

P6040

Item number: P6040_



- Patented COAX® technology.
- Available with a three-stage COAX® cartridge MIDI. 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.
- Substantially lower air consumption.
- Modular design for flexible performance.
- Compact and durable with no moving parts.
- 5-16 cartridges.

Technical data

| Description | Unit | Value |
|---------------------|------|--------------------------------------|
| Material | - | Al, HDPE, Nitrile (NBR), PA, POM, SS |
| Temperature, max. | °F | 176.0 |
| Temperature, min. | °F | 14.0 |
| Weight, max. | oz | 350.0000 |
| Weight, min. | oz | 268.75 |
| Feed pressure, max. | psi | 0.10 |
| Noise level, max. | dBA | 76 |
| Noise level, min. | dBA | 57 |

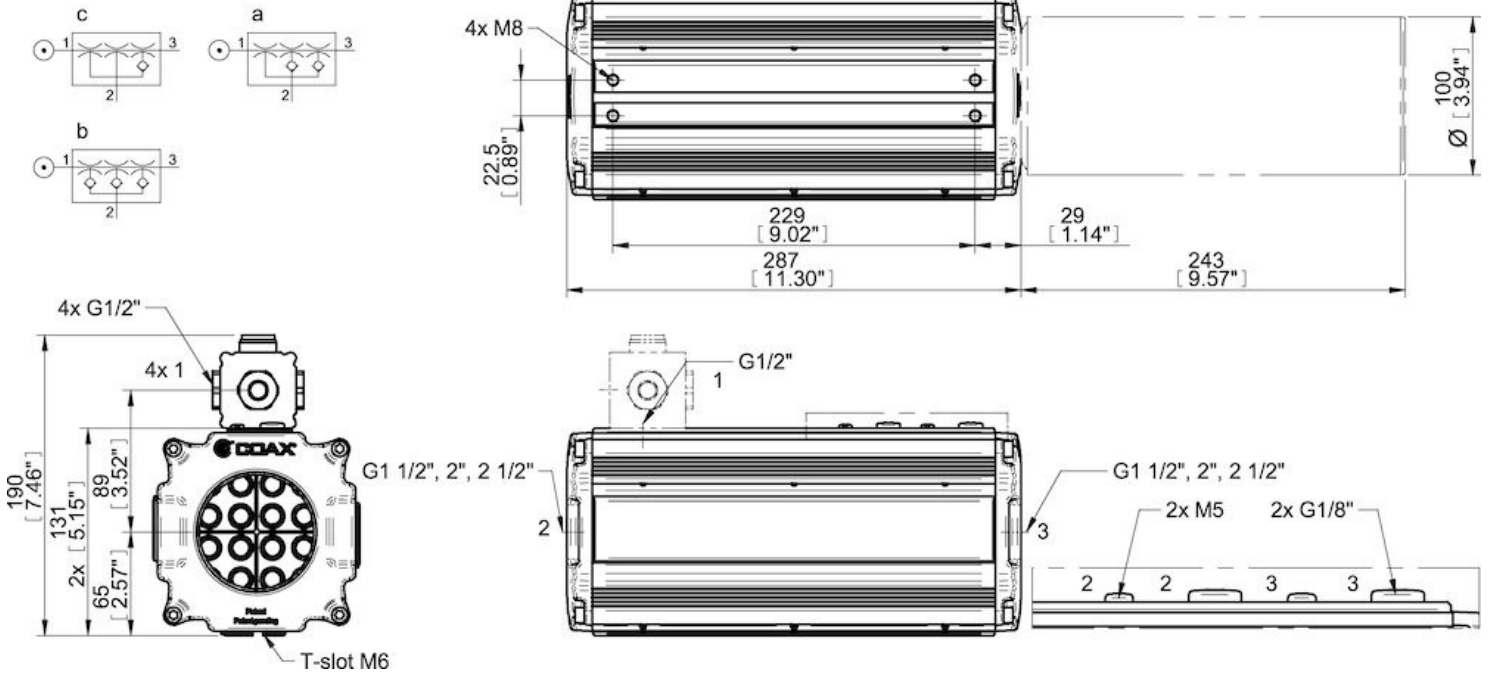
Performance

| Feed pressure psi | Air consumption scfm | Vacuum flow (scfm) at different vacuum levels (-inHg) | | | | | | | | | | | | | Max vacuum psi | |
|----------------------|-------------------------|---|-------|------|------|------|------|------|-------|----|-------|--------|----|----|-------------------|---------|
| | | 0 | 2 | 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 32 | 35 | | |
| 44.95 | 4.24 | 1.65 | 0.74 | 0.53 | 0.32 | 0.19 | 0.15 | 0.10 | 0.074 | 0 | 0.030 | 0 | 0 | 0 | 0 | ≥13.050 |
| 87.0 | 3.71 | 1.77 | 1.034 | 0.77 | 0.50 | 0.27 | 0.18 | 0.15 | 0.10 | 0 | 0 | 0 | 0 | 0 | ≥10.88 | |
| 87.0 | 3.71 | 1.77 | 1.034 | 0.77 | 0.50 | 0.27 | 0.18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ≥7.54 | |
| 65.25 | 3.88 | 1.74 | 0.89 | 0.59 | 0.38 | 0.22 | 0.17 | 0.13 | 0.094 | 0 | 0.053 | 0.0089 | 0 | 0 | ≥13.78 | |
| 65.25 | 3.88 | 1.74 | 0.89 | 0.59 | 0.38 | 0.22 | 0.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ≥7.40 | |

| Feed pressure psi | Air consumption scfm | Evacuation time (s/cf) to reach different vacuum levels (-inHg) | | | | | | | | | | | | | Max vacuum psi |
|----------------------|-------------------------|---|-------|-------|-------|-------|------|------|------|------|----|----|----|----|-------------------|
| | | 2 | 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 28 | 29 | 29 | 29 | |
| 44.95 | 4.24 | 0.0059 | 0.018 | 0.035 | 0.074 | 0.13 | 0.21 | 0.30 | 0.47 | 1.18 | 0 | 0 | 0 | 0 | ≥13.050 |
| 87.0 | 3.71 | 0.0059 | 0.015 | 0.030 | 0.053 | 0.097 | 0.16 | 0.24 | 0 | 0 | 0 | 0 | 0 | 0 | ≥10.88 |
| 87.0 | 3.71 | 0.0059 | 0.015 | 0.030 | 0.053 | 0.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ≥7.54 |
| 65.25 | 3.88 | 0.0065 | 0.018 | 0.035 | 0.065 | 0.11 | 0.17 | 0.25 | 0.35 | 0.65 | 0 | 0 | 0 | 0 | ≥13.78 |
| 65.25 | 3.88 | 0.0065 | 0.018 | 0.035 | 0.065 | 0.11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ≥7.40 |

| Feed pressure psi | Air consumption scfm | Blow flow (scfm) at different pressure levels (-inHg) | | | | | | | | | | | | | Max pressure psi | |
|----------------------|-------------------------|---|------|------|------|------|------|------|------|------|------|----|----|----|---------------------|--------|
| | | 0 | 2 | 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 32 | 35 | | 38 |
| 87.0 | 3.71 | 1.13 | 0.90 | 0.67 | 0.58 | 0.48 | 0.44 | 0.39 | 0.33 | 0.26 | 0 | 0 | 0 | 0 | 0 | ≥10.88 |
| 87.0 | 3.71 | 1.13 | 0.90 | 0.67 | 0.58 | 0.48 | 0.44 | 0.39 | 0.33 | 0.26 | 0 | 0 | 0 | 0 | 0 | ≥7.54 |
| 87.0 | 4.94 | 1.22 | 0.99 | 0.74 | 0.65 | 0.57 | 0.53 | 0.49 | 0.47 | 0.43 | 0.37 | 0 | 0 | 0 | 0 | ≥0 |

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.

Accessories

31.01.626 | Manometer 36.25 psi/250 kPa