



MINI PNEUMATIC PUMP SETS DOP 06 and DOP 10

Mini pneumatic pump sets are small independent vacuum-producing units, exclusively supplied with compressed air, with reduced size.

They are composed of:

- A small welded sheet steel tank
- A shut off valve to intercept compressed air
- A pressure regulator with filter and pressure gauge
- A compressed air vacuum generator
- A pneumatic drive valve for supplying the vacuum generator operated by the vacuum switch
- A pneumatic vacuum switch for adjusting the level of vacuum
- A vacuum gauge for reading the level of vacuum
- A manual valve for vacuum interception
- A suction filter with FC series paper cartridge
- A cock for condensation drainage from the tank

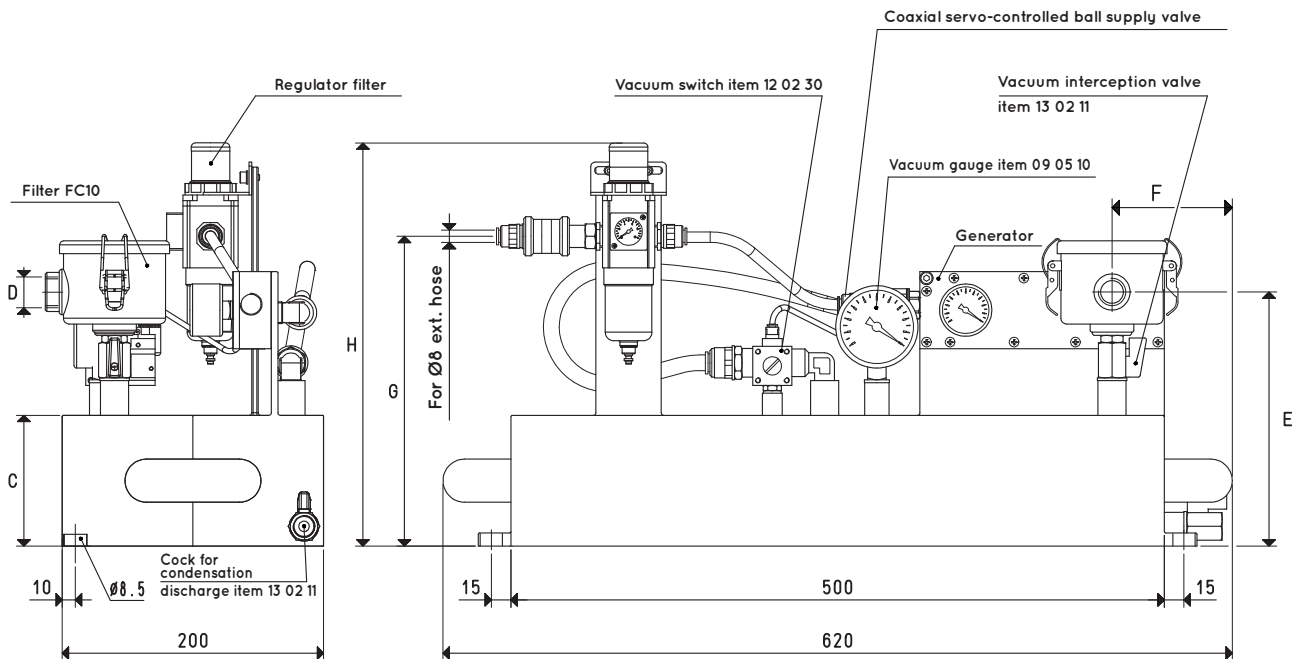
The level of vacuum, preset via the mini vacuum switch is automatically maintained in the tank.

Mini pneumatic pump sets are suited for equipping fixed or mobile working units that require vacuum, such as:

- Trolleys with vacuum cups for fixing and transporting glass and crystals.
 - Vacuum clamping systems for ski maintenance, marble drilling and processing, for polishing objects in pewter, copper, silver, etc.
 - Hoists with vacuum cups for lifting television sets and household appliances in general, for glass installation in door and window frames, for feeding sheet metal into presses, etc.
- The mini pneumatic pump sets do not require any electrical current but only compressed air at 4-6 bar pressure. Recommended in working environments where ignition sources could cause a fire hazard.



3D drawings are available on vuototecnica.net



Item	Tank Litres	Generator item	Pneumatic switchgear item	C	D Ø	E	F	G	H	L	Weight Kg
DOP 06 PVP 12 MX	6	PVP 12 MX	DOP 20 90	60	G3/8"	150	95	180	270	620	12.7
DOP 06 PVP 25 MX	6	PVP 25 MX	DOP 20 90	60	G3/8"	150	95	180	270	620	13.0
DOP 10 PVP 12 MX	10	PVP 12 MX	DOP 20 90	100	G3/8"	210	95	240	310	620	12.9
DOP 10 PVP 25 MX	10	PVP 25 MX	DOP 20 90	100	G3/8"	210	95	240	310	620	13.2

Note: Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130