

Small suction unit

Compressed air operation / Vacuum operation



Compressed air operation



Vacuum operation

Use

To exhaust or drain liquids and gases. Complete with vacuum gauge, needle valve, quick-action valve and 0.25-liter secretion bottle. For coupling into a vacuum or compressed air outlet.

Technical data

Type:	chrome-plated all metal design, plug-in or rail unit, bypass principle, needle valve and quick-action valve, vacuum gauge.
Capacity:	compressed air operation: continuously adjustable between 0 and -90 kPa vacuum operation: continuously adjustable between -20 and -90 kPa maximum flow > 20 l/min. admission pressure: 500 kPa \pm 50 kPa or, respectively -95 kPa propellant gas: at -85 kPa = 30 l/min.; at -40 kPa = 15 l/min.
Connection:	gas-type specific plug inserts according to DIN 13260 Part 2 for oxygen, compressed air and vacuum
Outlet:	9/16-18 UNF, nipple for silicone hose 14x3 propellant gas line at the compressed air regulator is conically shaped for a bacterial filter.

Additional information

- Bypass bore and propellant gas outlet must always be free since the fine vacuum adjustment would otherwise be impaired.
- Do not forcibly close needle valve or quick-action valve: the valve seat may be damaged.
- Never use tools for connecting the 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 their use.



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Operation

Plug-in units can be directly coupled into a vacuum outlet; rail units and portable units are fastened on the medical instruments rail; vacuum or compressed air is supplied via the hose connection.

Prior to plugging the unit into the gas outlet, close needle valve and quick-action valve of the vacuum or the compressed air regulator. For plug-in units, plug the unit into the outlet; and for rail units and portable units plug the angle plug into the outlet.

Open the quick-action valve completely (turn by 180°) and adjust the desired vacuum with the needle valve. Suction can be interrupted any time with the quick-action valve without changing the set value.

After use, close the needle valve and the quick-action valve. The plug can remain in the outlet, preferably in park position.

Overflow bottle

Screw empty bottle under the bottle head, and connect the overflow bottle (by hand!) to the vacuum regulator or, respectively, the compressed air regulator.

During use, pay attention to the maximum filling level allowed (the unit has an overflow safety)! After use, separate overflow bottle from vacuum regulator; drain and disinfect 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 silencer wadding in the compressed air ejector should be checked annually for contamination and replaced as needed. 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!

Spare parts:

- 100.116 O-ring 13x2.5
- 100.112 Washer
42x34x2 SBR 65

- 100.043 O-ring 5x1
- 100.114 Secretion bottle
- 100.122 Silencer wadding

