



piSAVE optimize

Features

- Vacuum controlled proportional pressure regulator, a fully pneumatic device suitable for air-driven ejectors/pumps.
- The feed pressure to the vacuum pump/ejector is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- Recommended for leaking and sealed applications to save energy and secure the right vacuum level.
- Extra port for vacuum gauge
- Air ventilation port with filter
- Swivel compressed air connections
- piSAVE optimize gives maximum feed pressure/flow to vacuum pump/ejector until vacuum level starts to build up.
- Separate mounting bracket kit
- Upgrade kit - available as an integrated module for piCLASSIC and Classic vacuum pumps

Technical data

Description	Unit	Value
Feed pressure max.	psi	101.5
Feed pressure min.	psi	58
Feed pressure	Pressure drop	7.25 psi @ 101.5 psi and 31.8 scfm
Material		Al, CuZn, HNBR, NBR, SS, PA66
Temperature range	°F	14-140
Weight	oz	11.4 (9.45)*
Operation range	-inHg	7.5-21 (9-18)*
Accuracy	-inHg	±0.89
Min. Flow	scfm	3.54 @ recommended ejector/pump feed pressure
Max. Flow	scfm	31.8
Life span	years	5 or 5 million cycles
Min particle size	µm	5
Max distance to vacuum system**	ft	10

*) piCLASSIC/Classic integrated version.

***) Vacuum sensing hose.

Ordering information

	Description	Part No.
A	piSAVE optimize stand-alone 7.5-21 -inHg G3/8"	01.28.999
A	piSAVE optimize stand-alone 7.5-21 -inHg 3/8" NPT	01.29.000
B	piSAVE optimize upgrade kit piCLASSIC/Classic	01.29.002

**Ordering information
accessories**

	Description	Part No.
	Mounting kit piSAVE optimize	01.29.003
	Vacuum gauge 30 -inHg/100 -kPa -30 inHg	31.01.602