

Technical Data Sheet



XLP50 SERIES Oil Purifier

XLP Series Oil Purifiers continuously remove free, dissolved and emulsified water, particulates, and dissolved and free gases from lubricating and hydraulic oils. Designed for offline recirculation, the XLP helps protect critical equipment, extend oil and component life, reduce unplanned maintenance, and improve fluid reliability with simple, automated operation and minimal operator attention.

Performance

- 50 GPM processing. Reservoirs up to 5000+ gallons
- Removes 100% of free and emulsified water and 90% of dissolved water and gases
- Particle filtration rated at 3 microns with a certified beta ratio of $\beta_{3(c)} \geq 1000$ per ISO 16889 (Multi-pass filter rating)
- Processes fluid viscosities up to 700 cSt

Options

- Particle counter - Monitor ISO Cleanliness Level
- Varnish Control - Continually remove varnish precursors
- Electrical service - Choose from four voltage options
- Lighting scheme - Industrial or Power Gen
- Portability options - Tow package



Features

PLC control, color HMI, front gauge panel and onboard water sensor.

Packed column design utilizing saddle rings.

No hoses. Primary circuits made with stainless tubing and fittings.

Self-contained.
Self-diagnosing.

Base model includes a dry claw vacuum pump.

Benefits

Easy to startup, shutdown and monitor.

Lowers energy usage by minimizing heat and vacuum requirements. No thermal oxidative oil degradation.

No kinks, cracks, or holes.
No hose replacements needed.

Simplifies operator attendance. Improves reliability.

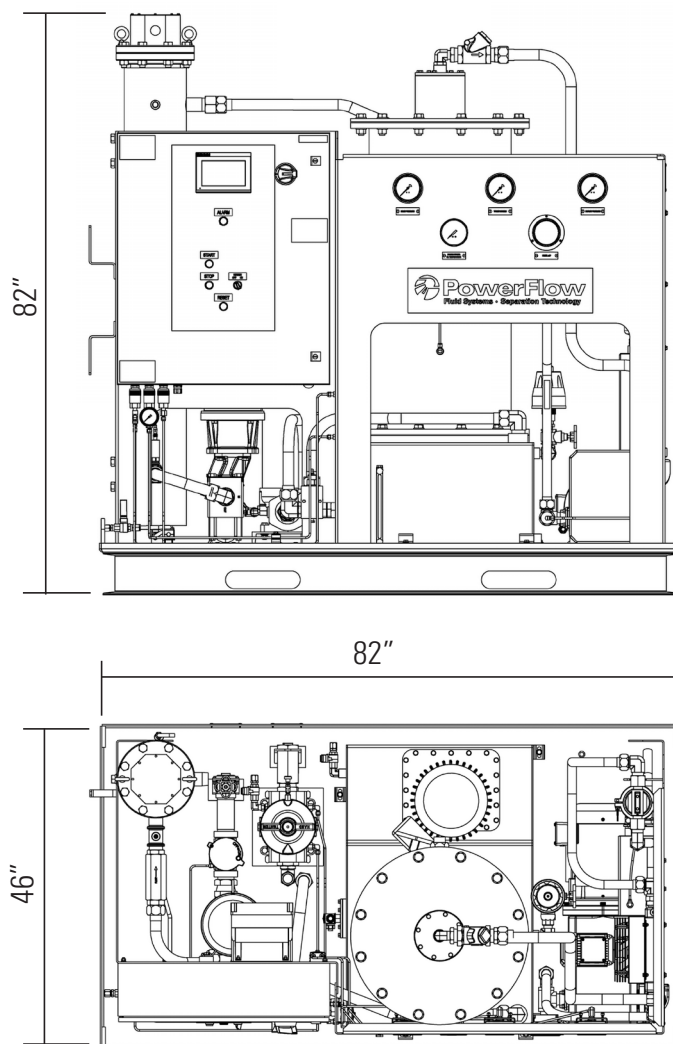
Scales down and simplifies maintenance and operator attendance.

Specifications

Nominal Flow Rate	50 gpm
Inlet Operating Pressure	-14 inHg to 10 psig
Maximum Outlet Pressure	75 psig
Operating Vacuum Range	-15 to -22 inHg
Inlet Fluid Temperature	165° F (maximum)
Ambient Temperature*	32 to 125° F
Viscosity Range	3 to 700 cSt
Voltage Options	240, 380, 480, or 575 VAC
Electrical Enclosure Rating	NEMA 4
Heater Capacity	43 kW
Full Load Amps (FLA)**	59 Amps
Lighting Options	Power Gen or Industrial
Elastomer Seal Options	Fluorocarbon or Buna-N
Paint	Epoxy Powder Coat
Oil Inlet Connection	2" FNPT
Oil Outlet Connection	2" FNPT
Power Piping Code	ASME B31.1
Process Piping Code	ASME B31.3
Approximate Dry Weight	3080 lb

* With Cabinet A/C Option

** Based on 480V / 3Ph / 60Hz



Model Numbers

EXAMPLE: XLP50A03SCB

	480V/60HZ	3 MICRON FILTER	STANDARD LIGHTING	FLOOR	BUNA-N
XLP50	A	03	S	F	B

SERIES	VOLTAGE	FILTER RATING	LIGHTING	MOUNT	OPTIONS
XLP50	A = 480V/60HZ B = 575V/60HZ C = 380V/50HZ D = 240V/60HZ	01 = 1 Micron 03 = 3 Micron 05 = 5 Micron 10 = 10 Micron 20 = 20 Micron	S = Standard P = Power Gen	F = Floor T = Tow	OMIT = None B = Buna-N Nitrile E = Extended Filter Housing P = Phosphate Ester Fluid S = Skydrol Fluid



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