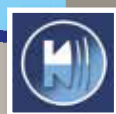


2016 Range



Options

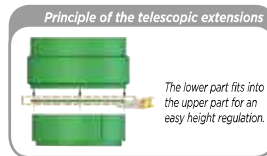
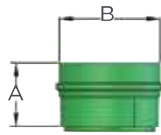
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Extensions and alarms for oil or grease / starch separators

Manhole extensions



! Repartition concrete slab is compulsory in case of more than 2 extension shafts. It is advised to reduce the depth of installation as much as possible to limit the load on the separator and facilitate the maintenance.

References	A (mm)	B (mm)	Weight (kg)	Telescopic	Fixe	Safety grid ref. G106701
ETR47EF	490	780	10,5 kg	•		•
ETR65EF	650	780	18 kg	•		•
PLA13555G	200	610	4 kg		•	
PLA13556G	400	610	6 kg		•	

Reminder

Refer to the model data sheet to determine the number and type of extension.

Oil separators



Oil alarm device – powered with batteries

Intrinsically safe alarm, ATEX certified, consisting of a PVC case IP67 and of a probe equipped with a proximity sensor. Probe cable length : 10m. Powered by 6 alkaline batteries.



Ref
AHO1

For warning of high oil level, maintenance deadline (3, 6, 12 months), battery low level, high water level (with option RM10EX).

Option RM10EX: ATEX float for detection of unusual water high level.



Oil alarm device – power supply 230 V

Intrinsically safe alarm, ATEX certified, consisting of a polycarbonate case IP65 and a conductivity probe. Probe cable length : 5m. Delivered with cable connection.



Ref
AH



Sludge alarm device – power supply 230V

The device consists of a PVC case IP67 and a probe IP68 using pulsed infrared. Maximum distance between the case and the probe: 50 m.

Delivered with 10 metres cable (AB010) or 50 metres (AB050)



Ref
AB010
AB050



Oil and sludge alarm device – power supply 230V

Intrinsically safe alarm, ATEX certified, consisting of a polycarbonate case IP65, a conductivity probe for oil, ultrasound probe for sludge. Probe cable length : 5m.



Ref
AHB

Techneau informs you

Compulsory according to the standard EN 858-1 § 6.5.4 "Separator systems shall be provided with automatic warning devices..." They make it possible to detect an oil level in the separator. A visual and/or audible alarm goes off when the preset level is reached.



Alarms for oil or grease / starch separators

Grease/starch separators



Grease alarm device – power supply 230V

Audible and/or visual alarm 230 V for grease separator allowing for signalling a grease level in the separator before saturation. It also detects a lack of refilling (possible after cleaning).

Equipped with a control box IP67 and with a capacitive probe IP68/IP69K with 10 m cable.



Ref

AG

Additional equipment



Autonomous transmitter without SIM card

Autonomous transmitter using GSM, GPRS, 3G networks. It allows to send predefined SMS to registered numbers (up to 4 numbers).

Activated with the dry contact from alarm control boxes



Ref

TELO20

Techneau informs you

Compulsory according to the standard NF EN 858-1 § 6.5.4 "Separator systems shall be provided with automatic warning devices..." They make it possible to detect an oil level in the separator. A visual and/or audible alarm goes off when the preset level is reached.



Separator anchoring



Polyester rot-proof strap for the Ellipse range

It is attached to the ballasting slab with a steel reinforcement rod (not provided)

Ref

SA107



Anchoring device with polyester strap and turnbuckle diameter ≤ 1600

Made up of 2 polyester rot-proof straps with bichromated steel hooks and a galvanized steel turnbuckle allowing for the final tensioning of the device. *It can be used to anchor a tank with 1600 mm maximum diameter.*

The turnbuckle must be attached and bolted to the ballasting slab using a steel reinforcement rod (not provided).

The quantity will be determined according to the model: [contact us](#).

Ref

SA1216



Galvanized steel turnbuckle

Makes it possible to attach a steel tank type U4, Y1 or NH to a ballasting slab.

Fixed to each anchor bracket of the tank, it is attached and bolted to ballasting slab using a steel reinforcement rod (not provided).

The quantity will be determined according to the model: [contact us](#).

Tank model	Ref
Steel tank diam. 1600 mm	12243T
Steel tank diam > 1900 mm	15126T

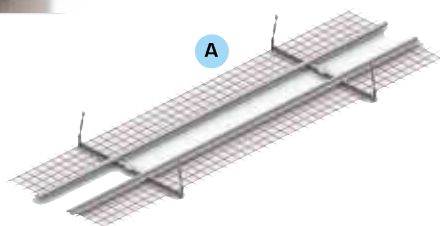
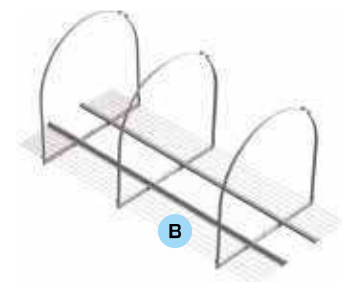


Chassis-speed – Polyester or steel separators

Allows for attaching a steel tank to a bottom slab (ballasting slab) by direct concrete pouring.

For steel separators, it is fixed by means of galvanized turnbuckles on each anchor bracket of the tank. The device is attached and bolted to the ballasting slab using a steel reinforcement rod (not provided). The whole (except the reinforcing mesh) is protected by a rust preventive coating.

For polyester separators, stainless steel anchorage slings are used for attachment to the ballasting slab.



Tank model		Models
Horizontal steel cylindrical tank	A	CSTG_
Horizontal polyester cylindrical tank	B	CACL_



Mandatory in case of groundwater table
(see Installation chapter)



Additional options



Adjustment sleeve

Made of nitrile for oil separators, it makes possible to connect the inlet and/or outlet depending on the pipework characteristics.

Other diameters: [contact us](#).

Ref	ø mini ext.	ø mini ext.	Width	Weight
TSC115	100	115	100	0,6
TSC175	150	175	120	1,0
TSC225	200	225	150	1,7



Solenoid valve for starch

For stainless steel grease separators BDG_I and BDGA_I with starch inlet.

Power supply 230 V.

Diaphragm solenoid valve, indirectly controlled, normally closed

Technical specifications: 2 ways, brass body, EPDM diaphragm $-30^{\circ} + 120^{\circ}$.

IP 65 protection with connector.

Ref

EV1521



1/4 turn valve for mini polyethylene grease separator

Made of PVC

Ref

11417



Starch inlet for stainless steel separator

Stainless steel inlet 100 mm diameter for grease separator type BDG_I or BDGA_I.

Supplied with spray nozzle

Ref

OSF010



Watertight stainless steel cover for manhole

Made of stainless steel, diameter 580 mm or 780 mm.

Closing device on sealing gasket.

Ref	Cover Diameter	Weight
CV0580AEI	580 mm	7
CV0780AEI	780 mm	12



Fall protection grid with independent bars

Special for horizontal and vertical water treatment units

For the workers' safety a fall protection grid with independent stainless steel bars can be added on the manholes of water treatment units type NV, NVB and NH.

Ref

Manhole Diameter

ON1505

580 mm

ON1510

780 mm

ON1515

950 mm

Fall protection grid with independent bars on concrete extension shaft

[Contact us](#)



Additional options



Automatic closure device for vertical water treatment units

Made of polyethylene. Calibrated at hydrocarbon density, this option can stop any hydrocarbon discharge into the sewer network, in case of accidental spillage or hydrocarbon storage exceeding the capacity of the water treatment unit.

Treated flow rate DN	Ref
For NV or NVB DN 100	FLO100E
For NV or NVB DN 160 or DN 200	FLO200E



Emptying column for vertical water treatment units

Made of PVC DN 80. Equipped with symmetric coupling, it facilitates the maintenance of vertical units.

Unit type	Ref
For NV or NVB size 4, 8, 12 and 16	ON100S
For NV or NVB Size 20 and 30	ON1010



Cathodic protection steel parts

Electrically protects a steel tank from its surrounding environment in case of coating scratch or electrical alteration.

Principle of sacrificial anodes:

- an internal cathodic protection (by means of magnesium anodes)
- an external cathodic protection (by means of pre-backfilled sacrificial anodes, connected to the system with a 6 mm² supplied cable)

These protections must be evenly dispatched on the whole tank length. *Contact us to determine the necessary quantity according to the unit.*

Designation	Ref
Internal sacrificial anode	A02M
External sacrificial anode	A05MP



Optional: a control box for internal anodes can be installed so as to check the effectiveness of anodes and cathodes, taking into account electrochemical constraints of the surrounding ground.

Designation	Model
Control box	CCPC_