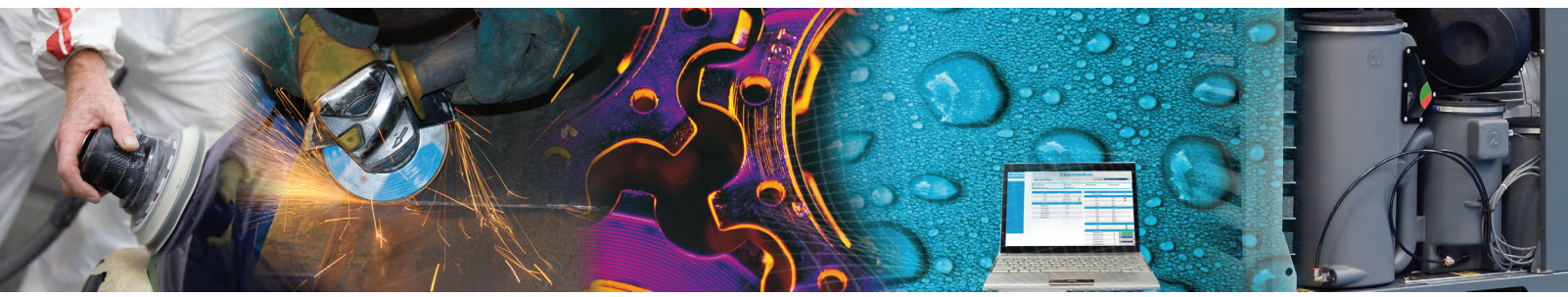
Atlas Copco
Condensate Management



OSCi
Oil/water separator (integrated in GA 37+-55, GA 55+-90)

ENVIRONMENT AND COST CONSCIOUS CONDENSATE TREATMENT SOLUTION

Oil carryover contained in the condensate generated during oil lubricated air compression is an industrial waste that can harm the environment. To protect water, wildlife and ecosystems condensate must be treated according to local regulations. In order to reduce the cost of condensate waste management, OSCi offers a unique integrated solution: it will efficiently remove oil from condensate, delivering water which is harmless and can be disposed in a sewage system. The OSCi is available as an option or as a retrofit kit.

Worry free operation even with stable emulsion condensate.

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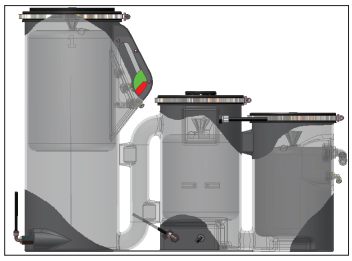
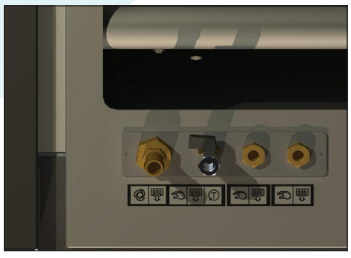
Patented design electronically controlled



First tower oleophilic filter sinks by gravity as it adsorbs oil. Second tower filter breaks stable emulsion and prevents bacteria growth. Third tower carbon filter eliminates remaining oil content before condensate disposal.

Benefits of innovation

EXTREME VERSATILITY

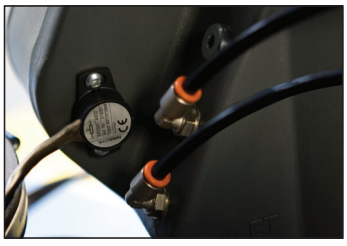


Compatible with all kind of condensates including stable emulsion.
Standard multiple inlets to collect all possible condensate from the compressor: cooler, dryer and filters

TOTAL RELIABILITY

Overflow alarm: a sensor monitors condensate level
Service alarm: a sensor monitors saturation of buoyant 1st-tower filter
Back-up sight glass

CERTIFIED EFFICIENCY



Third party approval by DIBT (Deutsches Institut für Bautechnik)
Expanding on proven efficiency of patented OSC technology.
Innovative 2nd stage filtration and aeration prevent bacteria and break emulsion

USER FRIENDLINESS

Alarms are clearly displayed on Elektonikon®, compatible with AIRConnect™
Test drain located on compressor side panel for easy control with turbidity sample bottle

EASY MAINTENANCE

Clean exchange thanks to service kit including 3 filters, gloves and buckets
Simple water removal through standard tower bottom drains

COST CONSIOUS

No installation required: factory option.
Space saving: no extra footprint as integrated in compressor's canopy.
Minimal maintenance: high efficiency at low running costs

Technical specifications

	Max. inlet flow		Weight		Oil outlet content	Outlet drain inner diam.
	l/s	cfm	kg	lbs		mm
OSCi	315	667	20	44	<15	19/G 3/4

Condensate outlet <10ppm can be achieved by increasing frequency of filter maintenance and depends on specific conditions

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Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

www.atlascopco.com

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