

P6010 Classic

Article 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.	°C	80
Temperature, min.	°C	-10
Weight, max.	g	1800
Weight, min.	g	1700
Feed pressure, max.	MPa	0.7
Noise level, max.	dBA	67
Noise level, min.	dBA	50

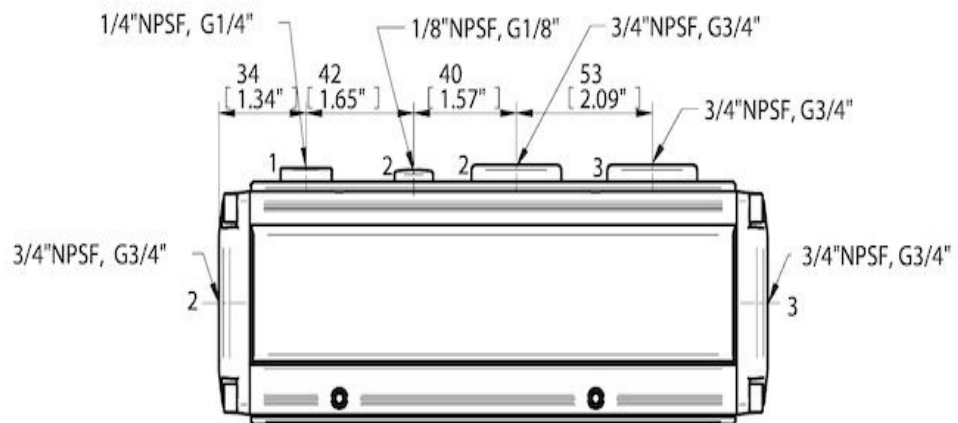
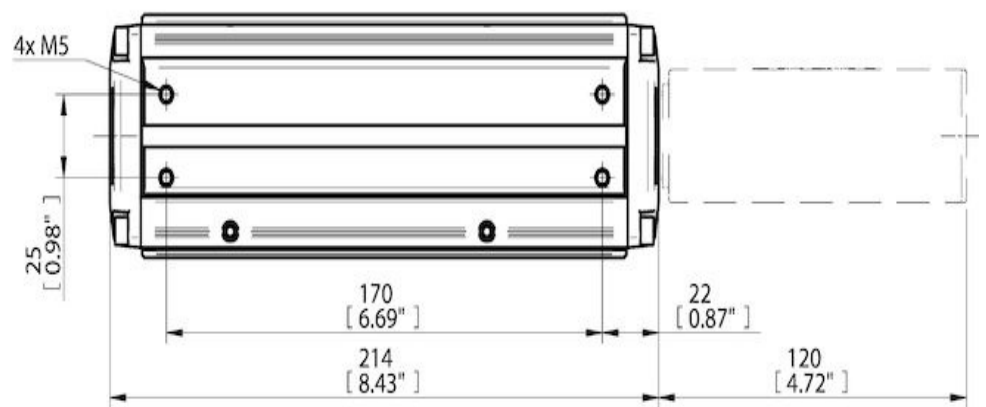
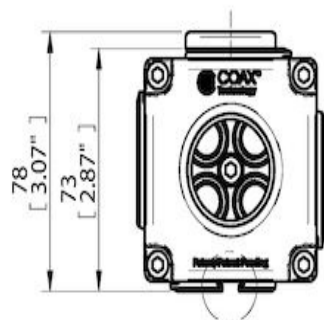
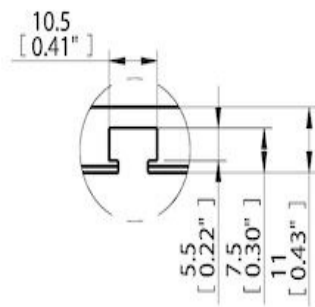
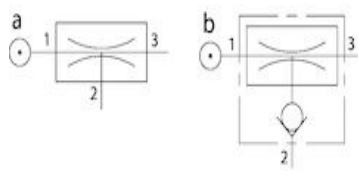
Performance

Feed pressure	Air consumption	Vacuum flow (Nl/s) at different vacuum levels (-kPa)														Max vacuum
MPa	Nl/s	0	10	20	30	40	50	60	70	75	80	90	95	99	kPa	
0.31	2	5.6	2.5	1.8	1.1	0.65	0.5	0.35	0.25	0	0.1	0	0	0	≥90	
0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0.5	0.35	0	0	0	0	0	≥75	
0.6	1.75	6	3.5	2.6	1.7	0.9	0.6	0	0	0	0	0	0	0	≥52	
0.45	1.83	5.9	3	2	1.3	0.73	0.58	0.43	0.32	0	0.18	0.03	0	0	≥95	
0.45	1.83	5.9	3	2	1.3	0.73	0.58	0	0	0	0	0	0	0	≥51	
0.6	2.33	5.9	3.2	2.2	1.6	0.9	0.52	0.4	0.31	0	0.16	0.03	0	0	≥0	

Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)														Max vacuum
MPa	Nl/s	10	20	30	40	50	60	70	80	90	95	99	99.5	100.3	kPa	
0.31	2	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4	0	0	0	0	≥90	
0.6	1.75	0.02	0.05	0.1	0.18	0.33	0.53	0.8	0	0	0	0	0	0	≥75	
0.6	1.75	0.02	0.05	0.1	0.18	0.33	0	0	0	0	0	0	0	0	≥52	
0.45	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	0	0	0	0	≥95	
0.45	1.83	0.022	0.062	0.12	0.22	0.37	0	0	0	0	0	0	0	0	≥51	
0.6	2.33	0.02	0.054	0.1	0.17	0.26	0.43	0.71	1.2	2.4	0	0	0	0	≥0	

Feed pressure MPa	Air consumption Nl/s	Blow flow (Nl/s) at different pressure levels (-kPa)														Max pressure kPa
		0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
0.6	1.75	7.8	6.2	4.6	4	3.3	3	2.7	2.3	1.8	0	0	0	0	0	≥75
0.6	1.75	7.8	6.2	4.6	4	3.3	3	2.7	2.3	1.8	0	0	0	0	0	≥52
0.6	2.33	8.4	6.8	5.1	4.5	3.92	3.65	3.39	3.23	2.95	2.58	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

0112499 | Silencer G1"
 0112532 | Manometer 1 MPa
 0112533 | Manometer 250 kPa
 0113003 | Silencer 1" NPSF