



Installation

Water treatment system

Wastewater

Stormwater

Polyethylene



Oil separator with EHR
pumping station



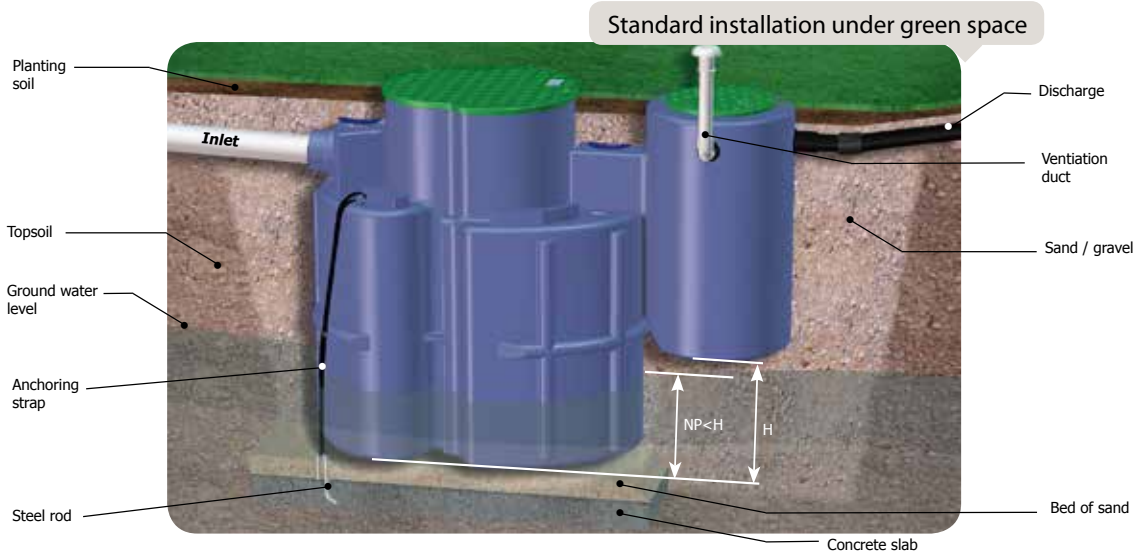
It is imperative to read this notice in addition to notice IN052 p 90, 91 and 92. Make sure you follow carefully these instructions after having received the separator.

The electrical installation should be fitted with:

- a protection against overcurrent for the pump ,
- a differential protection on the power supply.

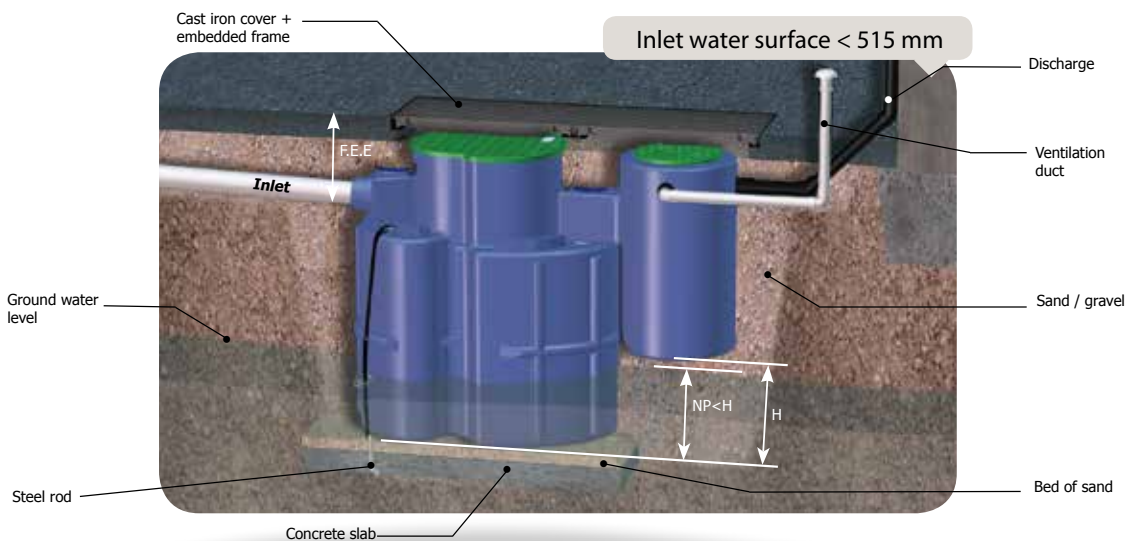
C /Additional precautions for underground installation:

- 1 • EHR separators cannot be installed above ground.
- 2 • For the **EHR05030C reference** the space under the pumping compartment must be carefully backfilled so as it has a perfect support.
- 3 • Make sure you provide the connection of:
 - the vent in PVC Dn50,
 - the cable sleeve using a Dn50 sleeve.
- 4 • The discharge shall be fitted with PVC pressure pipe.
- 5 • The covering shall allow free access to the separator compartment and to the lifting compartment.



In case of vehicular traffic:

- 6a • Inlet water surface < 515 mm:** pour a surface concrete slab.



IN062A version, 19-03-2012 edition. Non-contractual information.

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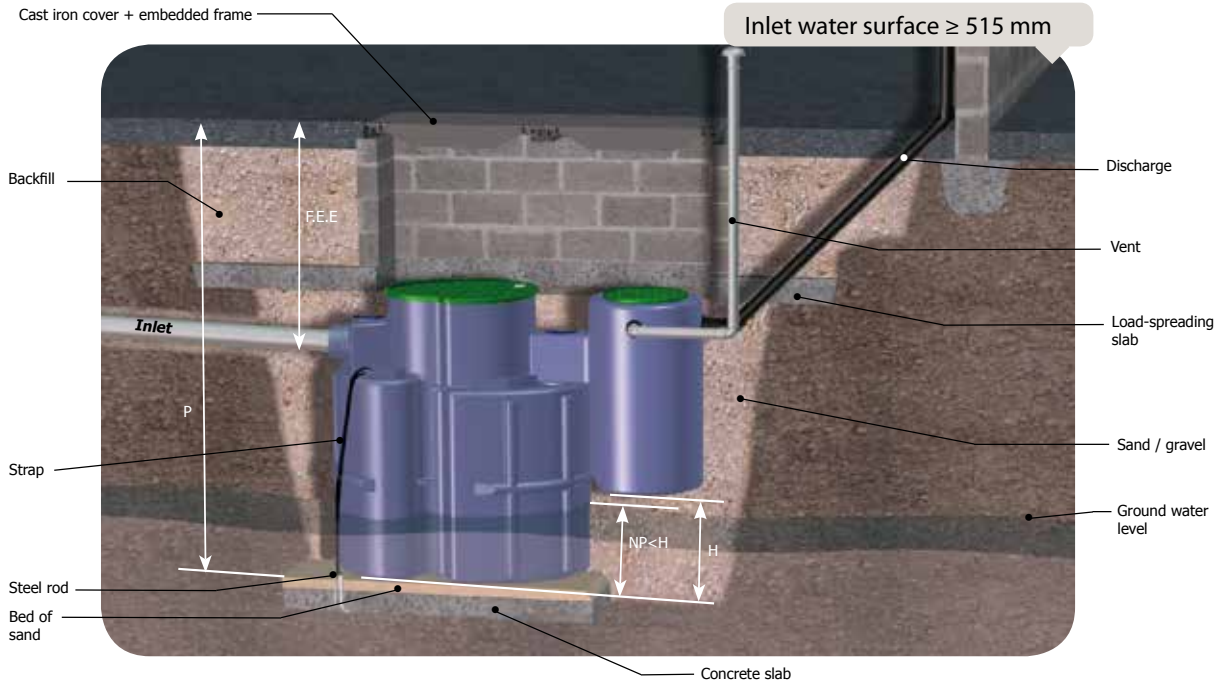
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Installation instructions delivered with the system remain reference instructions.

C / Additional precautions for underground installation (continued):

- 6b • Inlet water surface ≥ 515 mm:** pour a concrete slab supported by the edges of the excavation pit and bearing the vertical loads



D / Installation procedure for steel rectangular tanks:

- 1 • Place the separator horizontally on a firm surface (sand or lean concrete)
- 2 • Connect the inlet and the outlet to the pipework, use our TSC adaptation sleeves.
- 3 • Connect the vent at the upper side. For underground installation, put in place an ICT63 sleeve for the alarm device cable (option).
- 4 • Put the extension shaft in place, adjust its height to the surrounding soil (C range).
- 5 • Fill the tank with clean water.
- 6 • For oil separators, raise the float and release it when the water level is stable.
- 7 • Backfill with sand.
- 8 • **Installation under pavements and car park:** Separator with cast iron cover 250 kN (C range). The frames must be embedded in a concrete slab supported by the edges of the excavation pit (*see the opposite diagram*).
- 9 • **Installation under roadway:** separator with manhole (A range), a concrete slab shall be systematically poured before installing the concrete extension shaft, provide 400 kN covers (*see the opposite diagram*).
Under roadway and in presence of ground water: separator with manhole, pour a ballast slab (taking into account the buoyancy) and also a load-spreading slab above the separator – only if the water level does not exceed 50 % of the height level for the outlet water surface (height level S, *see the opposite diagram*).
- 10 • Check that the float is at the surface.
- 11 • **Above ground installation:** oil separator, the outlet pipe must be ventilated, provide an overflow warning device. Grease separators, use only light, watertight covers (*see the opposite diagram*).



Note: specific cases of starch separators or separators with emptying column :

Starch separator: The spray nozzle must be connected to the water supply and operated by the potato peeler (solenoid valve 15/21 ref.: EV1521)

Separator with emptying column: the emptying column must be extended up to ground level or ground floor.