



## 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