

## piSAVE® optimize upgrade kit piCLASSIC/Classic

Item number: 01.29.002

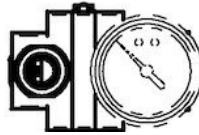
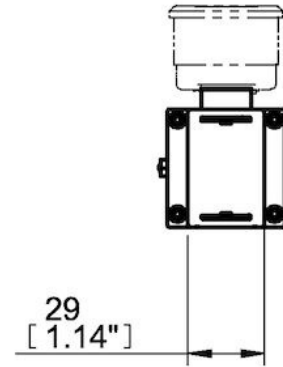
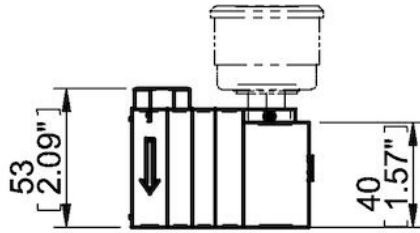
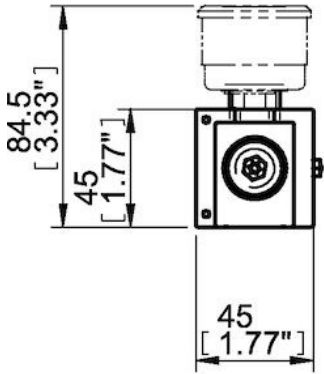
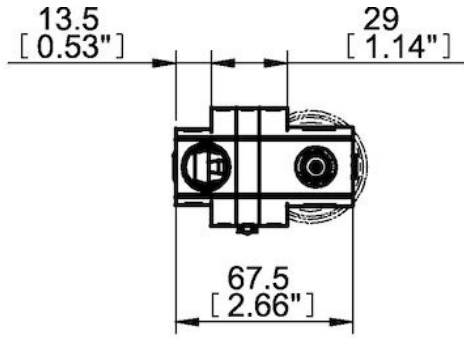


- Vacuum controlled proportional pressure regulator, a fully pneumatic device suitable for air-driven ejectors/pumps.
- The feed pressure to the vacuum pump/ejector is automatically regulated and controlled to maintain the set vacuum level. Air/energy usage is kept to a minimum for the application (optimized).
- 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 NI/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