

P3010

Item number: 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.

Technical data

Description	Unit	Value
Material	-	Al. Nitrile (NBR). PA. PP. SS
Temperature, max.	°F	122
Temperature, min.	°F	14
Weight, max.	oz	11.64
Weight, min.	oz	3.88
Feed pressure, max.	psi	102
Noise level, max.	dBA	68
Noise level, min.	dBA	66

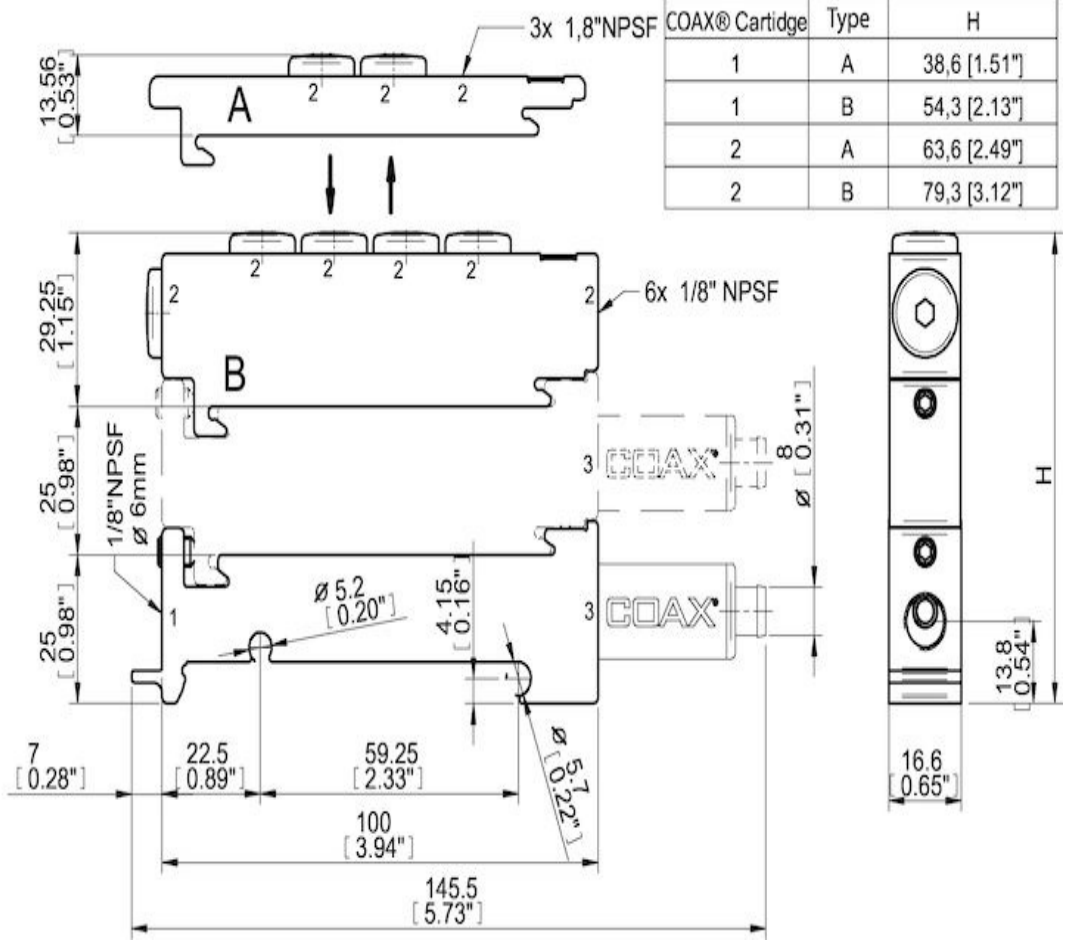
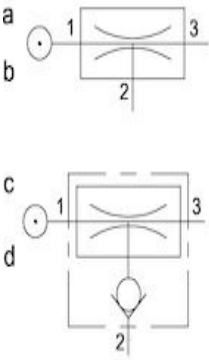
Performance

Ejector specification	Feed pressure psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)												Max vacuum -inHg
			0	2	5	8	11	14	17	20	23	26	29		
Pi12-3	46.41	0.93	2.97	1.27	0.93	0.57	0.4	0.3	0.21	0.13		0.064		≥26.58	
Xi10-3	72.52	0.97	3.03	1.48	1.059	0.7	0.4	0.32	0.23	0.15		0.095	0.023	≥27.76	
Si08-3	87.023	0.93	2.84	1.55	1.17	0.74	0.49	0.36	0.28	0.17				≥22.15	
Pi12-3	87.023	1.67	3.39	2.12	1.059	0.87	0.76	0.59	0.36	0.11		0.021		≥24.51	
Xi10-3	87.023	1.14	3.072	1.67	1.12	0.89	0.64	0.34	0.23	0.17	0.085	0.021		≥27.46	

Ejector specification	Feed pressure psi	Air consumption scfm	Evacuation time (s/cf) to reach different vacuum levels (-inHg)												Max vacuum -inHg
			2	5	8	11	14	17	20	23	26	29	32	35	
Pi12-3	46.41	0.93	2.27	6.51	13.88	28.32	48.14	73.62	110.44	178.4					≥26.58
Xi10-3	72.52	0.97	2.55	7.36	14.16	25.49	42.48	62.3	96.28	147.25	249.19				≥27.76
Si08-3	87.023	0.93	2.83	7.079	13.59	22.65	36.81	65.13	130.26						≥22.15
Pi12-3	87.023	1.67	1.7	4.81	10.48	18.41	28.32	39.64	67.96	254.85					≥24.51
Xi10-3	87.023	1.14	2.55	6.8	12.74	19.82	33.98	53.8	84.95	133.089	243.52				≥27.46

Ejector specification	Feed pressure psi	Air consumption scfm	Blow flow (scfm) at different pressure levels (-inHg)														Max pressure	
			0	2	5	8	11	14	17	20	23	26	29	32	35	38	41	-inHg
Si08-3	87.023	0.93	3.77	3.11	2.46	2.33	2.18	2.013	1.82	1.7	1.59	1.4	1.12					≥22.15
Pi12-3	87.023	1.67	3.96	3.46	2.97	2.89	2.82	2.6	2.37	2.18	2.18	2.18	2.12	2.12	2.013	1.82	1.67	≥24.51
Xi10-3	87.023	1.14	3.81	3.28	2.75	2.54	2.33	2.2	2.077	1.8	1.78	1.67	1.5	1.29				≥27.46

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%.

Spare parts

01.04.201 | Sealing kit P3010, NBR