

Fact Sheet Stormwise Oil Separator without Bypass

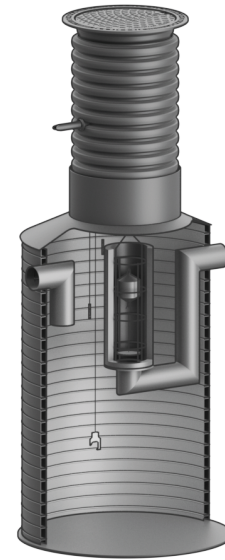
Effective solution for stormwater purification

Removal of oil substances from stormwater

The GF Stormwise oil separator is designed to separate sedimenting mineral suspensions, oil and gasoline substances from rainwater or wastewater, which must not be discharged to the receiver, sewage system or local sewage treatment plants.

The oil separator without bypass is mainly used to clean wastewater from industry, gas stations, car washes, workshops, etc. The lack of a bypass ensures that only clean water will be sent to the receiver. But the oil separator without bypass can also be used to clean rainwater runoff from streets and parking lots.

The GF Stormwise oil separator is a flow device, that uses the principle of coalescence. In an oil separator equipped with a settling tank, sedimentation of the mineral suspension of sand and mud takes place in the settling part. Gravity and the physical processes of adsorption and coalescence are used in the separation chamber.



Compliant with EN 858, class 1

Accelerates your project timeline and simplifies approvals by authorities.



Complete and prefabricated

Saves up to 50% installation time and reduces risks for installation errors.



Compact and robust

Saves up to 50% space and allows flexible placement, even under traffic load.



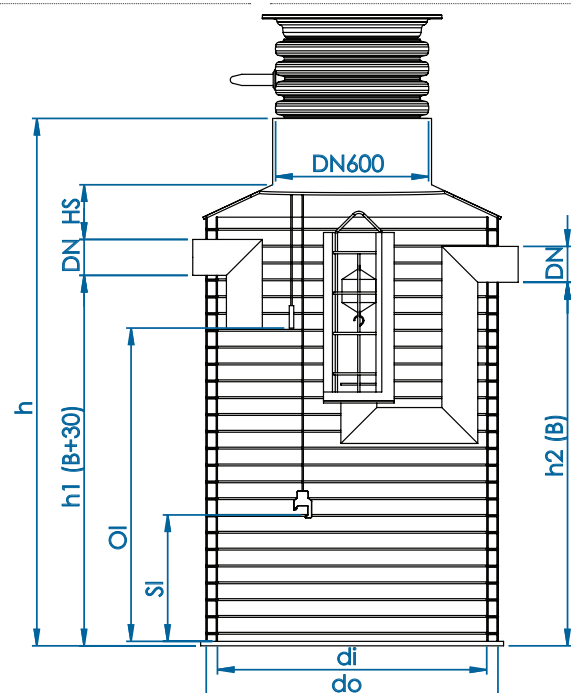
Convenient and accessible

For reliable operation and easy maintenance.

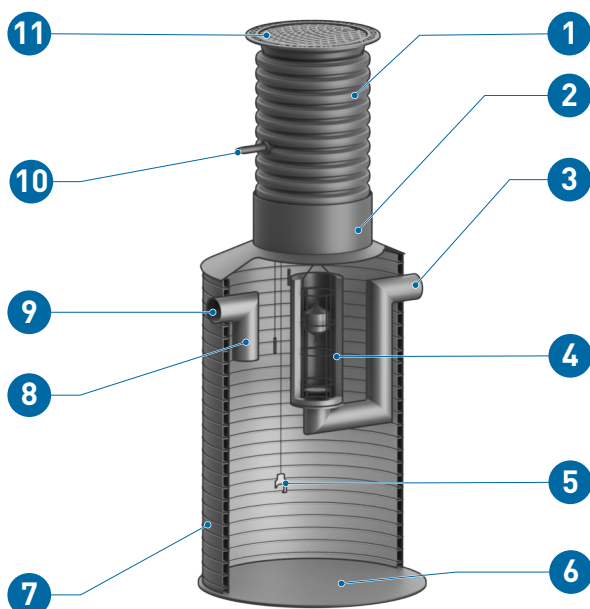
Technical data

Application	Purification of stormwater
Material (body)	PE 100
Material (internal equipment)	PE 100 or stainless steel
Color	Black (outside), white (inside)
Electrical connection	With drilling and rubber seal
Inspection well	IQ-600 PP riser system
Alarm system	ASA-02 (optional, installed separately)
Inner diameter (di)	800 - 2000 mm
Outer diameter (do)	900 - 2250 mm
Height (h)	1610 - 3970 mm
In/out diameter (DN)	160 - 315 mm
Inlet height h1 (B+30)	1040 - 3030 mm
Outlet height h2 (B)	1010 - 3000 mm
HS	108 - 325 mm
Weight	53 - 756 kg
Nominal inlet capacity	3 - 60 l/s
Sand trap capacity	300 - 6100 l
Oil capacity	100 - 1100 l
Sludge probe height	299 - 971 mm
Oil probe height	850 - 2720 mm
Damming probe height	1300 - 3445 mm

Approvals	CE-mark, Declaration of performance No. CPR-20-OIL-2101
Standards	EN 858, EN 13476, EN 13598



Components



Pos.	Designation	Pos.	Designation
1	Riser pipe	7	Oil separator body
2	Riser pipe connector	8	Inlet deflector
3	Outlet connection	9	Inlet connection
4	Coalescing unit with auto-closure	10	Electrical connector for alarm system
5	Alarm system (optional)	11	Riser pipe cover
6	Sludge storage		

Item numbers

Item no.	Description
35001141770	OIL SEPARATOR-PE- 3-0,3
35001141771	OIL SEPARATOR-PE- 3-0,66
35001141772	OIL SEPARATOR-PE- 6-0,6
35001141773	OIL SEPARATOR-PE- 6-1,2
35001141774	OIL SEPARATOR-PE- 6-2,5
35001141775	OIL SEPARATOR-PE- 10-1
35001141776	OIL SEPARATOR-PE- 10-2
35001141777	OIL SEPARATOR-PE- 10-3
35001141778	OIL SEPARATOR-PE- 20-2
35001141779	OIL SEPARATOR-PE- 20-4
35001141780	OIL SEPARATOR-PE- 30-3
35001141781	OIL SEPARATOR-PE- 30-6
35001141782	OIL SEPARATOR-PE- 40-4
35001141783	OIL SEPARATOR-PE- 50-5
35001141784	OIL SEPARATOR-PE- 60-6,1
35001144293	OIL SEPARATOR-PE- 6-5,1
35001144294	OIL SEPARATOR-PE- 10-5,1
35001161341	OIL CONTROL UNIT ASA-02
35001161342	OIL CONNECTION KIT ASA 1207
35001161343	OIL LAYER ASA-LP
35001161344	OIL HIGH LEVEL ASA-HLP
35001161345	OIL SLUDGE ASA-SP
35001059789	IQ CHAMBER TELESCOPE SEALING RING 600 FOAM EPDM
35001060626	IQ CHAMBER RISER PIPE SEALING RING 600
35001086897	CHAMBER COVER 600 BLIND WITH FLOATING FRAME D400
35001086666	IQ RISER PIPE 684/600 BLACK 1.2M PP SINGLE LAYER



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 your stormwater management.
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