

The Watchman. Our original.

The system that started it all.

Our Watchman Lubrication System provides protected lubricant delivery for compressors, pumps, and other critical equipment. Engineered with customization in mind, The Watchman is designed from the ground up using precision components that deliver optimum performance to meet the specific needs of any application.

Benefits of the Watchman System

- **Fail-safe** - Protected lubricant delivery and real time flow rate verification prevents damage to your equipment
- **Easy to service** - Locating critical components in a single easily accessible location speeds service and increases safety
- **Easy to install** - Shipped fully assembled, tested and ready for operation to save time and money
- **Standardized** - Consistent lubrication system design simplifies training, maintenance, and troubleshooting
- **Weatherproof** - Available in a heated and climate controlled cabinet for severe duty applications



Sloan Components: Engineered and Tested for Your Critical Equipment

- 1. Lubrication Panel** – Critical components in central location for easy service and at-a-glance condition analysis
- 2. Wizard Monitor** – Providing constant monitoring, data logging, and fail-safe protection for your critical machinery
- 3. SLS Divider Block** – Manufactured to the highest quality standards for precise, guaranteed lubricant delivery
- 4. SLS Lubricator Box** – Corrosion resistant, rugged, dependable, performance in the most critical applications
- 5. SLS Pump** – Precision machined with high performance seals, a hardened stainless steel piston and black nitride for corrosion resistance
- 6. Supply Tank** – Powder coated rectangular tank with large access cover for easy maintenance
- 7. Gauge Assembly** – Protects your system with filtration, high pressure relief, and system pressure indication
- 8. Right angle reducer** – Enables a compact footprint and slow speed coupling for space savings and long service life
- 9. Watchman Stand** – High strength powder coated steel for a compact footprint, easy maintenance, and corrosion resistance
- 10. Electric Motor** – Various options available

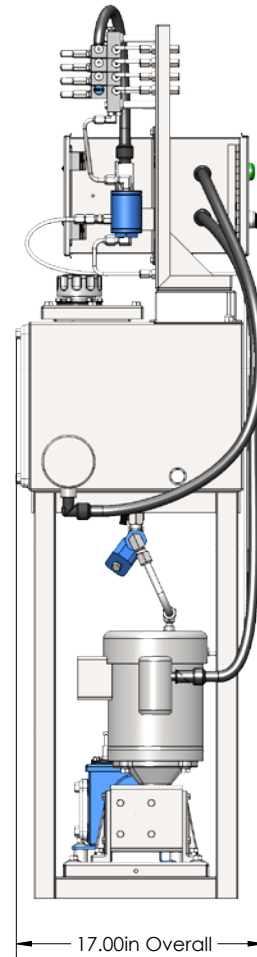
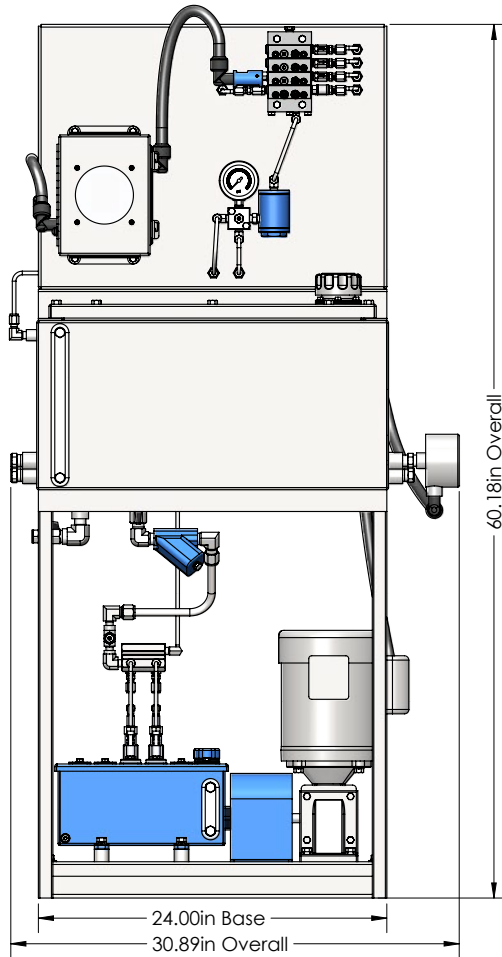


Industries

We have solutions for **natural gas gathering, midstream, and transmission, oil extraction and refining, chemical processing, cement and aggregates, agriculture, food processing, wastewater**, and many other critical machinery applications.

Application Info

The Watchman Lubrication System is highly adaptable and has been used on many types of critical machinery including: reciprocating compressors, rotary vane compressors, vacuum pumps, plunger pumps, centrifugal pumps, rotary cookers, cement transport blowers, vertical lift pumps, vacuum chillers, atomizers, and bearings.



Technical Specs

- **Zones** – 1 – 4 independent zones of lubrication
- **Flow rates** – fractions of a pint to gallons per day
- **Available for hazardous locations, UL, IEC, ATEX**
- **Communications**
 - » RS485 MODBUS RTU
 - » 10/100 Ethernet (Web Server + MODBUS TC / IP)
- **Outputs**
 - » 4 zone alarm relays, Max 250V, 5A (NO) / 3A (NC)
 - » Power fail relay, Max 250V, 5A (NO) / 3A (NC)
- **Power Requirements** – DC, AC single or 3 phase
- **Tank Sizes** – Powder Coated or 316 Stainless in 15, 35, 60 gallons– Custom sizes available
- **Filter Sizes** – 10, 25, 40, 90 and 150 micron
- **High Pressure Rupture Relief** – available with optional high pressure relief valve
- **Stainless Swagelock tube fittings standard** – others available upon request
- **Corrosion resistance** – using stainless steel, black nitride, anodized, or powder coated components



Accessories

- **Powder coated or stainless steel cabinet for environmental protection** – Available with a heater
- **Tank Accessories** – Heater, low level alarm, automated level control, desiccant breather, tank transmitters
- **Electrical Control Package** – For plug-and-play operation
- **Pressure sensors** – For automated pressure monitoring
- **High Pressure Relief valve** – For an automated upgrade to the rupture relief
- **Handheld Purge Pump** – For easy priming during startup and maintenance
- **Test Stand** - For divider block testing to verify failsafe operation
- **Check Valves** – Stainless steel double poppet check valves built to custom specifications
- **Stainless tank / stand / panel options**
- **Pre-wiring package or full controls available**

Ordering Information

Our Watchman System is custom designed for your application. Our support team will work with you to engineer the system that best fits your application. Please call us at 800-722-0250 or email Sales@SloanLubrication.com

To assist in this process, please provide as much of this information as you can.

- Equipment type
- Equipment sizing / number of delivery points and rates (if available – if not, contact us and we can help calculate the volume of lubricant required)
- Number of lubrication zones
- Area classification / voltage requirements
- Installation environment
- Controls / automation details
- Photos of existing equipment (aids significantly in estimating installation)

SINCE 1922, AND NOW FOUR GENERATIONS OF FAMILY, SLOAN LUBRICATION SYSTEMS HAS BEEN THE LUBRICATION SOLUTION FOR RECIPROCATING AND ROTARY EQUIPMENT. WE INSPECT, INSTALL, TEST, TRAIN, AND MAINTAIN YOUR COMPONENTS TO ENSURE OPTIMAL PERFORMANCE FOR YEARS TO COME.