

# High-vacuum quick action regulator



## Use

For dosing the high-vacuum suction capacity. In combination with an overflow bottle, it is used as a suction unit. The following equipment can be connected to the vacuum regulator:

- overflow bottle
- vacuum nozzle

## Technical data

Type:	chrome-plated all metal design, plug-in or rail unit, vacuum regulation with hand wheel and vacuum gauge
Capacity:	continuously adjustable between 0 and -100 kPa (-1 bar)
Connection:	gas-type specific plug insert according to DIN 13260 Part 2 for vacuum, optional inserts for e.g. AGA, NF S 90-116, Medap-C, BS 5682, NIST
Outlet:	9/16-18 UNF

## Additional information

- Do not turn hand wheel forcibly!
- Never use tools when connecting accessories; all connections can be tightened or loosened by hand.
- The unit meets the basic requirements of the Medical Products Directive 93/42/ECC; Classification: IIa; DIN EN ISO 10079-3
- Suction units should only be operated by personnel trained in these applications.

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## Operation

Plug-in units can be directly plugged into a vacuum outlet; rail units are fastened on the medical instruments rail; vacuum is supplied via the hose connection.

Prior to plugging it into the outlet, the high-vacuum regulator is relieved: turn hand wheel right to the stop and close the quick-action valve. For plug-in units, plug the unit into the gas outlet; for rail units, plug the angle plug into it.

Open quick-action valve, turn hand wheel to the left and set the desired vacuum.

After use, close the quick-action valve and/or turn the hand wheel right to the stop. The vacuum regulator can remain in the outlet, preferably in park position.

## Overflow bottle

Screw empty bottle under the bottle head and connect overflow bottle (by hand!) to the vacuum regulator.

While using it, pay attention to the maximum filling level allowed (unit has an overflow safety)! After use, separate overflow bottle from vacuum regulator, drain and sterilize bottle.

## Service/Maintenance

External disinfection with a cloth is sufficient for all chrome-plated brass parts. Sterilize overflow bottle at 134°C. Let equipment dry completely before using it again.

Prior to each use, make a visual check of the units (external damage). The units should be serviced at least every five years (function and leak test). Failures and damages may only be remedied by authorized expert personnel. For repairs, use only original GREGGERSEN spare parts!

