

Now With
Visual Media
Indicator



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 and when element change is required
- Signals overflow condition, or if drain becomes blocked
- Light weight elements for convenient maintenance
- Accepts condensate discharged from intelligent drains, timed solenoid drains, manual drains or float style drains

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 when dryers, filters and aftercoolers are used to treat the air 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 within the system 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. Disposal, as required by federal and municipal guidelines, is necessary for only the oil-soaked elements.



Disposable elements trap and contain compressor lubricants

OSB™ Oil/Water Separators 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. OSB™ Oil/Water Separators provide a practical and reliable solution for economical treatment of compressed air condensate.

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 designated with a 'PG' suffix on model number.

OSB™ Oil/Water Separators

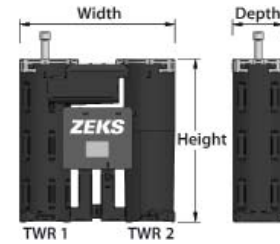


OSB1250
OSB1250PG

OSB750
OSB750PG

OSB350
OSB350PG

OSB175
OSB175PG



Technical Specifications

MODEL	AIR COMPRESSOR CAPACITY	APPLICATION	CONNECTION SIZE		ELEMENT TYPE	DIMENSIONS			SHIPPING WEIGHT (lbs.)
			INLETS (Qty.)	OUTLET		WIDTH	DEPTH	HEIGHT	
OSB175	Up to 175 scfm	Mineral, Synthetic, Semi-Synthetic Oils,	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	23.0"	7.5"	24.0"	23
OSB175PG	Up to 175 scfm	Polyglycol	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	23.0"	7.5"	24.0"	23
OSB350	175 to 350 scfm	Mineral, Synthetic, Semi-Synthetic Oils,	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	25.6"	9.5"	29.5"	42
OSB350PG	175 to 350 scfm	Polyglycol	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	25.6"	9.5"	29.5"	42
OSB750	350 to 750 scfm	Mineral, Synthetic, Semi-Synthetic Oils,	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	30.7"	12.0"	35.4"	71
OSB750PG	350 to 750 scfm	Polyglycol	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	30.7"	12.0"	35.4"	71
OSB1250	750 to 1250 scfm	Mineral, Synthetic, Semi-Synthetic Oils,	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	38.2"	15.0"	35.4"	106
OSB1250PG	750 to 1250 scfm	Polyglycol	1/2" (2)	1"	Absorption (TWR 1) Absorption (TWR 2) Carbon Finishing (TWR 2)	38.2"	15.0"	35.4"	106

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

For installations up to 2500 SCFM, ZEKS recommends the use of two OSB1250 units.



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