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RVC 300, Control unit gas regulating valves

PFEIFFER VACUUM

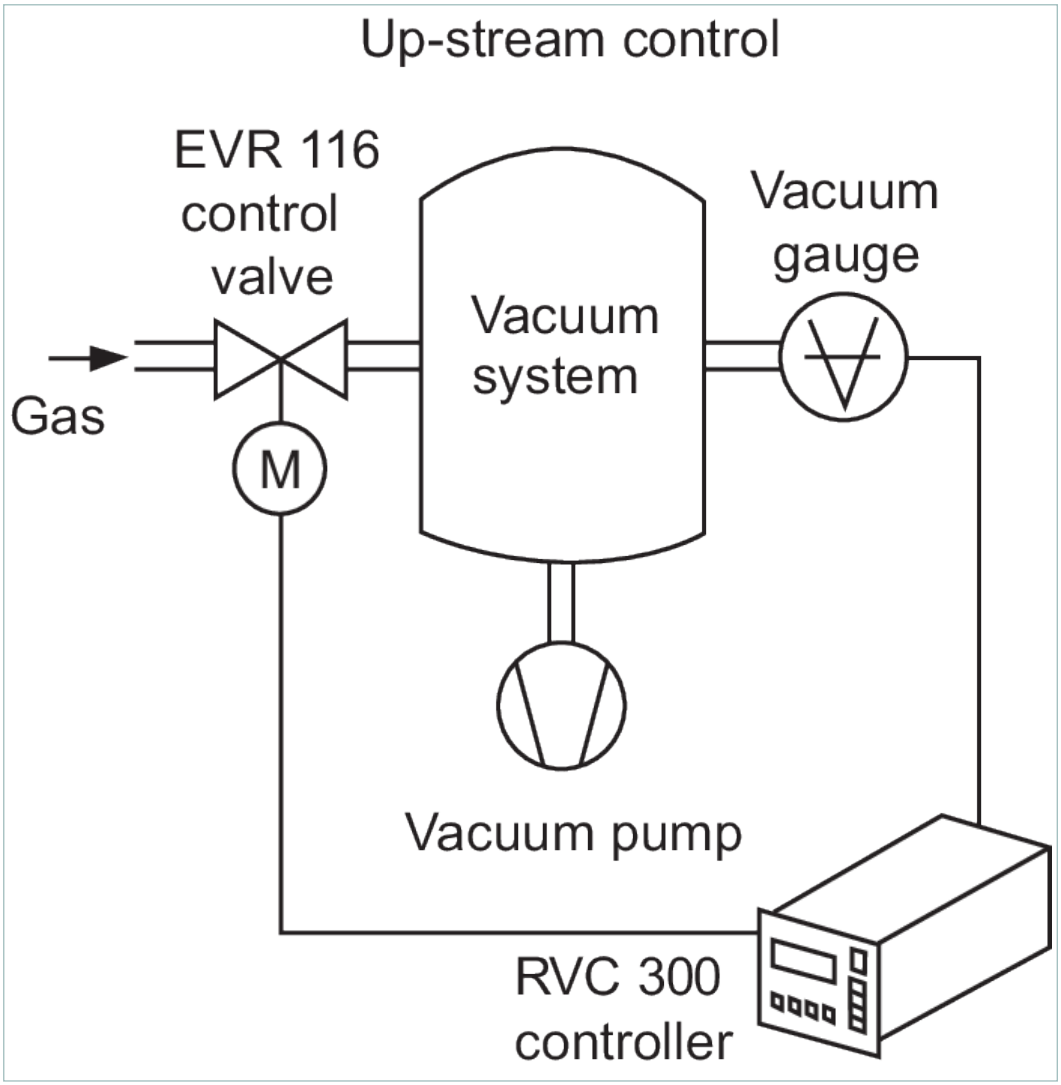


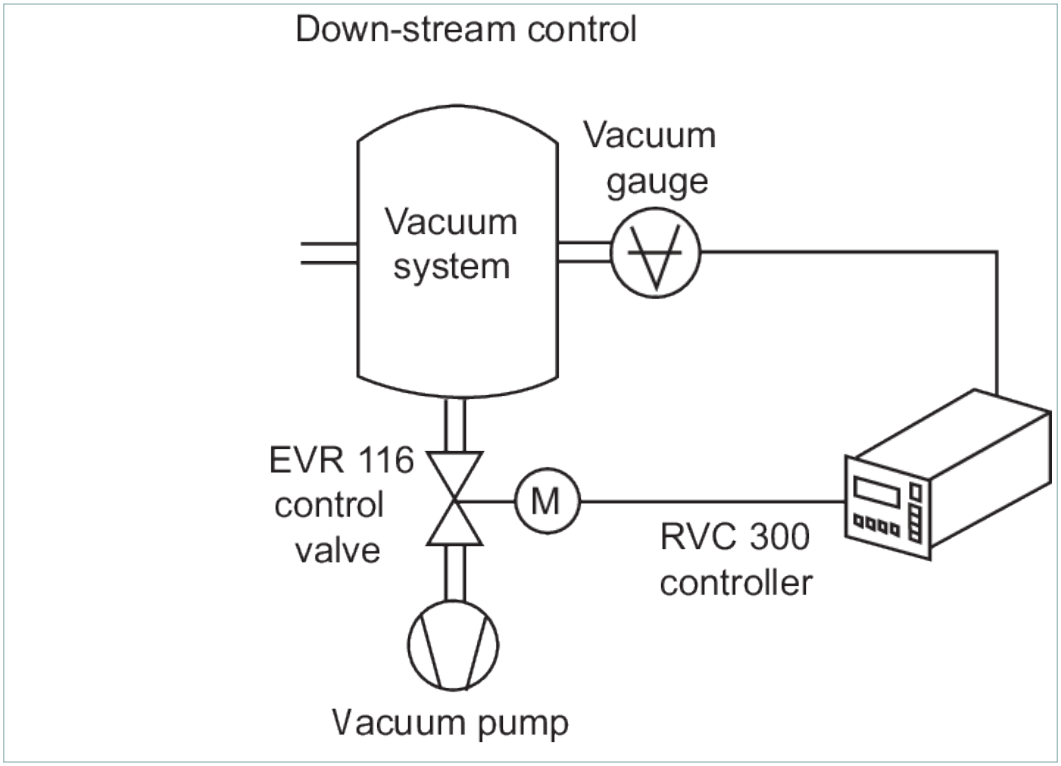
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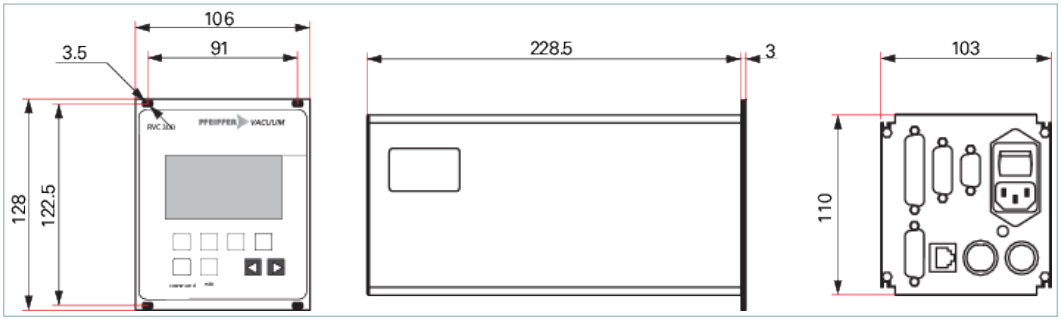
RVC 300, Control unit gas regulating valves

- For creating a control section in conjunction with EVR 116 or RME 005 A regulating valves
- Simple operation
- Self-explanatory LCD display and function keys
- Analog/digital inputs/outputs and interfaces
- Settable PID regulating algorithm
- For system manufacturers, as a supplement to their own control unit

Dimensions







Technical Data	RVC 300, Control unit gas regulating valves
Control range	TPR 280/281: 5 · 10^{-4} – 1000 hPa
Input: Analog	2 channels: Pressure setpoint/Flow setpoint
Input: Digital	8 channels: Flow decrease/ flow increase/ external CLOSE/ external OPEN/ flow mode/ pressure mode/ emission ON/ Degas ON
Input voltage(s)	90 – 250 V AC, 50/60 Hz
Interface: Baud rates	9600 Bd
Interface: Type	RS-232, RS-485
Mains frequency compatibility	50 Hz 60 Hz
Motor for region	Worldwide
Operating temperature	≤ 50 °C | ≤ 122 °F | ≤ 323 K
Output: Analog	4 channels: Pressure sensor signal / valve signal (0–10 V DC) / valve position EVR 116 / + 10 V DC reference voltage (10 mA)
Output: Digital	8 channels: Valve closed/ valve open/ valve in position/ valve error/ sensor error/ ready/ emission ON/ sensor status
Power consumption max.	50 VA
Temperature: Storage	-40-60 °C | -40-140 °F | 233-333 K
Type	Gas control valve

Technical Data	RVC 300, Control unit gas regulating valves
Weight	1.65 kg | 3.64 lb

Order number	
RVC 300	**PF I00 792**

Accessories	
Cables|Connection cables	
RVC 300 - RME 005, connection cable, 3 m	**PT 250 003-T**
RVC 300 - RME 005, connection cable, 5 m	**PT 250 005-T**
RVC 300 - RME 005, connection cable, 10 m	**PT 250 010-T**
RVC 300 - RME 005, connection cable, 15 m	**PT 250 015-T**
RVC 300 - RME 005, connection cable, 20 m	**PT 250 020-T**
RVC-EVR, connection cable, 3 m	**PT 583 115-T**
RVC-EVR, connection cable, 5 m	**PT 583 116-T**
RVC-EVR, connection cable, 10 m	**PT 583 117-T**
RVC-EVR, connection cable, 15 m	**PT 583 118-T**
RVC-EVR, connection cable, 20 m	**PT 583 119-T**
ISO-KF	
EVR 116, Gas control valve, motorized	**PF I39 931 A**
Solenoid actuated	
RME 005 A, Gas regulating valve, solenoid actuated, Control Range from 0.85 to 85 hPa l/s	**PF I13 931**
RME 005 A, Gas regulating valve, solenoid actuated, control range from 0.17 to 17 hPa l/s	**PF I13 932**
RME 005 A, Gas regulating valve, solenoid actuated, control range from 0.085 to 8.5 hPa l/s	**PF I13 933**
RME 005 A, Gas regulating valve, solenoid actuated, control range from 0.017 to 1.7 hPa l/s	**PF I13 934**

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