

VACUUM PUMP SYSTEM

SC 920 G



Technical features

- Remote-controlled for safe operation from outside closed fume hoods
- Automatic, accurate recognition and monitoring of the boiling point using the integrated ramp function
- High recovery rates even with low boiling point solvents
- Integrated gas ballast valve
- Speed-controlled
- Quiet operation
- Optimized suction capacity
- PPS pump head combined with PTFE-coated diaphragm are ideal for aggressive/corrosive gases and vapors

Technical data

| | |
|---|--|
| Flow rate [m³/h] at atm. pressure | 1.26 |
| Flow rate [l/min] at atm. pressure | 21 |
| Ultimate vacuum [mbar abs.] | 2.0 < 5.0 with gas ballast valve in use |
| Nominal voltage [V] | 100 – 240 |
| Frequency [Hz] | 50 – 60 |
| Power P ₁ [W] | max. 135 |
| Operating current [A] | max. 1.7 |
| With overcurrent protection and main fuse | |

OTHER DATA

| | |
|--|-----------------|
| Total weight [kg] | 15.2 |
| Hose connections: | |
| – pneumatic | ID 10 |
| – for coolants | ID 8 |
| – for inert gas | ID 6 |
| Dimensions W x H x D [mm] | 366 x 423 x 294 |
| Gas ballast valve | Yes |
| Size of the separators [ml] | 500 |
| USB connection | Mini-USB |
| Permissible media and ambient temperature [°C] | +5 ... +40 |

MATERIALS

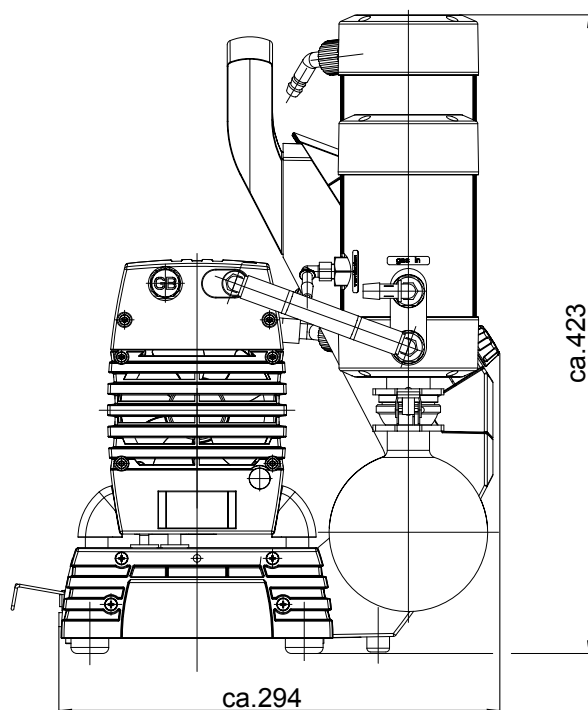
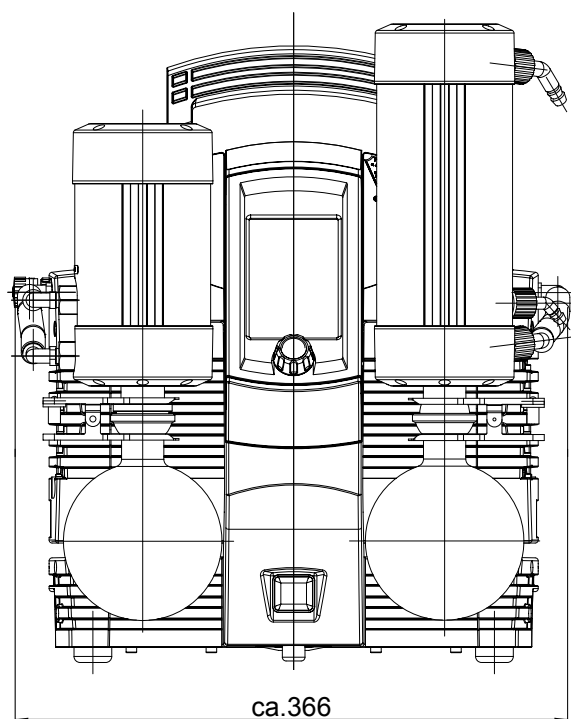
| | |
|------------|----------------------|
| Pump head | PPS |
| Diaphragm | PTFE-coated |
| Valves | FFPM |
| Separators | plastic-coated glass |

REMOTE CONTROL UNIT

| | |
|----------------------|--|
| Quantity | 1 |
| Display | LCD |
| Wireless range | – About 50 m without obstacles – About 10 m through walls |
| Power supply | Through integrated batteries or included power supply |
| Battery service life | Up to 12 hours |
| Charging time | About 7 hours |
| Operation | Touchscreen/Control knob |

Dimensions

SC 920 G



| ACCESSORIES | ID |
|---|--------|
| Coolant valve – G 1/2, ID 8 | 117121 |
| Column fixture for remote control unit | 120132 |
| Wall fixture for remote control unit | 120130 |
| Chemical-resistant protective film for remote control's display | 117407 |
| Charging station | 129478 |

Combination possibilities

