



SAFEGUARD™ 5000

Lubrication System Console



The CPI, part of the Howden group, SAFEGUARD™ lubrication system console has been engineered as standalone lubrication console for hazardous locations and all types of industrial machinery including reciprocating compressors and reciprocating pumps. It has been 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 CPI SAFEGUARD 5000 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.



SAFEGUARD™ 5000

Lubrication System Console

Features:

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

Dimensions:

Single: 2032mm x 1219mm x 514mm

Dual: 2032mm x 1219mm x 819mm

Weights:

Single: 479.90kgs

Dual: 714.41kgs

System Working Pressure:

Supply MAWP: 150 psi (10 bar)

Discharge MAWP: 8000 psi (544 bar)

Reservoir:

Material: Stainless Steel

Capacity:

Usable: 30 U.S. Gallon (114 litres) between Level Switch Controls

Total: 50 U.S. Gallons (189 litres)

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: 7mm or 10mm

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

Maximum Operating Pressure: 8,000 psi (544 bar) - 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 Aluminium (Color Coded)

