CPI Unloaders & Actuators

CPI offers both diaphragm and piston style actuators for use with finger and plug unloader assemblies. The actuators are supplied with new valve upgrades, for replacing old style leaking and worn out actuators, or for removing manual hand wheel style unloaders for automation. CPI diaphragm actuators are commonly used to replace existing membrane actuators in situations where membrane failures occur or there is insufficient stroke. All unloader actuators are custom designed for each application.

**DESIGN FEATURES**

- Available in air-to-load or air-to-unload
- Rolled diaphragm design:
  - .59 in/15 mm stroke available, and spindle length adjustable by .20 in/5 mm
- Highly visible position indicators
- Sealing with O-rings, lip seals and chevron packing up to pressures of 3,625 psi/250 bar
- Vent connection for collecting fugitive emissions
- Special materials available for corrosive applications
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FEATURES

• Proven technology
• CPI Unloader Actuators incorporate multiple design features to prevent gas emissions
• Reliable rolled diaphragm design eliminates problems caused by reconditioning and membrane failure
• Most old style unloading systems can be upgraded with CPI Unloader Actuators
• Depending on the application, a single plug unloader actuator per cylinder end can replace existing multiple finger unloader actuators
• Used for valve port unloading with a CPI plug valve or for volume pocket unloading
• Solid plug and balanced plug styles are available
• Meets API618 Standards