



SULLIPRO™ OIL/WATER SEPARATORS

High-Efficiency Separators for All Lubricant Types

45 – 7200 scfm



THE IMPORTANCE OF OIL/WATER SEPARATORS

Compressed air systems generate condensate made up of water and various other contaminants. Failure to remove these contaminants is bad for the environment. Plus, it may violate the law putting you at risk of penalties and other consequences.

The Sullair Solution

Sullair SULLIPRO™ Oil/Water Separators use a unique cartridge design* to provide a reliable solution to condensate discharge problems.

How?

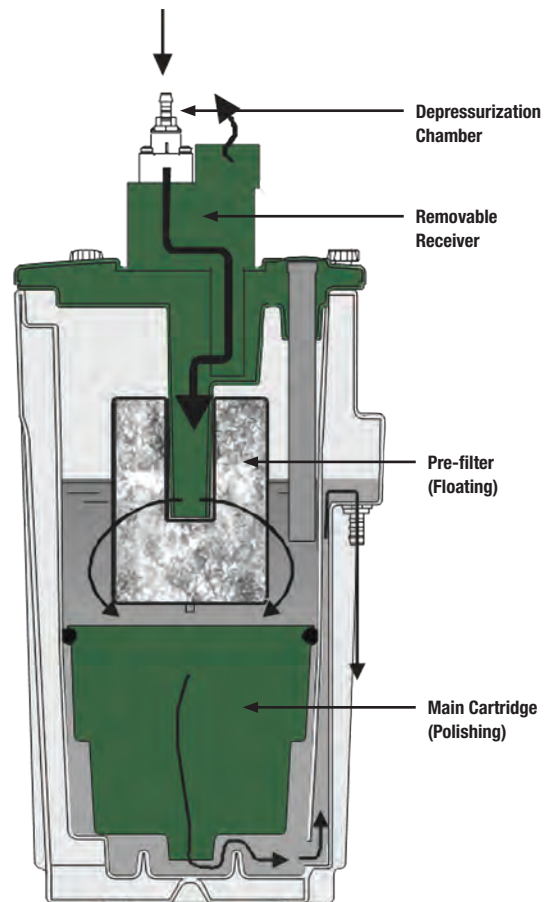
Condensate flows into the depressurization chamber where pressure is reduced.

Then, coarse dirt particles are separated into a removable receiver.

Remaining condensate enters the pre-filter. Designed with cartridge technology and a large active filtering surface, the pre-filter binds oil droplets and absorbs remaining residual floating oil in the filter chamber as condensate flows from inside to outside.*

Then, clean water is piped into a waste water drain and separated oil is contained within the main cartridge for proper disposal.

Once full, the landfill-compliant main cartridge can be disposed of normally in most cases.



* SULLIPRO 100 & 200 units feature direct to filter separation without a cartridge.

SULLIPRO™ OIL/WATER SEPARATORS

SULLIPRO Oil/Water Separators are built for reliable operation, easy service and are environmentally friendly.

- Unique cartridge design *fig.1***
 - Lightweight
 - Maintain a clean & dry exterior—no dirty hands!
 - Easy to change
- Specifically designed flow splitter for easy expansion *fig.2*
- Adjustable multi-port condensate inlets for easy installation
- Unique absorption material for maximum performance
- Reliable operation
 - Works with ALL compressor fluids—including polyglycol
- Environmentally safe
 - Comply with environmental regulations
 - Cartridge can be disposed of normally
 - Safe for most sanitary landfills

** SULLIPRO 450-1500 units only.



fig.1

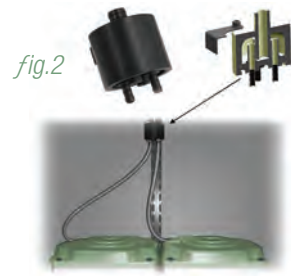


fig.2



SULLIPRO™ OIL/WATER SEPARATORS	SULLIPRO 100 & 200	SULLIPRO 450-1500
Flow Rates <i>scfm</i>	45-225	270-7200
Suitable Lubricant Types	All - Including polyglycol	All - Including polyglycol
Separation Type	Direct to Filter	Direct to Cartridge
Cartridge Based System	No	Yes
Available Options	High Pressure Relief Chamber	High Pressure Relief Chamber
	Alarm Sensor	Alarm Sensor
	Multiple Inlet Adapter	Multiple Inlet Adapter
	Flow Splitter	Flow Splitter
	Spill Protection Basin	Spill Protection Basin

TECHNICAL SPECIFICATIONS

FOR MORE INFORMATION, CONTACT YOUR LOCAL AUTHORIZED SULLAIR DISTRIBUTOR.

SULLIPRO™ HIGH-EFFICIENCY OIL/WATER SEPARATORS

Model	Condensate Feed	Media Capacity (gal)	Tank Capacity (gal)	Filling Capacity (gal)	Height (in)	Width (in)	Depth (in)	Weights (lbs)
SULLIPRO 100	2 x ½"	1 x 1.3	2.6	1.1	21	8		7.7
SULLIPRO 200	2 x ½"	1 x 2.4	4.9	3.1	23	15		12.7
SULLIPRO 450	3 x ½"/1 x 1"	1 x 5.2	17.7	12.4	26	18	21	24.5
SULLIPRO 900	3 x ½"/1 x 1"	1 x 4.9/1 x 5.3	30.51	19.15	44	23	21	70.6
SULLIPRO 1500	3 x ½"/1 x 1"	1 x 9.8/1 x 10.7	60.32	36.24	47	28	26	92.6

ROTARY SCREW COMPRESSOR MAX hp

Model	Mineral Oils	PAO/Diester Oils	Polyglycol Oils
SULLIPRO 100	25	20	15
SULLIPRO 200	50	35	25
SULLIPRO 450	100	75	50
SULLIPRO 900	200	130	100
SULLIPRO 1500	350	210	175

CLIMATE ZONE CORRECTION FACTORS

COOL/MILD	1
MEDIUM/ARID	0.9
HOT/TROPICAL	0.7

FILTER CARTRIDGE LIFE CYCLE***

Shifts	Months
1	10–14
2	8–12
3	5–9



Min/Max Ambient Temperature °F	41/140
Max Condensate Temperature °F	140
Max Operating Pressure psig	232

Sizing Chart Instructions

Identify Type of Oil

Identify Compressor hp***

Apply Climate Zone Factor

Contact your local distributor for sizing.

Formula: Compressor hp x Climate Zone Correction Factor

*** For multiple compressors, use total system hp