

SUCTION UNITS WITH SYPHON FILTRE GA FS 5 AND GA FS 10



These suction units with syphone filtre allow sucking fluids saturated with condensation or mixed with water and liquids. They share all the best technical features of syphon filters and vacuum generators. In fact, they keep liquids and solid impurities, while the vacuum generator can suck fluids saturated with vapours or liquid condensation without compromising its performance.

These devices are composed of:

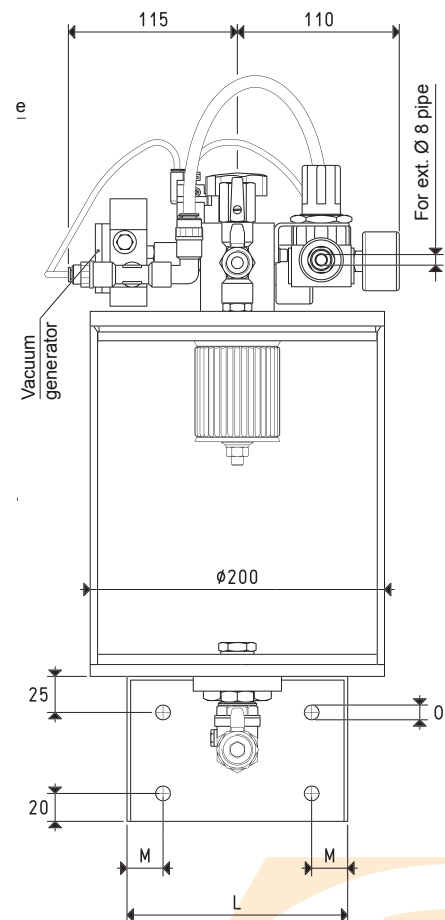
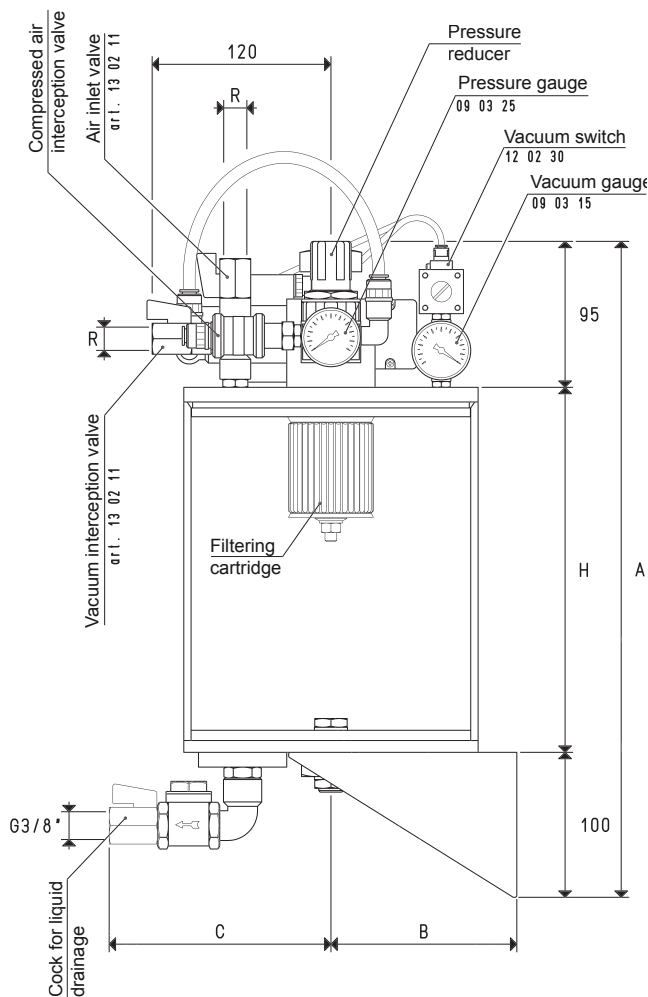
- A standard syphon filtre described in Chapter 5.
- A compressed air-fed multi-stage vacuum generator.
- A pneumatic vacuum switch for vacuum level adjustment.
- A vacuum gauge for a direct reading of the vacuum level in the container.
- A pneumatic valve managed by the vacuum switch for supplying the vacuum generator.

The vacuum level, preset with the vacuum switch, is automatically maintained in the plexiglas container. These suction units with syphon filtre are suited for vacuum cup clamping systems for gripping glass, marble, granite, light alloys and in all those cases with a considerable presence of refrigerating liquids.

They are also recommended for sucking creamy or muddy substances, hard to handle with traditional pumps.

These suction assemblies are fed by compressed air at a pressure of 4-6 bar (g) only.

Upon request they can also be supplied in different versions.



| Art. | A | B | C | H | L | M | O | R | Vacuum generator art. | Capacity | Weight |
|----------|-----|-----|-----|-----|-----|----|----|-------|-----------------------|----------|--------|
| GA FS 5 | 445 | 130 | 175 | 250 | 150 | 25 | 10 | G3/8" | M14 | 6.0 | 6.0 |
| GA FS 10 | 535 | 130 | 175 | 340 | 150 | 25 | 10 | G3/8" | M14 | 8.5 | 6.5 |

SUCTION UNITS WITH SYPHON FILTRE GA FS 20 ES ÷ GA FS 30 ES

These suction units with syphon filters share the same features and functions as the previous ones; their distinctive features are their size and the type of generator installed.

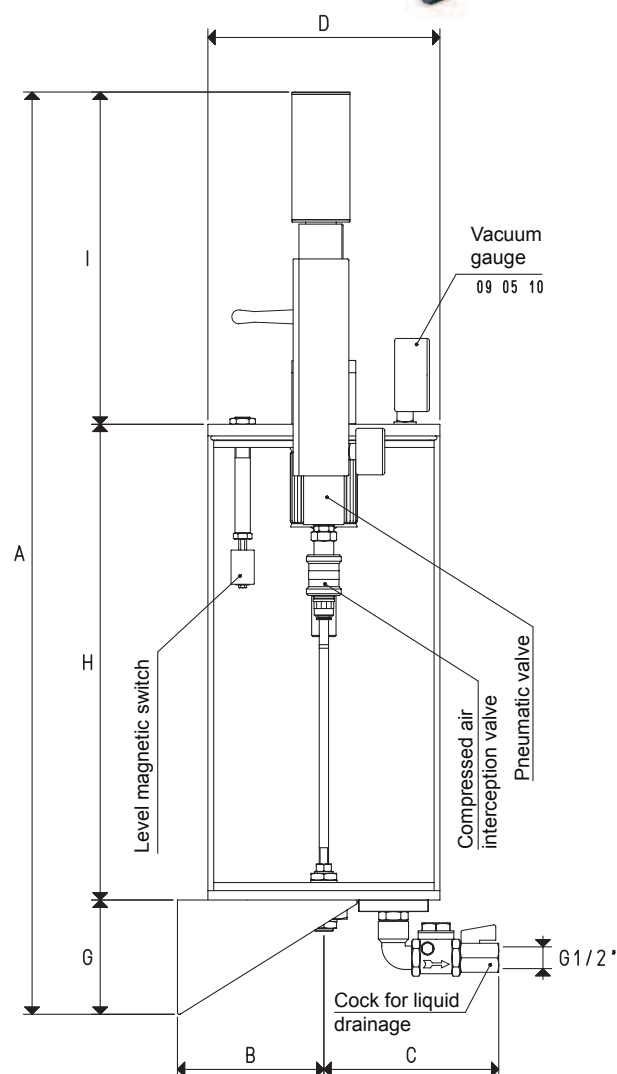
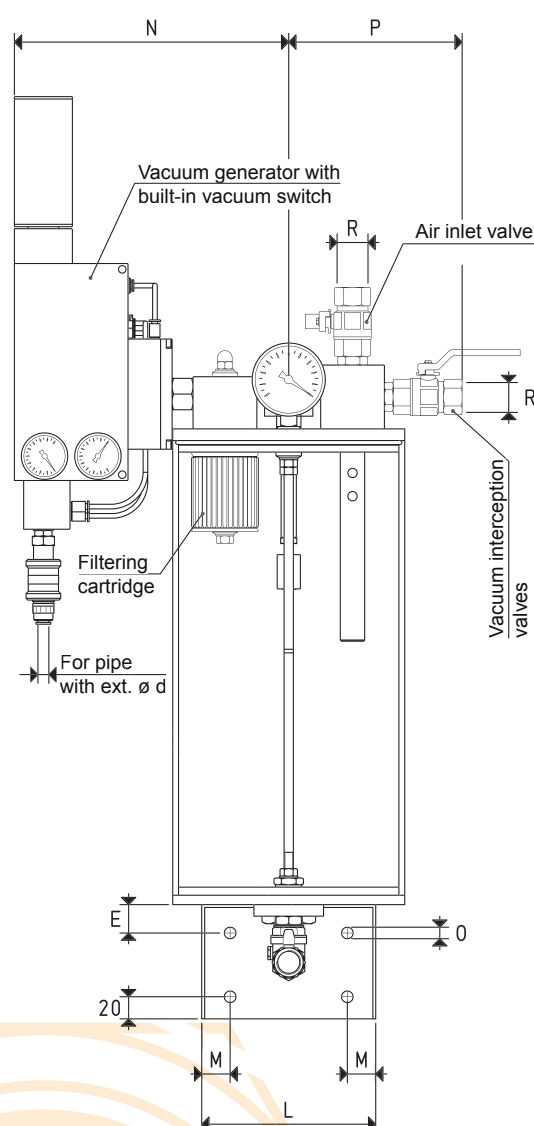
These devices are composed of:

- A standard syphon filtre already described in Chapter 5.
- A compressed air-operated multi-stage vacuum generator with a built-in energy-saving system ES.
- A vacuum gauge for a direct reading of the vacuum level in the container.
- A sleeve valve for compressed air interception.

The vacuum level, preset with the vacuum switch, is automatically maintained in the plexiglas container. These suction units with syphons are suited for vacuum cup clamping systems for gripping glass, marble, granite, light alloys and in all those cases with a considerable presence of refrigerating liquids.

They are also recommended for sucking. They are also recommended for sucking creamy or muddy substances, hard to handle with traditional pumps.

These suction assemblies are fed by compressed air at a pressure of 4÷6 bar (g) only. Upon request they can also be supplied in different versions.



| Art. | A | B | C | d | D | E | G | H | I | L | M | N | O | P | R | Vacuum generator art. | Capacity l | Weight Kg |
|-------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|----|-----|----|-----|-------|-----------------------|------------|-----------|
| | | | | Ø | Ø | | | | | | | | Ø | | Ø | | | |
| GA FS 20 ES | 795 | 130 | 175 | 8 | 200 | 25 | 100 | 410 | 290 | 150 | 25 | 240 | 10 | 145 | G1/2" | PVP 25MDX ES | 10.5 | 9.5 |
| GA FS 25 ES | 745 | 150 | 195 | 8 | 240 | 25 | 100 | 510 | 290 | 170 | 30 | 270 | 11 | 180 | G3/4" | PVP 50MDX ES | 19.5 | 12.0 |
| GA FS 30 ES | 885 | 190 | 225 | 12 | 300 | 30 | 120 | 610 | 330 | 200 | 40 | 310 | 11 | 220 | G1" | PVP 75MDX ES | 38.0 | 22.0 |

SAFETY SUCTION UNITS WITH SYPHON FILTRE



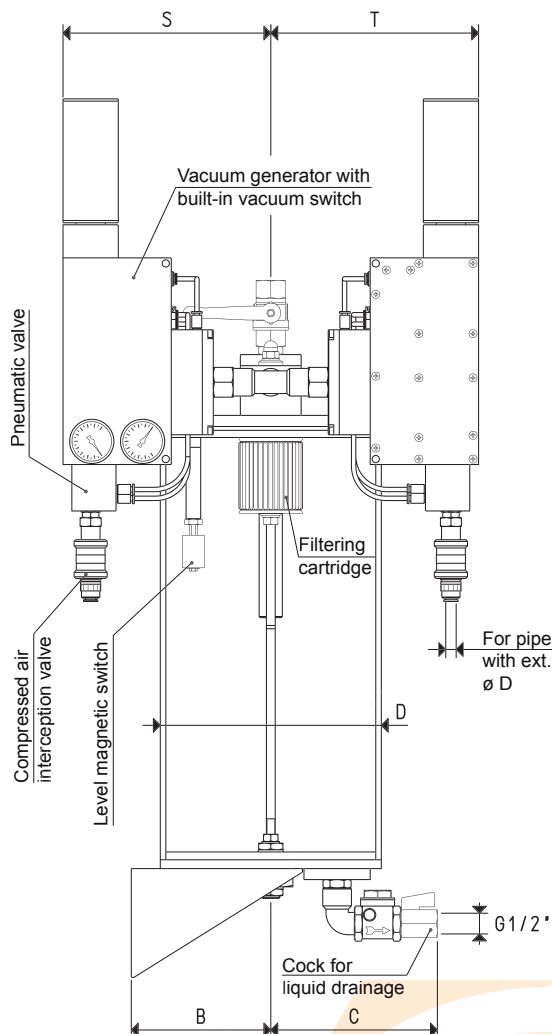
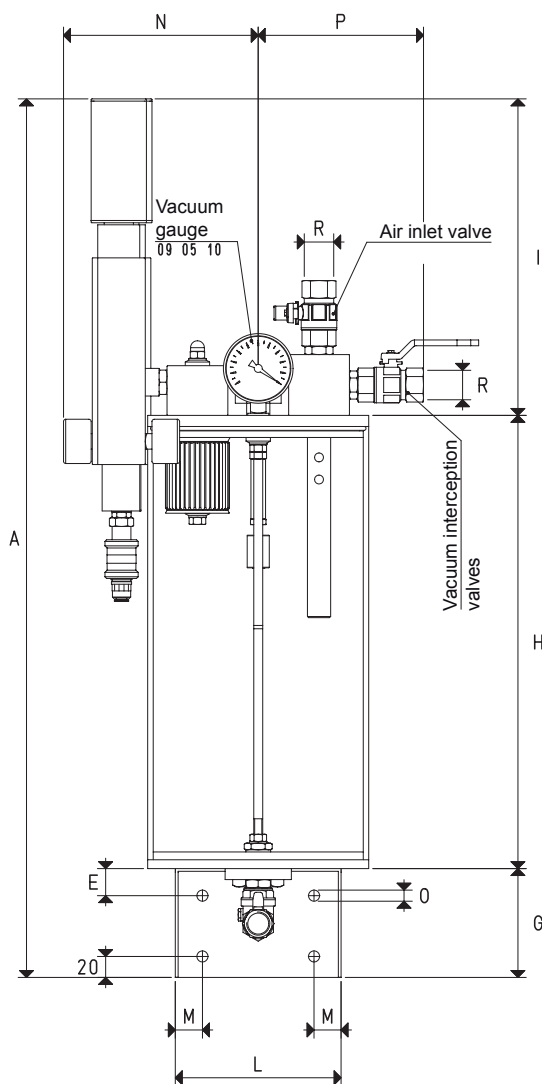
These units have the same functions as the previous ones, but they differ for their automation and composition. In fact, these devices are composed of:

- A standard syphon filtre already described in Chapter 5.
- Two compressed air-operated multistage vacuum generators with built-in energy-saving system ES.
- A vacuum gauge for a direct reading of the vacuum level in the container.
- Two sleeve valves for compressed air interception.

These safety suction units normally provide for the operation of one vacuum generator with subsequent automatic insertion of the other one for higher consumptions and when, for whatever reason, the plant vacuum level goes below the preset minimum value. All this also guarantees continuous operation even in presence of a vacuum generator breakdown. The vacuum level, preset with the vacuum switch, is automatically maintained in the plexiglas container. These suction units with syphons are suited for vacuum cup clamping systems for gripping glass, marble, granite, light alloys and in all those cases with a considerable presence of refrigerating liquids.

They are also recommended for sucking They are also recommended for sucking creamy or muddy substances, hard to handle with traditional pumps.

These suction assemblies are fed by compressed air at a pressure of 4÷6 bar (g) only. Upon request they can also be supplied in different versions.



| Art. | A | B | C | d | D | E | G | H | I | L | M | N | O | P | R | S | T | N° 2 vacuum generators art. | Capacity l | Weight Kg |
|---------------------|-----|-----|-----|----|-----|----|-----|-----|-----|-----|----|-----|----|-----|-------|-----|-----|-----------------------------|------------|-----------|
| | | | | Ø | Ø | | | | | | | | Ø | | Ø | | | | | |
| GAS FS 20 ES | 795 | 130 | 175 | 8 | 200 | 25 | 100 | 410 | 290 | 150 | 25 | 175 | 10 | 145 | G1/2" | 188 | 188 | PVP 25 MDX ES | 10.5 | 11.5 |
| GAS FS 25 ES | 745 | 150 | 195 | 8 | 240 | 25 | 100 | 510 | 290 | 170 | 30 | 175 | 11 | 180 | G3/4" | 188 | 188 | PVP 50 MDX ES | 19.5 | 14.0 |
| GAS FS 30 ES | 885 | 190 | 225 | 12 | 300 | 30 | 120 | 610 | 330 | 200 | 40 | 190 | 11 | 220 | G1" | 201 | 201 | PVP 75 MDX ES | 38.0 | 24.0 |