

piPREMIUM upgrade kit C21-400

Item number: 02.00.332



- 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

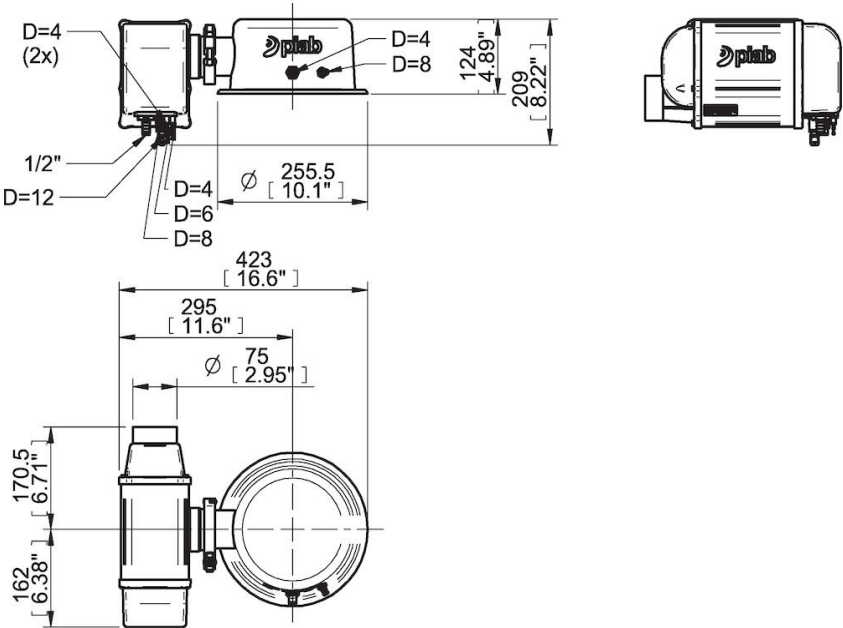
Technical data

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	
piPREMIUM400	58.015	42.38	135.61	88.99	63.57	40.68	27.12	13.56	3.39		≥17.72
piPREMIUM400	72.52	50.85	154.68	97.47	74.16	47.46	28.82	20.98	11.87	6.14	≥20.67
piPREMIUM400	87.023	59.33	163.16	101.71	88.99	57.21	30.51	20.34	16.95	11.87	≥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