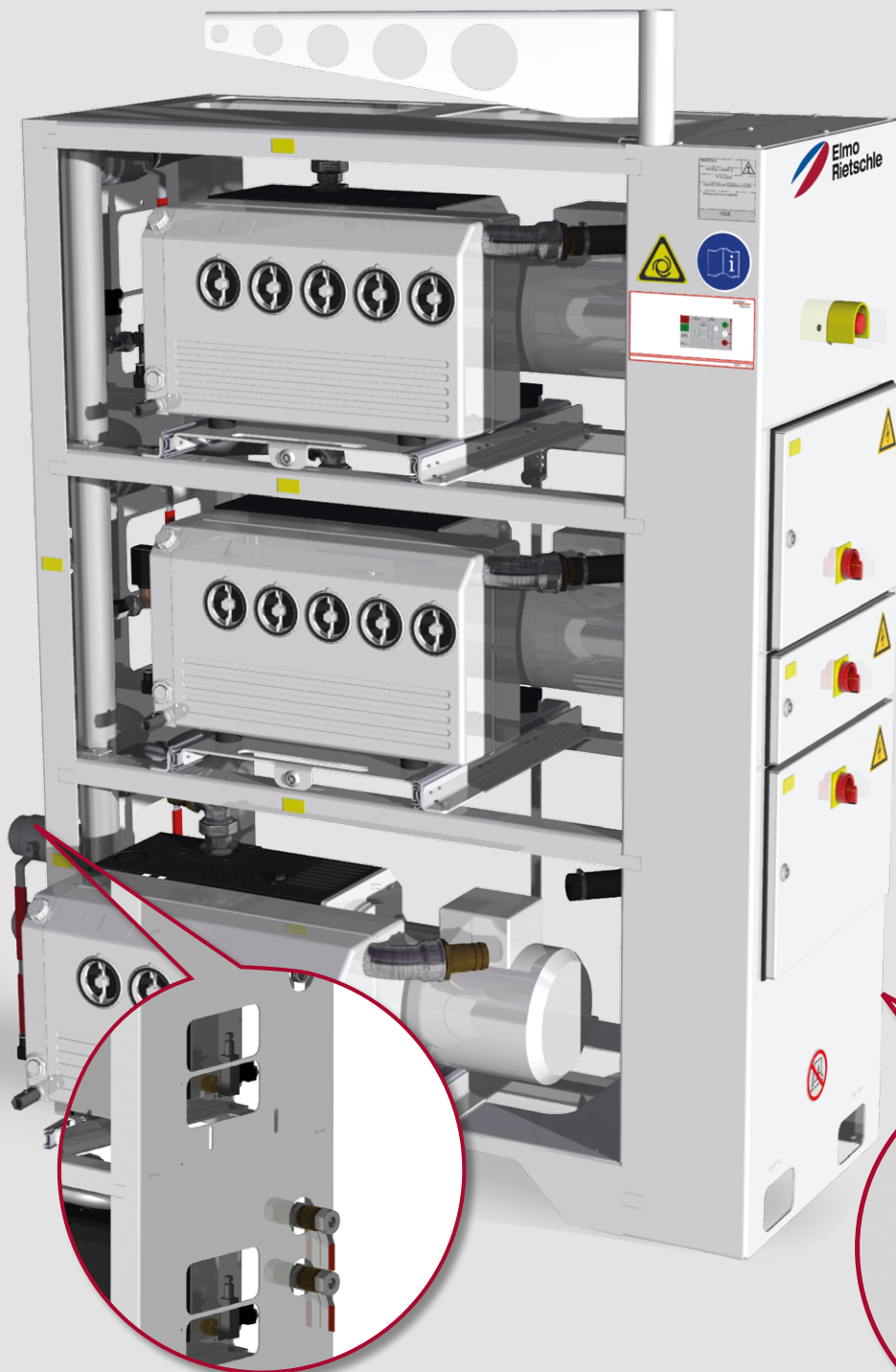




MVC – Vacuum Station for Medical Technology



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
- Simple maintenance thanks to integrated drawers with adjusting and lifting device

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 [""]			
MVC 100.3.000	1577	600	1700	1 1/4	1 1/4	3 x 2.2	66 - 69	530
MVC 150.3.000	1577	600	1700	1 1/4	1 1/4	3 x 3.0	68 - 71	537
MVC 202.3.000	1886	650	1950	2	2	3 x 4.5	69 - 72	865
MVC 303.3.000	1886	650	1950	2	2	3 x 5.5	70 - 73	885

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 valve, 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
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