

OIL WATER SEPARATION

DEPENDABLE BY DESIGN



SPREMIER PURE OIL WATER SEPARATOR

INTELLIGENT, FLEXIBLE, AND AFFORDABLE CONDENSATE SEPARATION

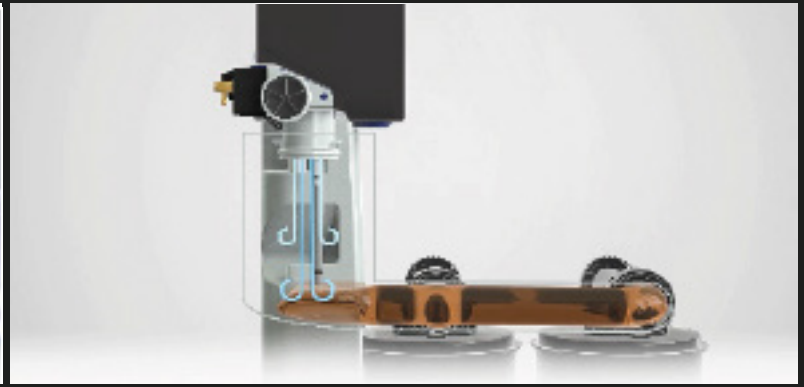


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Intelligent Operation

Flow-regulated control of the unit at all times using capacitive sensor technology, complete visibility of the operational status, and data recording with an controller.



Patented Functionality

The revolutionary principle of using very low pressure compressed air to push condensate through the cartridge in concert with the controls is exclusive technology.



Environmentally Safe

SPremier Pure Oil Water Separator cartridges are hermetically sealed and are safe for sanitary landfills because the oil is securely trapped in the adsorption material, and sealed.



Quick and Easy Service

Patented quick disconnect cartridges combined with a lightweight filling material make installation and service simple, flexible, and clean.



Modular Expansion

A future-proof solution for any application that effortlessly expands and can accommodate up to 3,300 scfm in a compact space.

The condensate enters through the inlet from the rotatable multiple inlet connection [1] into the unit.

The condensate and air mixture is depressurized in the depressurization chamber [2].

The controller unit [3] monitors the status as the condensate flows into the manifold [4] and distribution piping using gravity, then into the cartridges [5], where treated condensate flows through the baseplate [6] and up the discharge tube [7] to the outlet.

When the capacitive sensor of the controller measures a level-high setpoint in the reservoir, the controller will close the piston valve [8] to isolate the entire system from the ambient surroundings.

Assisted by the controller, using very low-pressure compressed air of < 5 psig, condensate is pushed through the filters to the outlet until the level low setpoint is reached.

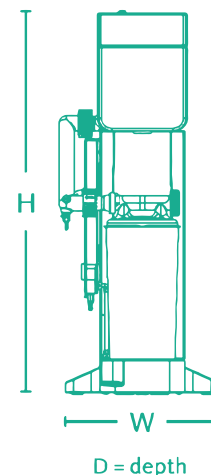
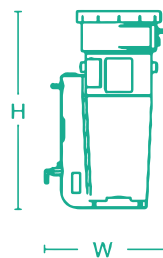
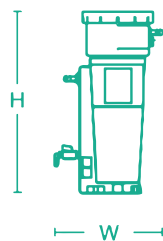
Condensate is held in the collection reservoir beneath the controller unit until discharged.



SPremier Pure Oil Water Separator

with direct to cartridge filtration

- Improved filling material that increases performance
- Works well with all lubricant types
- Lightweight easy to change cartridge
- Min. / max. ambient temperature: 41 °F / 122 °F
- Max. condensate temperature: 122 °F
- Max. operating pressure: 232 psig

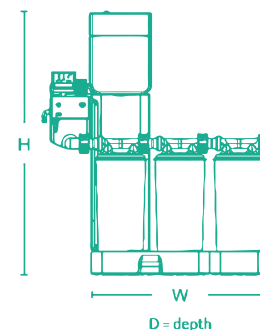
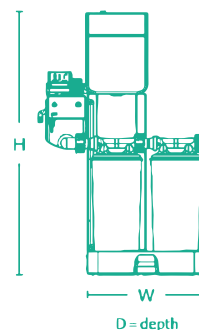
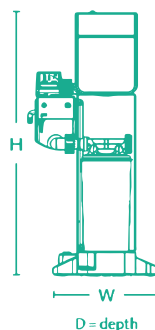
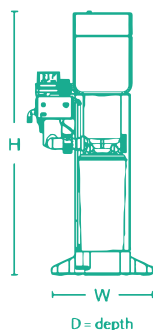


SPremier Pure Oil Water Separator	SPPOWS100	SPPOWS200	SPPOWS400
Max. Total Installed System Flow Rate (scfm)	100	200	400
Compatible Lubricants	All Lubricant Types		
Condensate Inlet	2 x ½"	2 x ½"	3 x ½" 1 x 1"
Number of Cartridges	1	1	1
Voltage (VAC)	-	-	-
Dimensions and Weight			
H x W x D (inches)	21 x 8	23 x 15	58 x 25 x 21
Weight (lbs)	7.7	12.7	29.8

Intelligent SPremier Pure Oil Water Separator

with intelligent operation and direct to cartridge filtration

- Patented, intelligent operation
- Improved filling material increases performance
- Works well with all lubricant types
- Lightweight easy to change cartridge
- Min. / max. ambient temperature: 41 °F / 122 °F
- Max. condensate temperature: 122 °F
- Max. operating pressure: 232 psig



SPremier Pure Oil Water Separator	SPIPOWS550	SPIPOWS1100	SPIPOWS2200	SPIPOWS3300
Max. Total Installed System Flow Rate (scfm)	550	1100	2200	3300
Compatible Lubricants	All Lubricant Types			
Condensate Inlet	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"
Number of Cartridges	1	2	4	6
Voltage (VAC)	90-264 V / 50-60 Hz	90-264 V / 50-60 Hz	90-264 V / 50-60 Hz	90-264 V / 50-60 Hz
Dimensions and Weight				
H x W x D (inches)	58 x 29 x 21	58 x 29 x 31	58 x 37 x 31	58 x 50 x 31
Weight (lbs)	35.3	77.2	99.2	132.3

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