

INTEGRATED GREASE SEPARATOR

For animal and vegetable oils, fats and greases

PRODUCT DESCRIPTION

ESEP HDPE "integrated grease separator" for animal and vegetable oils, fats and greases, with integrated sludge trap, **series PE.VI 4000 HV/E**, for underground placement. **Capacities 15, 20 and 25 l/s**. Cover types: class A 15 kN (cast iron cover, or lockable steel cover), class B 125 kN (round cast iron cover on concrete base) or class D 400 kN (concrete plate with cast iron cover on concrete base). The shaft height is to be adjusted during installation by the party responsible for installation

APPLICATIONS

Grease separators and sludge traps are widely used in areas where professional preparation of food takes place, and other companies where greases and oils of animal or vegetable origin may contaminate the water effluent, e.g.:

- Hotels
- Restaurants
- Canteens
- Elderly centres
- Hospitals
- Butcheries
- Soap and stearine factories
- Oil mills
- Margarine and vegetable oil factories
- Fast-food preparation plants

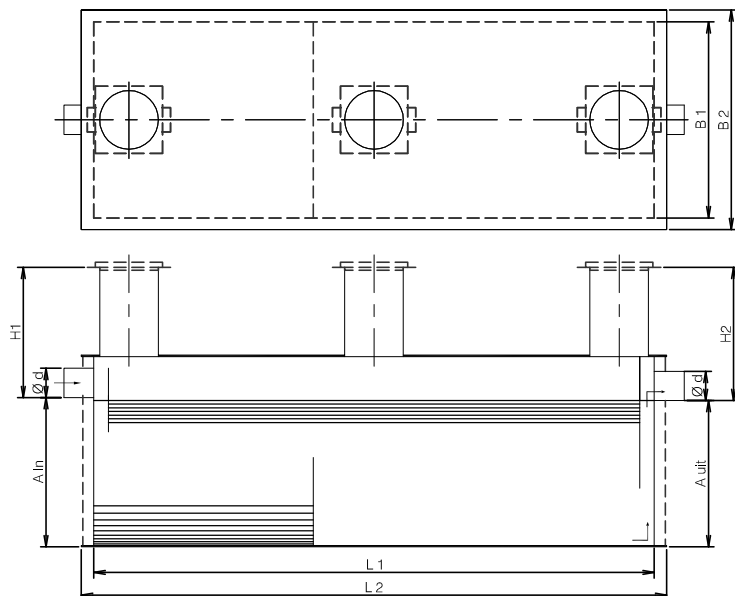
QUALITY

- Capacity determined, dimensioned and tested in accordance with NEN-EN 1825 - BRL 5252.
- HDPE is especially resistant to waste water contaminated with fatty acids (no corrosion).
- CE certified.

Manhole covers

- class A 15 kN (cast iron cover or lockable steel cover)
- class B 125 kN (round cast iron cover on concrete base)
- class D 400 kN (concrete plate with cast iron cover on concrete base)

DRAWING



SPECIFICATIONS

Type	l/s	I*	O*	Ø d	L 1	L 2	B 1	B 2	A in	A uit	Dks.	Kg.
PE.VI 4015 HV/E	15	1500	600	200	3960	4000	1960	2000	760	740	3	900
PE.VI 4020 HV/E	20	2000	800	200	3960	4000	1960	2000	1070	1050	3	950
PE.VI 4025 HV/E	25	2500	1000	200	3960	4000	1960	2000	1340	1320	3	1050

I* = Volume of sludge trap (litres).
O* = Storage volume of oil/fat (litres).

Type	H1 min./max.	H2 min./max.
PE.VI 4015 HV/E	275/875	345/945
PE.VI 4020 HV/E	275/875	345/945
PE.VI 4025 HV/E	275/875	345/945

For determining and calculating the nominal separator size feel free to contact us for support according to the European norm EN-1825

** N.B. Maximum level of ground covering 500 mm. When high groundwater level, intensive traffic or deeper placement is present, extra precautions have to be made. Factory warranty on water tightness up to the usual aquiferous range.