



Item no: P3010\_

P3010

- Patented COAX® technology.
- Available with three-stage COAX® cartridge MINI. Choose an Si cartridge for extra vacuum flow, a Pi cartridge for high performance at low feed pressure or an Xi cartridge when high flow and deep vacuum is needed.
- Includes a flow-through silencer and a built-in vacuum filter for harsh environments.
- Suitable for fast and reliable evacuation in sealed systems.
- Slim, compact, configurable and modular design.
- Low weight.

|             |                     |
|-------------|---------------------|
| General     |                     |
| Material    | PA, PP, SS, AL, NBR |
| Noise level | 66 - 68 dBA         |
| Temperature | 14 - 122 °F         |
| Weight      | 3.88 - 11.64 oz     |

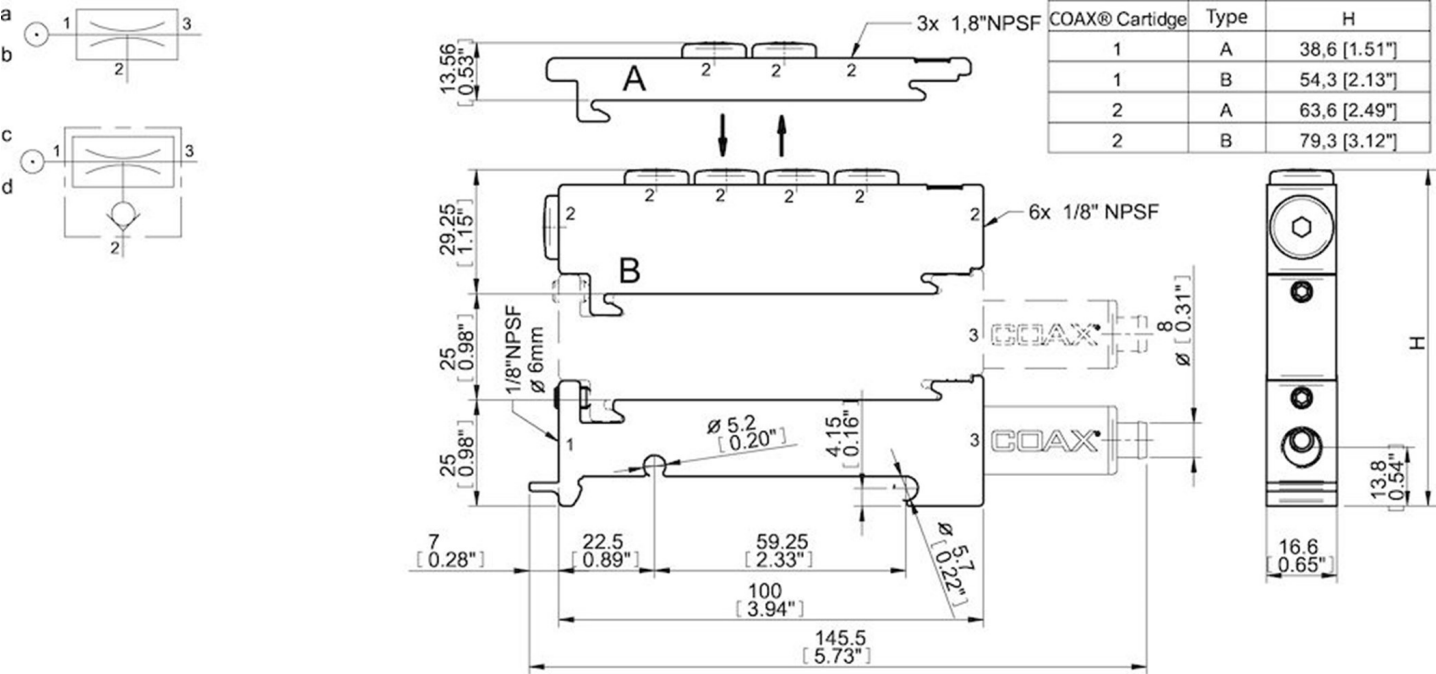
|                     |           |
|---------------------|-----------|
| Performance         |           |
| Feed pressure, max. | 101.5 psi |

| Feed pressure                  | Air consumption | Vacuum flow (scfm) at different vacuum levels (-inHg) |      |       |      |      |      |      |      |       |       | Max vacuum |
|--------------------------------|-----------------|-------------------------------------------------------|------|-------|------|------|------|------|------|-------|-------|------------|
| MPa                            | NI/s            | 0                                                     | 2    | 5     | 8    | 11   | 14   | 17   | 20   | 23    | 26    | -kPa       |
| MINI Pi12-3 0,32 - 46.4        | 0.93            | 2.97                                                  | 1.27 | 0.93  | 0.57 | 0.4  | 0.3  | 0.21 | 0.13 | 0.064 | 0     | 26.58      |
| P3010 Si08-3 0,6 - 87          | 0.93            | 2.84                                                  | 1.55 | 1.17  | 0.74 | 0.49 | 0.36 | 0.28 | 0.17 | 0     | 0     | 22.15      |
| MINI Xi10-3 0,5 - 72.5         | 0.97            | 3.03                                                  | 1.48 | 1.059 | 0.7  | 0.4  | 0.32 | 0.23 | 0.15 | 0.095 | 0.023 | 27.76      |
| MINI Pi12-3 0,6 - 87           | 1.67            | 3.39                                                  | 2.12 | 1.059 | 0.87 | 0.76 | 0.59 | 0.36 | 0.11 | 0.021 | 0     | 0          |
| P3010 Xi10-3 0,6 Blow-off - 87 | 1.14            | 0                                                     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0          |

| Feed pressure                  | Air consumption | Evacuation time (s/cf) to reach different vacuum levels (-inHg) |       |       |       |       |       |        |        |        |       | Max vacuum |
|--------------------------------|-----------------|-----------------------------------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|-------|------------|
| MPa                            | NI/s            | 2                                                               | 5     | 8     | 11    | 14    | 17    | 20     | 23     | 26     | -kPa  |            |
| MINI Pi12-3 0,32 - 46.4        | 12.46           | 2.27                                                            | 6.51  | 13.88 | 28.32 | 48.14 | 73.62 | 110.44 | 178.4  | 0      | 26.58 |            |
| P3010 Si08-3 0,6 - 87          | 12.46           | 2.83                                                            | 7.079 | 13.59 | 22.65 | 36.81 | 65.13 | 130.26 | 0      | 0      | 22.15 |            |
| MINI Xi10-3 0,5 - 72.5         | 13.026          | 2.55                                                            | 7.36  | 14.16 | 25.49 | 42.48 | 62.3  | 96.28  | 147.25 | 249.19 | 27.76 |            |
| MINI Pi12-3 0,6 - 87           | 22.37           | 0                                                               | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0     |            |
| P3010 Xi10-3 0,6 Blow-off - 87 | 15.29           | 0                                                               | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 0      | 0     |            |

| Feed pressure                  | Air consumption | Blow flow (scfm) at different pressure levels (-inHg) |   |      |    |      |    |      |      |      |      | Max vacuum |
|--------------------------------|-----------------|-------------------------------------------------------|---|------|----|------|----|------|------|------|------|------------|
| MPa                            | NI/s            | 2                                                     | 5 | 8    | 11 | 14   | 17 | 20   | 23   | 26   | -kPa |            |
| P3010 Si08-3 0,6 - 87          | 12.46           | 1.78                                                  | 0 | 1.16 | 0  | 1.03 | 0  | 0.86 | 0.8  | 0.75 | 0.66 | 22.15      |
| MINI Pi12-3 0,6 - 87           | 22.37           | 1.87                                                  | 0 | 1.4  | 0  | 1.33 | 0  | 1.12 | 1.03 | 1.03 | 1.03 | 0          |
| P3010 Xi10-3 0,6 Blow-off - 87 | 15.29           | 1.8                                                   | 0 | 1.3  | 0  | 1.1  | 0  | 0.98 | 0.85 | 0.84 | 0.79 | 0          |

Dimensional drawings



Spare parts

01.04.201 | Sealing kit P3010, NBR