

Pump piPREMIUM1600 Si32-3x64

Item number: 02.01.816



- COAX® patented technology
- Side mounted for low building heights
- High vacuum flow
- Compact size and low weight
- Low noise level
- Modular design

Technical data

Description	Unit	Value
Material	-	Al. Nitrile (NBR). PA. PP. SS
Temperature, max.	°F	140
Temperature, min.	°F	32
Weight, min.	oz	1125
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	
piPREMIUM1600	58.015	169.51	665.33	368.69	258.51	163.16	108.064	55.091	13.56		≥17.72
piPREMIUM1600	72.52	203.41	707.71	415.3	298.76	190.7	114.42	84.76	47.46	24.37	≥20.67
piPREMIUM1600	87.023	237.32	720.43	449.21	351.74	230.96	122.9	80.52	67.8	47.46	≥22.15

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

- 01.04.040 | Sanitary Gasket for 3" EPDM
- 01.04.044 | Quick Clamp 3" for TC
- 02.01.649 | Maintenance kit piFLOW® pumps
- 02.01.782 | Regulator kit 1" 1200-1600 (0104491 x2)
- 02.01.786 | Wall mounting kit pump piPREMIUM 1200-1600 (0201025 x2)