



SAFEGUARD™ 5000

Lubrication System Console



The CPI SAFEGUARD™ 5000 Lubrication System Console has been designed as a standalone lubrication console for hazardous locations and all types of industrial machinery including reciprocating compressors and reciprocating pumps.

The SAFEGUARD™ 5000 lubrication system console is designed to work with CPI's extensive line of divider blocks and Lubrication System Accessories to provide precise lubrication to your machinery.

Using one of CPI's patented shutdown devices or proximity switches, precise timed and monitored lubrication is provided to your equipment eliminating the significant costs of over or under lubrication.

The Lubrication System Console is configurable allowing for multiple options including Dual Motor Packages allowing for complete redundancy so that you never need to shut down your compressor for scheduled lubrication system maintenance.



Proven Solutions for the Global Compression Industry™

SAFEGUARD™ 5000

Lubrication System Console

Features:

- Single or Dual Motor Driven HVLP Pump Package
- 114 Liter (usable) (30 gallons) Stainless Steel Oil Supply Reservoir
- Dual Suction Side Filtration Circuit
- Single or Dual HVLP Pump Heads
- Dual 10-Micron Discharge Filter Circuit
- Patented POPR® Valve
- XD Master Divider Valve Assemblies
- Heater/Thermostat (Optional)
- High and Low Level Switches (Optional)
- Rugged Steel Frame Powder Coated Finish

Dimensions:

Single: 2032 mm x 1219 mm x 514 mm (80 in x 48 in x 20.2 in)

Dual: 2032 mm x 1219 mm x 819 mm (80 in x 48 in x 32.2 in)

Weights:

Single: 479.90 kgs (1,058 lbs)

Dual: 714.41 kgs (1,575 lbs)

System Working Pressure:

Supply MAWP: 10 bar (150 psi)

Discharge MAWP: 544 bar (8000 psi)

Reservoir:

Material: Stainless Steel

Capacity:

Usable: 114 liters (30 U.S. gallons) between Level Switch Controls

Total: 189 liters (50 U.S. gallons)

Lubrication Oil:

ISO 22 – ISO 680

SAE 5W Engine Oil – SAE 140W Gear Oil

IMPORTANT - Please consult CPI for higher viscosity oil usage.

HVLP Pump:

Plunger Size: 7 mm or 10 mm (.27 in or .29 in)

Maximum Operating Pressure: 238 bar (3,500 psi) - 10mm HVLP pump

Maximum Operating Pressure: 544 bar (8,000 psi) - 7mm HVLP pump



Gauges:

Material:

Case: Stainless Steel

Internals: Stainless Steel

Scale: Dual psi/bar

Fill: Glycerin

Pin Indicators:

Material: Stainless Steel (body & spring), Viton (seals)

Pin: Anodized Aluminum (Color Coded)



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