

Includes
 Element Replacement
 Indicator



OSB™ Oil/Water Separators

Separate Lubricant Carryover From Air Treatment Condensate

Oil carryover from oil-lubricated compressors is common in compressed air systems. The oily condensate mixture that accumulates from compressed air dryers, filters and aftercoolers is unsafe for legal discharge into surface water, sanitary sewers and wastewater treatment plants.

Using absorption technology, OSB™ Oil/Water Separators remove over 99% of oil content and stable emulsions from liquid condensate. Replaceable filter element bags trap lubricants but allow water to pass through. With lubricant carryover demonstrated to be 10 PPM or less, the conditioned water meets stringent EPA guidelines and conforms to State and local codes for safe discharge.



Disposable elements trap and contain compressor lubricants

Effective In All Compressed Air Systems

- Separates mineral, synthetic and semi-synthetic lubricants, stable emulsions and polyglycol¹
- Operates with all makes of compressors
- Easy to install - requires no electricity
- Visual indication of absorbing element condition
- Signals in the event separator drain line becomes blocked
- Light weight elements for convenient maintenance
- Accepts condensate discharged from automatic drains, timed solenoid drains, manual drains or float style drains

OSB™ models 175 and larger feature a **Visual Media Indicator** that retracts over time to clearly show when element replacement is required. This promotes proper maintenance of the separator to assure effective operation. A secondary indicator communicates a high condensate level if a blockage occurs downstream of the separator.

These dual-tower separators have no moving parts and require no electrical hookup. The seamless molded-plastic construction will not crack or leak, while removable lids provide easy access for periodic element replacement.

See reverse side for Technical Specifications.

¹ Special Polyglycol Elements required for air systems with compressors that utilize polyglycol lubricant. OSB™ models for polyglycol application are designated with a 'PG' suffix on model number.

OSB™ Oil/Water Separators



Available In 7 Sizes

OSB™ model selection is based on air compressor capacity and lubricant type. Refer to the Technical Specifications table below to choose the model that meets or exceeds the total compressor capacity (SCFM) in the air system.

Technical Specifications

MODEL	APPLICATION	AIR COMPRESSOR CAPACITY	CONNECTION SIZE		DIMENSIONS			SHIPPING WEIGHT (lbs.)
			INLET (Qty.)	OUTLET	WIDTH	DEPTH	HEIGHT	
OSB70*	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	Up to 70 SCFM	1/2" (1)	1/2"	10.1"	9.1"	9.7"	9
OSB70PG*								
OSB125	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	71–125 SCFM	1/2" (1)	1/2"	15.5"	8.9"	15.1"	15
OSB125PG								
OSB175	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	126–175 SCFM	1/2" (2)	1"	22.8"	7.5"	24.0"	23
OSB175PG								
OSB350	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	176–350 SCFM	1/2" (2)	1"	25.6"	9.5"	29.5"	42
OSB350PG								
OSB750	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	351–750 SCFM	1/2" (2)	1"	30.8"	12.0"	35.4"	71
OSB750PG								
OSB1250	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	751–1,250 SCFM	1/2" (2)	1"	38.2"	15.0"	35.4"	106
OSB1250PG								
OSB2500	Mineral, Synthetic, Semi-Synthetic Oils Polyglycol	1,251–2,500 SCFM	1/2" (2)	1"	45.5"	18.9"	40.9"	200
OSB2500PG								

* OSB70/70PG models have no serviceable elements. Dispose of entire unit in accordance with Federal and municipal guidelines.

Elements in OSB125/125PG, OSB175/175PG, OSB350/350PG, OSB750/750PG, OSB1250/1250PG, and OSB2500/2500PG models must be disposed of in accordance with Federal and municipal guidelines.



OSB™ Series Oil/Water Separators are certified to the latest DIBt protocol.



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