

STETCONE OIL SEPARATOR

APPLICATIONS

Oily wastes and rainwater run-off streams at power stations, rail yards, maintenance depots, transport depots, industrial sites, waste treatment facilities, oil storage sites and ships' bilge and ballast onshore treatment. In fact, any place where free oil contamination is a problem. The Stetcone units are especially effective at separating Heavy Fuel Oil from water at a temperature between 30°-50°C. They should be selected where especially stringent effluent requirements have been specified, in environmentally sensitive areas or where the risk of oil contamination to further processes would have significant effects.

Whilst these units can remove free-oil from bilge water they are not certified to IMO Resolutions MEPC 60(33) or 107(49).



Stetcone rated at 15m³/h

OIL IN WATER MONITOR

An oil detection monitor can be fitted to the unit to monitor oil levels ranging from 1-500ppm although the normal range is 1-40ppm

The monitor works on the principle where an optical sensor detects light scattered and absorbed by oil droplets in the sample stream. The sensor signals are processed to produce a 0-5v dc linearised output to activate two alarm relays at the selected set-point.

OPTIONS & ACCESSORIES

Stetcone units can be supplied as multistage full skid mounted units, with the addition of an Oil/Water monitor to check oil limits in the clarified water outlet, automatic discharge diverter valves, feed pump, QR connections, Lloyds inspection certification, full Eexd or ATEX zone electrical rating and alternative colour scheme.



RANGE

Stetcone is a range of circular two-stage oil water separation units in a range of 3 sizes of 1m³/h, 2.5m³/h and 5m³/h. Where higher capacities are required, units operate in parallel up to the desired flowrate.

The equipment utilises a special stainless steel first stage design coupled with a separation media pack arrangement and a series of oil coalescing cartridges in the second stage. These basic building blocks can be adapted to a wide variety of mechanical configurations and process designs.

FEATURES

Fabricated in mild steel, with an epoxy paint finish for corrosion prevention, or stainless steel. Certificates of Conformity and Hydraulic testing are provided as standard.

Stetcone units are supplied in a self-contained package including all necessary valves, pressure relief devices, gauges, oil detection probe and controls

The units can handle varying oil loads from <1% oil to 100% oil.

On skid mounted systems full access ladder, walkway and safety handrails can be incorporated.

Stetfield Separators Limited

Parkengue,

Kernick Industrial Estate,

Penryn, Cornwall, TR10 9EP

United Kingdom

Tel: +44 (0)1326 562635

Fax: +44 (0)1326 563316

Web Site: www.stetfield.com

email: sales@stetfield.com

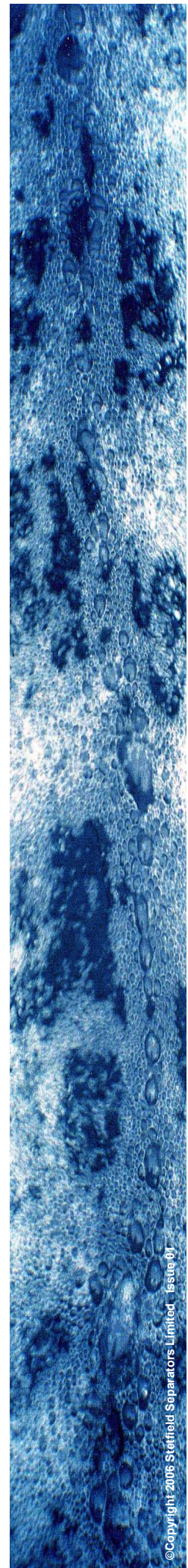
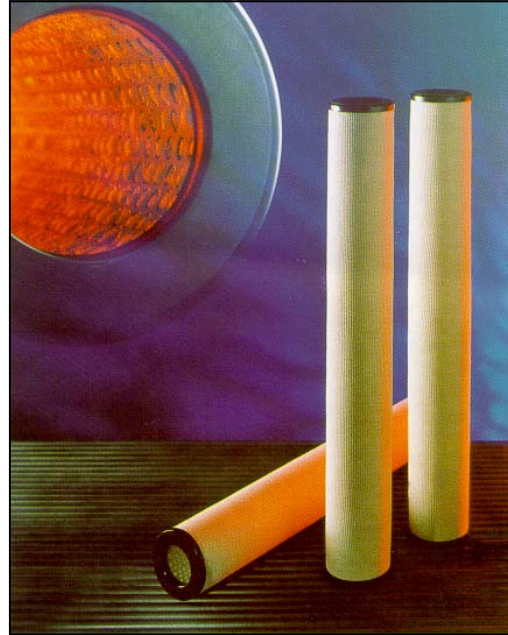
AT ONE WITH SEPARATION TECHNOLOGY

COALESCER ELEMENTS

A comprehensive range of filter water separator coalescer elements for removal of water from aviation fuel, diesel fuel, gas condensate, solvents and gas. Ideally suited for removal of oils from process waters.

ADVANTAGES

- Effective particulate and free water removal from hydrocarbons to less than 5ppm
- Removes solids/particulates m 20µ
- Ease of installation
- Choice of all fibreglass media, a combination of fibreglass and pleated media or all stainless steel
- Tension wound glass-fibre over stainless steel perforated tube to required dimensions, fitted externally with a polypropylene sock



AVAILABILITY

Diameter (mm)		Length Options Available (mm)										Seal Type
External	Internal	286	368	508	546	565	571	730	736	845	1099	
95	30		x	x								'O' ring
152	89	x	x		x	x		x		x	x	Flat
152	50	x	x		x	x		x		x	x	Flat
152	89	x	x			x		x		x	x	Profiled

RANGE

A range of specialised coalescer elements have been developed, including:

- All stainless steel construction
- HEPA type
- Special lengths
- Special materials

STANDARDS

- Approved to Def Stan 49/4-49/3, MIL-F-8901 and MoD STR143 and other standards
- Gas condensate coalescers proven in competitive trial and extended service offshore

Stetfield Separators Limited

Parkengue,

Kernick Industrial Estate,

Penryn, Cornwall, TR10 9EP

United Kingdom

Tel: +44 (0)1326 562635

Fax: +44 (0)1326 563316

Web Site: www.stetfield.com

email: sales@stetfield.com