



PolySep Oil Water Separators

2-65 m³/min (60-2,300 cfm)

Unique and efficient PolySep Oil Water Separators from Ingersoll Rand offer unrivaled performance that can easily separate, and permanently absorb, virtually all lubricants.

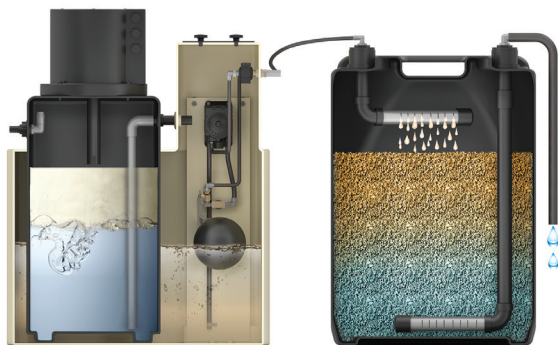


Unrivaled Performance and Efficiency

PolySep Oil Water Separators feature a specially coated Zeolite adsorption media that is able to withdraw and permanently adsorb virtually all lubricants. This proprietary filtration media can even handle highly emulsified lubricants like polyglycols, which are difficult to separate without the use of expensive, oversized separators as found in many competitive systems.

The Responsible Choice

By minimizing the cost associated with the disposal of fluids and keeping them out of the environment, PolySep Oil Water Separators help you to stay compliant with environmental regulations. The PolySep is also designed to operate with minimal maintenance or downtime, resulting in no mess or overflow.



The key to the PolySep's performance is the specially coated Zeolite adsorption media

PolySep Oil Water Separator Features

- **Proven PolySep Zeolite Filtration Media** works with all lubricants, including Ultra Coolant
- **Removes virtually everything** from water, including mineral oils, PAOs, polyolesters, diesters and polyglycols
- **Designed to handle all condensate flow requirements** up to 380 liters/hour (100 gallons/hour), even in hot and humid environments
- **Zeolite adsorption media has a long life**, only needing to be replaced once a year or after 4,000 hours of operation
- **Complies with environmental regulations** by minimizing fluid disposal costs
- **Minimal maintenance required**, resulting in no mess or overflow

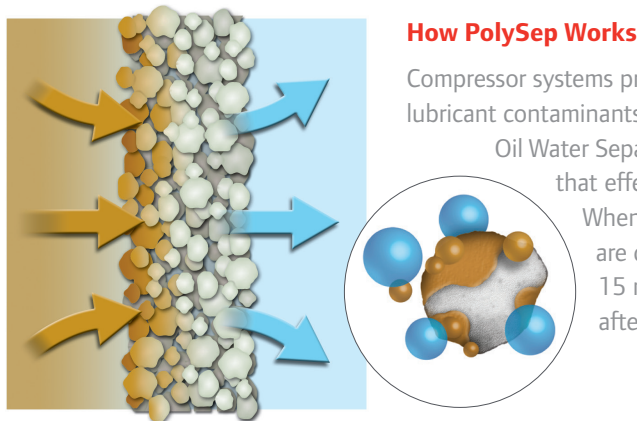
PolySep... Sized for Every Application

For large systems that require more than 18 m³/min (650 cfm), the PolySep AS is designed with a reliable and nearly maintenance-free pump-driven system for easier operation. For smaller systems, the PolySep PSG 7-30 offers a simple solution where maintenance and downtime are minimal.



Performance Data*							
Model	CCN Number	Replacement Module CCN	Air Flow (cfm)		Inlet NPT mm (in)	Max Water Flow 1/hr (gal/hr)	Dimensions mm (in)
			m ³ /min	(cfm)			
PolySep PSG7	38456992	38457008	2	(60)	12.7 (0.5)	2.1 (0.55)	527 H x 292 Dia (20.75 x 11.5)
PolySep PSG15	38339040	38339057	5	(175)	12.7 (0.5)	11.8 (3.1)	673 W x 483 L x 762 H (26.5 x 19 x 30)
PolySep PSG30	38465605	38465712	11	(390)	12.7 (0.5)	26.2 (6.9)	864 W x 533 L x 991 H (34 x 21 x 39)
PolySep AS65	17933051	42528521	18	(650)	12.7 (0.5)	378 (100)	See Layout Drawings
PolySep AS85	17933053	17928718	24	(850)	12.7 (0.5)	378 (100)	See Layout Drawings
PolySep AS115	17933054	42528539	32	(1,150)	12.7 (0.5)	378 (100)	See Layout Drawings
PolySep AS180	17933055	17928719	51	(1,800)	12.7 (0.5)	378 (100)	See Layout Drawings
PolySep AS230	17933056	17928720	65	(2,300)	12.7 (0.5)	378 (100)	See Layout Drawings

* Performance based on 90°F (32°C) ambient temperature and 70% relative humidity.
 * For use with most types of compressor lubricants: PAG, AN, PAO, diesters and synthetics.



How PolySep Works

Compressor systems produce large amounts of condensate. This condensate contains lubricant contaminants that should be disposed of properly. Ingersoll Rand PolySep Oil Water Separators use unique, specially coated Zeolite adsorption media that effectively separates and permanently adsorbs the contaminants. When properly installed and sized correctly, the PolySep separators are capable of providing condensate discharge levels as low as 15 mg/l (15 ppm) and only need to be replaced once a year or after 4,000 hours of operation for optimal performance.



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