenser and optional heat exchanger are already connected to each other ⇒ simply install the UniVac unit, connect the process fittings and start right away.

**Easy maintenance**
The vacuum pump is designed as cartridge insert for effortless disassembly during maintenance or replacement. Also the heat exchanger and condenser can be replaced without the need to disassemble the piping.

**Intelligent and extremely compact design**
The tried-and-tested two-stage liquid ring vacuum pumps of the VZ series feature particularly low-noise operation and integrated cavitation protection.
Exhaust process air can be directly discharged to the environment. Due to its extremely compact design, the UniVac compact unit requires only minimum space inside the steriliser. If required, the optionally available heat exchanger can be retrofitted.

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**UniVac-30-2**
- Width/height/depth: 340 x 200 x 600
- Weight: 54 kg
- Material design: cast iron
- Power requirements: 1.0 kW (50 Hz) 1.5 kW (60 Hz)
- Q\text{max}: 28 m³/h
- p\text{min}: 33 mbar

**UniVac-50-2**
- Width/height/depth: 340 x 200 x 640
- Weight: 65 kg
- Material design: cast iron
- Power requirements: 1.5 kW (50 Hz) 2.2 kW (60 Hz)
- Q\text{max}: 49 m³/h
- p\text{min}: 33 mbar

**UniVac-100-2**
- Width/height/depth: 340 x 220 x 740
- Weight: 84 kg
- Material design: cast iron
- Power requirements: 3.0 kW (50 Hz) 4.0 kW (60 Hz)
- Q\text{max}: 94 m³/h
- p\text{min}: 33 mbar

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