

P6010 Classic

Item number: P6010_Classic



- COAX® technology
- Connections can be made on the long side of the ejector
- Retro-compatible with Piab's Classic model in regard to mounting
- 1-4 cartridges

Technical data

Description	Unit	Value
Material	-	Al. Nitrile (NBR). PA. SS. TPE
Temperature, max.	°F	176
Temperature, min.	°F	14
Weight, max.	oz	112.5
Weight, min.	oz	106.25
Feed pressure, max.	psi	102
Noise level, max.	dBA	67
Noise level, min.	dBA	50

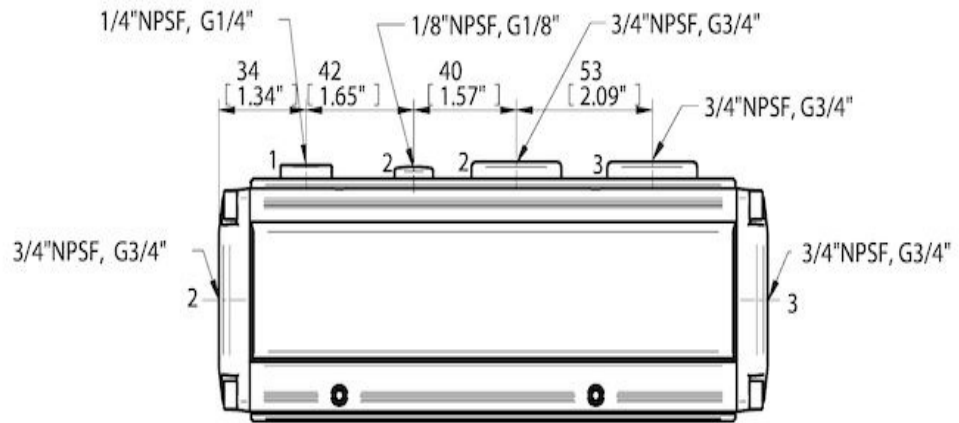
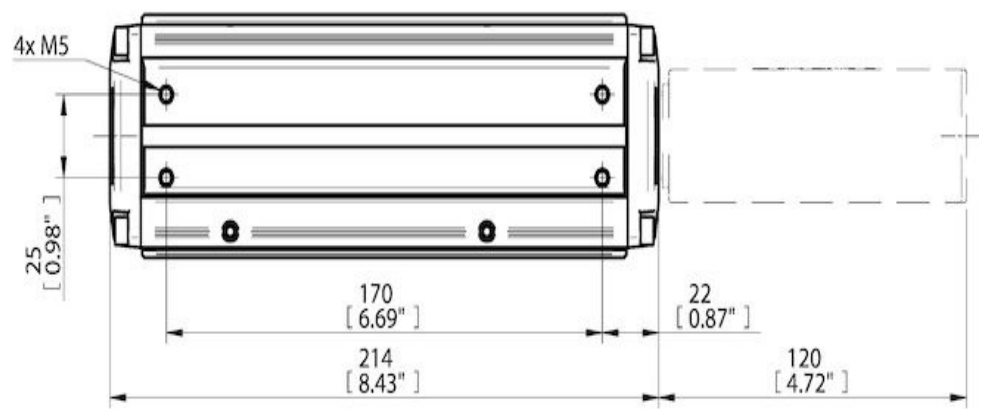
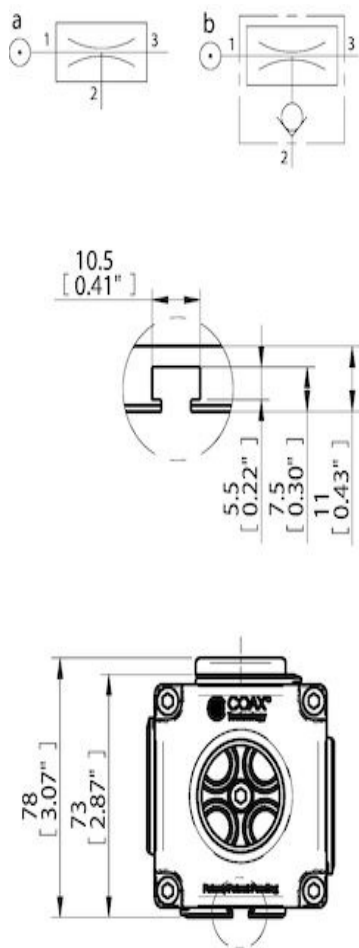
Performance

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	26	29	
Pi48-3	44.96	4.24	11.87	5.3	3.81	2.33	1.38	1.059	0.74	0.53	0.21		≥26.58
Pi48-3 (×1 flap valve)	44.96	4.24	11.87	4.87	3.81	2.33	1.38	1.059					≥15.06
Si32-3	87.023	3.71	12.71	7.42	5.51	3.6	1.91	1.27	1.059	0.74			≥22.15
Si32-3 (×1 flap valve)	87.023	3.71	12.71	7.42	5.51	3.6	1.91	1.27					≥15.36
Xi40-3	65.27	3.88	12.5	6.36	4.24	2.75	1.55	1.23	0.91	0.68	0.38	0.064	≥28.054
Xi40-3 (×1 flap valve)	65.27	3.88	12.5	6.36	4.24	2.75	1.55	1.23					≥15.06
Xi40-3	87.023	4.94	12.5	6.78	4.66	3.39	1.91	1.1	0.85	0.66	0.34	0.064	≥27.76

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	
Pi48-3	44.96	4.24	0.57	1.7	3.4	7.079	12.74	19.82	28.32	45.31	113.27	≥26.58
Pi48-3 (×1 flap valve)	44.96	4.24	0.57	1.7	3.4	7.079	12.74					≥15.06
Si32-3	87.023	3.71	0.57	1.42	2.83	5.097	9.34	15.0079	22.65			≥22.15
Si32-3 (×1 flap valve)	87.023	3.71	0.57	1.42	2.83	5.097	9.34					≥15.36
Xi40-3	65.27	3.88	0.62	1.76	3.4	6.23	10.48	16.14	23.79	33.98	62.3	≥28.054
Xi40-3 (×1 flap valve)	65.27	3.88	0.62	1.76	3.4	6.23	10.48					≥15.06
Xi40-3	87.023	4.94	0.57	1.53	2.83	4.81	7.36	12.18	20.1	33.98	67.96	≥27.76

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	
Si32-3	87.023	3.71	16.53	13.14	9.75	8.48	6.99	6.36	5.72	4.87	3.81		≥22.15
Si32-3 (×1 flap valve)	87.023	3.71	16.53	13.14	9.75	8.48	6.99	6.36	5.72	4.87	3.81		≥15.36
Xi40-3	87.023	4.94	17.8	14.41	10.81	9.54	8.31	7.73	7.18	6.84	6.25	5.47	≥27.76

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

- 01.12.499 | Silencer G1"
- 01.12.532 | Manometer 1 MPa
- 01.12.533 | Manometer 250 kPa
- 01.13.003 | Silencer 1" NPSF