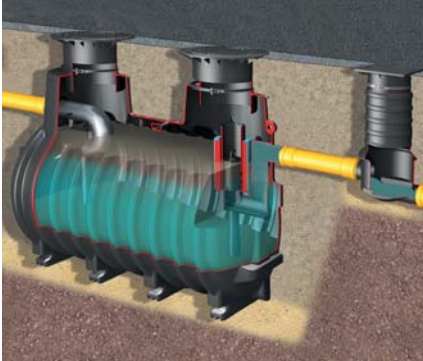


Coalescence separator for underground installation

Coalescence separator NS 3 - NS 15

Products

Illustration	Article description	NS	Total volume	Article #
<p>Suitable for filling stations with high-performance filling pumps, E10 and biodiesel fuels</p> 	<p>Coalescence separator NS 3 - NS 15, class I ❶</p> <p>□ according to EN 858, made of polymer</p> <p>For underground installation, installation depth D = mm</p> <p>With integrated sludge trap and self-actuated closure lock, calibrated for light liquid with densities between 0.85 to 0.95 g/cm³.</p> <p>With removable coalescence filter.</p>	NS 3 NS 6 NS 6 NS 10 NS 10 NS 10 NS 15	1800 4300 5800 2600 4300 5800 5800	99503.10B EX 99706.30B EX 99706.80B EX 99710.15B EX 99710.30B EX 99710.80B EX 99715.80B EX
	<p>Upper sections made of polymer, continuous height and level adjustment, tiltable to 5°, with covers according to EN 124 in cast iron, including removal mechanism, private vehicle traffic proof, class B (depth of earth coverage DEC 700 to 1800 mm), traffic proof for heavy duty vehicles, class D (depth of earth coverage DEC 700 to 1500 mm and additional concrete slab provided on-site), certified statics, Inlet and outlet Ø ... for synthetic material pipes in: PE-HD (according to EN 12666-1); PVC pipe (according to EN 1401-1); PP or AS.</p> <p>Choose separator size and article number from table below. Contact KESSEL for separator sizing support if required.</p> <p>❶ Cover class A/B</p> <p>❷ Cover class D</p>	NS 3 NS 6 NS 6 NS 10 NS 10 NS 10 NS 15	1800 4300 5800 2600 4300 5800 5800	99503.10D EX 99706.30D EX 99706.80D EX 99710.15D EX 99710.30D EX 99710.80D EX 99715.80D EX

Certification no. Z-54.3-454

Change pending

Accessories:

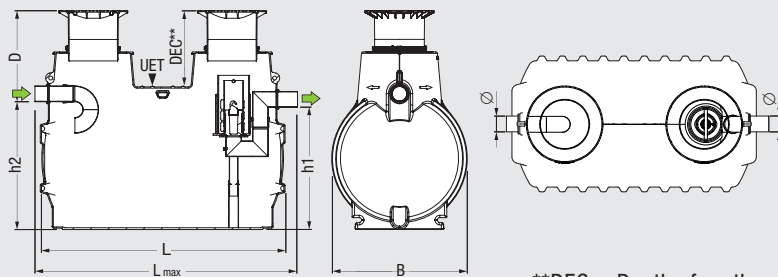
Sampling chamber for underground installation, extension section for deep installation, alarm units for when the maximum oil level is reached and there is a back-up of water (required according to EN 858 Part 1), oil and sludge suction system, pump station, *SonicControl*, *TeleControl*.

Installation is possible with groundwater up to the upper edge of the tank (UET).

A load distribution plate must be planned for class D.

Ø 160: D-DEC = 155 mm

Ø 200: D-DEC = 180 mm



**DEC = Depth of earth coverage
Class D = 700 mm ≤ DEC ≤ 1500 mm
Class A/B = 700 mm ≤ DEC ≤ 1800 mm

NS	Ø*	Sludge trap capacity	L	B	D		h2	h1	Oil storage capacity	Excess level	Weight	Lmax mm
					min	max						
NS 3	160	1000 l	2390	1200	840	1240	1110	1070	217 l	80 mm	395 kg	2642
NS 6	200 ²⁾	2500 l ¹⁾	2590	1760	850	1230	1630	1600	271 l	100 mm	535 kg	2940
NS 6	200 ²⁾	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460
NS 10	160	1500 l	2910	1200	840	1240	1110	1070	267 l	100 mm	440 kg	3162
NS 10	200 ²⁾	2500 l ¹⁾	2590	1760	850	1230	1630	1600	271 l	100 mm	535 kg	2940
NS 10	200 ²⁾	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460
NS 15	200	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460

¹⁾ Comparable sludge trap total volume in accordance with the dimensioning according to EN 858.

²⁾ eccentric reduction inlet/outlet to Ø 160 possible on-site, as a consequence the sampling chamber 915880 A/B/D can be used see page 292.

* Ø = Inlet and outlet outer diameter (mm)