

piPREMIUM upgrade kit C21-100

Item number: 02.00.330



- The kit is a plug-and-play assembly for a quick changeover to replace the Maxi L pump and top module
- COAX® patented technology
- Side mounted for low building height
- High vacuum flow
- Compact size and low weight
- Low noise level
- Modular design
- Pneumatic valve for compressed air to shock tank and mounting plate for the C series are included

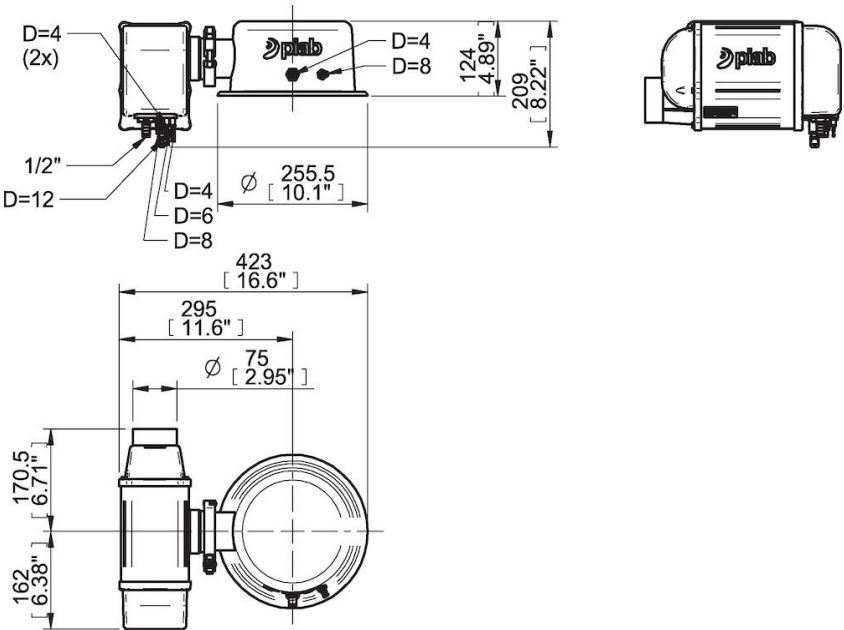
Technical data

Description	Unit	Value
Material	-	Al. ASTM 316L. Nitrile (NBR). PA. PP. SS
Temperature, max.	°F	140
Temperature, min.	°F	32
Weight, min.	oz	562.5
Feed pressure, max.	psi	102
Noise level, max.	dBA	77
Noise level, min.	dBA	69
Feed pressure, optimum, max.	psi	87
Feed pressure, optimum, min.	psi	58
Vacuum, max.	-inHg	22.15
Vacuum, min.	-kPa	203.18

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	
piPREMIUM100	58.015	10.59	42.38	24.58	16.1	10.17	6.78	3.39	0.85		≥17.72
piPREMIUM100	72.52	12.71	48.31	27.97	18.65	11.87	7.2	5.3	2.97	1.53	≥20.67
piPREMIUM100	87.023	14.83	50.85	29.66	22.037	14.41	7.63	5.085	4.24	2.97	≥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%.

Accessories

- 01.04.490 | Regulator kit 1/2" 100-400
- 01.29.790 | Wall mounting kit pump piPREMIUM 100-400
- 02.01.649 | Maintenance kit piFLOW® pumps