

P3010 Quick Release Module

Item number: P3010_Quick_Release_Module



- Patented multistage COAX® cartridge - MINI - with Pi, Si, Xi cartridge.
- Quick release volume from 3-60 cm3
- Includes a flow-through silencer and a built-in vacuum filter for harsh environments.
- 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	11.29
Weight, min.	oz	5.93
Feed pressure, max.	psi	102
Noise level, max.	dBA	68
Noise level, min.	dBA	66

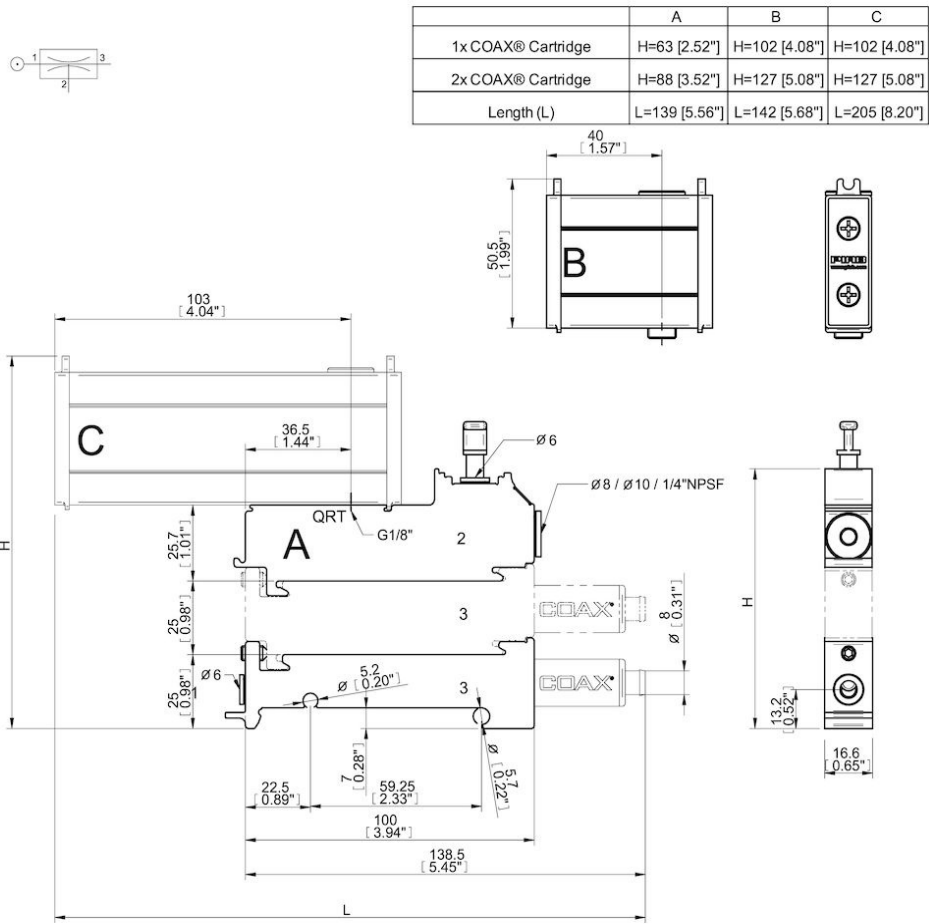
Performance

Ejector specification	Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)											Max vacuum
	psi	scfm	0	2	5	8	11	14	17	20	26	29	-inHg	
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	

Ejector specification	Feed pressure	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)									Max vacuum
	psi	scfm	2	5	8	11	14	17	20	23	26	-inHg
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

Ejector specification	Feed pressure psi	Air consumption scfm	Blow flow (scfm) at different pressure levels (-inHg)											Max pressure -inHg
			0	2	5	8	11	14	17	20	23	26	29	
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

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%.