

Datasheet

piSAVE® optimize upgrade kit piCLASSIC/Classic

Item number: 01.29.002

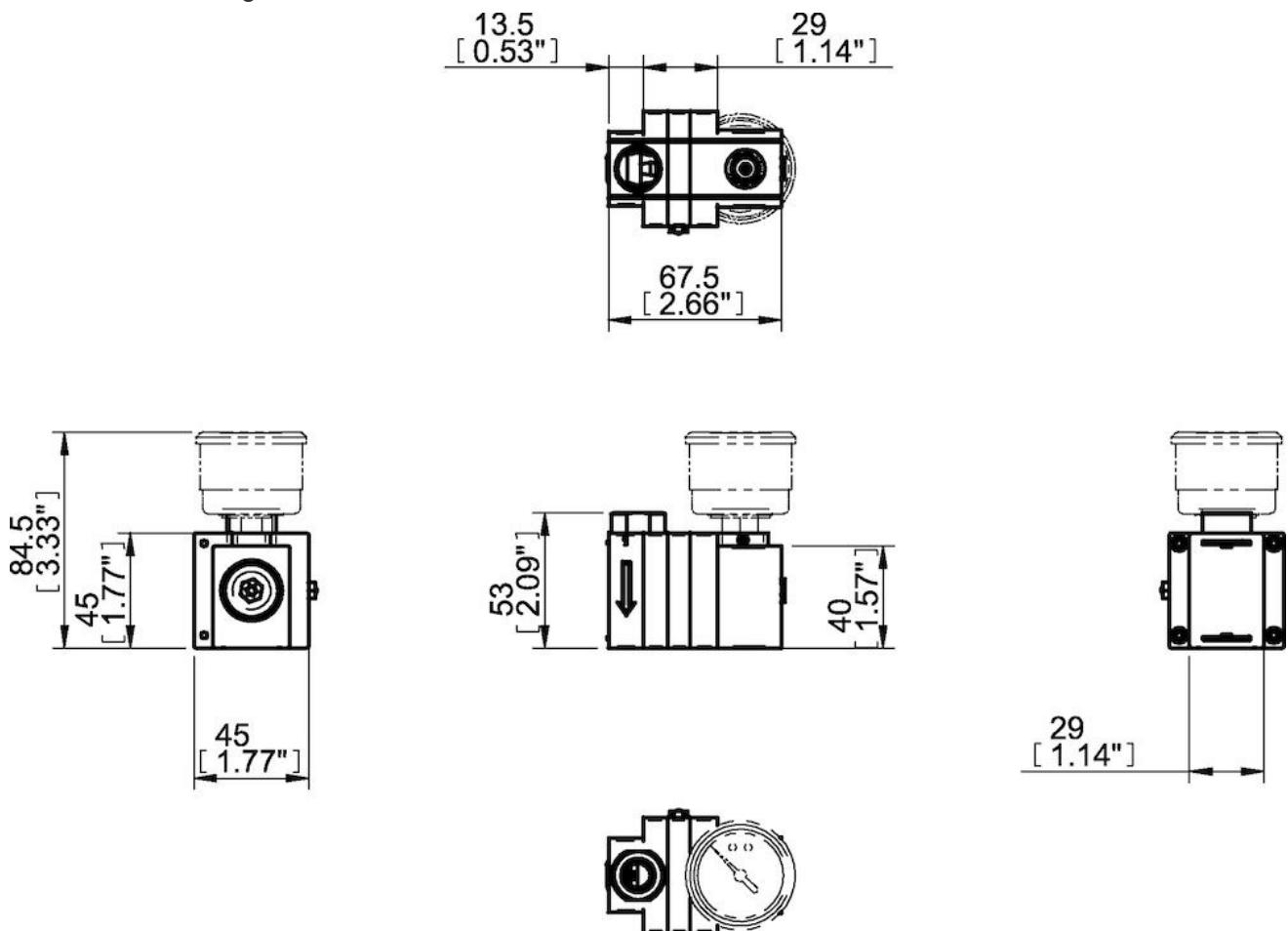


- Vacuum controlled proportional pressure regulator, a fully pneumatic device suitable for air-driven ejectors/pumps.
- The feed pressure to the vacuum pump/ejector is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- 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
Material	-	Al, CuZn, HNBR, Nitrile (NBR), PA66, SS
Temperature, max.	°F	140.0
Temperature, min.	°F	14.0
Weight, min.	oz	9.45
Feed pressure, max.	psi	0.10
Feed pressure, min.	psi	0.058
Particle size, min.	µm	5
Accuracy, pneumatic	psi	±3
Distance to vacuum system, max.	ft.	3
Feed pressure, drop (@ 0.7 MPa and 15 NL/s)	psi	0.0072
Vacuum flow, range, max.	scfm	31.78
Vacuum flow, range, min. (@ recommended ejector/pump feed pressure)	scfm	3.54
Life span	cycles	5000000
Life span	years	5
Operation level, max.	-inHg	17.72
Operation level, min.	-inHg	8.86

Dimensional drawings



Accessories

01.29.003 | Mounting kit piSAVE® optimize

31.01.602 | Vacuum gauge 30 -inHg/100 -kPa -30 inHg