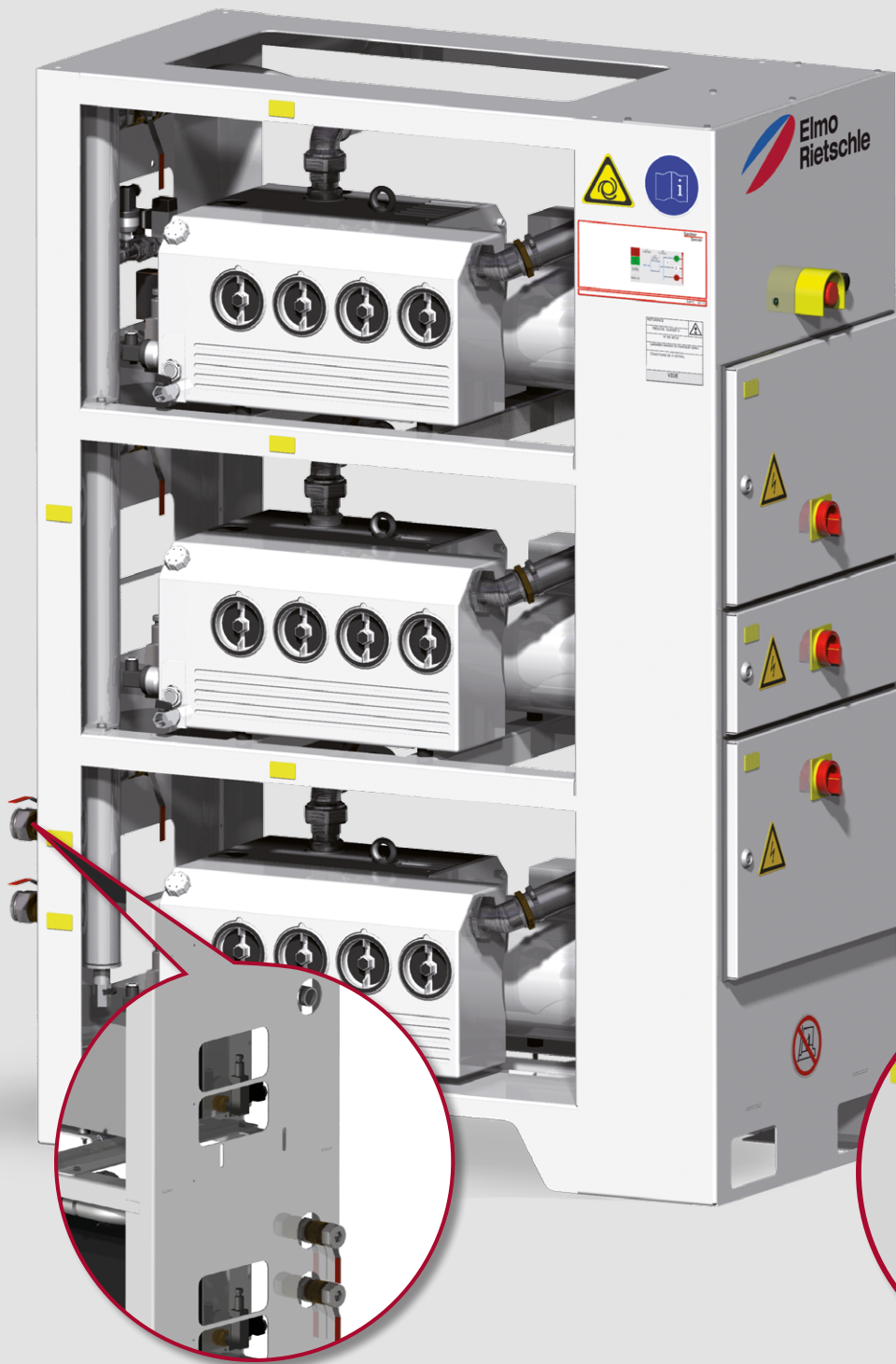




MVL – Vacuum Station for Medical Technology



Vacuum Station with three to six vacuum pumps

- Constructed according to DIN EN ISO 7396-1
- CE certified and 93/42/EEC compliant
- Space-saving design
- „Plug and Play“ installation
- Intuitive operation via touch screen

Fig. without antibacterial filtration and without vacuum receiver

Type	Dimensions ¹⁾			Connection		Motor Power kw	Sound Pressure Level dB(A)	Weight kg
	A mm	B mm	C mm	Filtration [""]	Canister [""]			
MVL 100.3.000	1377	600	1700	1 1/4	1 1/4	3 x 2.2	66 - 69	490
MVL 150.3.000	1377	600	1700	1 1/4	1 1/4	3 x 3.0	68 - 71	497
MVL 202.3.000	1666	650	1950	2	2	3 x 4.5	69 - 72	835
MVL 303.3.000	1666	650	1950	2	2	3 x 5.5	70 - 73	855

1) without accessories

Rotary Vane Vacuum Pumps

- Air cooled (no coolant)
- Suction flow rate from 100 to 300 m³/h
- Vacuum up to -900 mbar
- Highly efficient – low energy use
- Simple maintenance of filter elements thanks to bayonet catch
- Suction filter
- Back pressure valve
- Isolation valve for every pump
- Each pump has its own electric circuit
- Duty lead pump change function is standard
- Remote monitoring via Modbus and volt free contacts
- Constant vacuum regulation

Frame

- Compact footprint
- Control panel integrated into frame
- Free standing, no holding down bolts required
- Common suction port and outlet for all pumps
- Option to connect up to two receivers

Control

- Touch screen to operate the system
- Operation parameter display
- Operational hours, maintenance, and error display

Accessories (optional)

Vacuum receiver

- Vertical or horizontal installation
- Vessel volume of 500 to 2,000 l
- Painted white (RAL 9003)
- Includes vacuum gauge, condensate drain gauge, and connection accessories

Room Temperature Monitoring

- Thermostat for safety shutdown

Antibacterial Filtration

- Duplex bacterial filtration
- For operation of system according to DIN EN ISO 7396-1
- Compact design
- For mounting to the station or into the suction pipe work

Constant Vacuum Valve

- Controls to a narrow pressure band for efficient operation

**Gardner
Denver**

Elmo Rietschle is a brand of
Gardner Denver's Industrial Products
Group and part of Blower Operations

Gardner Denver Schopfheim GmbH

Roggenbachstraße 58
79650 Schopfheim · Germany
Phone +49 7622 392-0
Fax +49 7622 392-300

www.gd-elmorietschle.com · er.de@gardnerdenver.com