

PARCO P

STORAGE TANKS

INFILTRATION

PUMPING STATIONS

GREASE SEPARATORS

OIL SEPARATORS

GREASE SEPARATOR – PARCO P

PARCO grease separator product line was developed to complement PURECO's separator family. PARCO was licensed by ÉME (based on EN 1825) and certified by Water Management.

Main field of application of PARCO:

- Restaurants,
- Kitchens,
- Meat processing works,
- Food industry



Regulations, standards:

Nominal Size of grease separators -be defined by type of liquid, quantity and, contaminants led trough according to DIN 4040 and EN 1825

Parameters necessary to select equipment size:

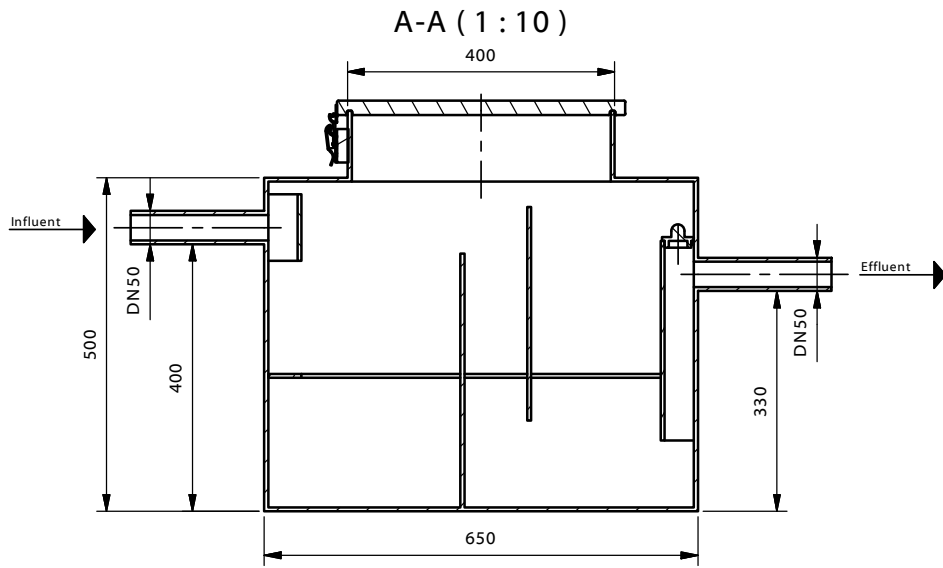
1. Establishing cleaned water capacity, cleaning output NG (l/s). (depending on kitchen types by the attached table – see page 84.).
2. Establishing outflow (cleaned) water allowed SZOE content: Cleaned water leaving separator organic extract (SZOE) content can not be higher limiting value given in 9/2002. (III. 22.) KöM - KöViM order, and given in 204/2001 (X.26.) Cabinet order - on sewage penalties.

Sump and grease separation in equipment happens without chemicals added, only by gravitations phase separation.

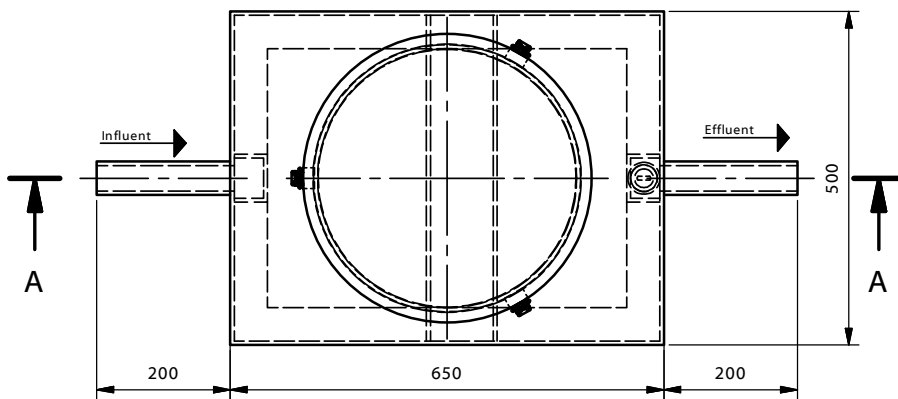
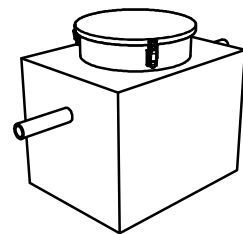
PARCO P

- capacity 0,5-8 l/s
- easy handling
- low heat loss
- high resistance against chemical reactions
- surface is easy to clean (wax-like)
- surface not require additional handling
- based on EN 1825

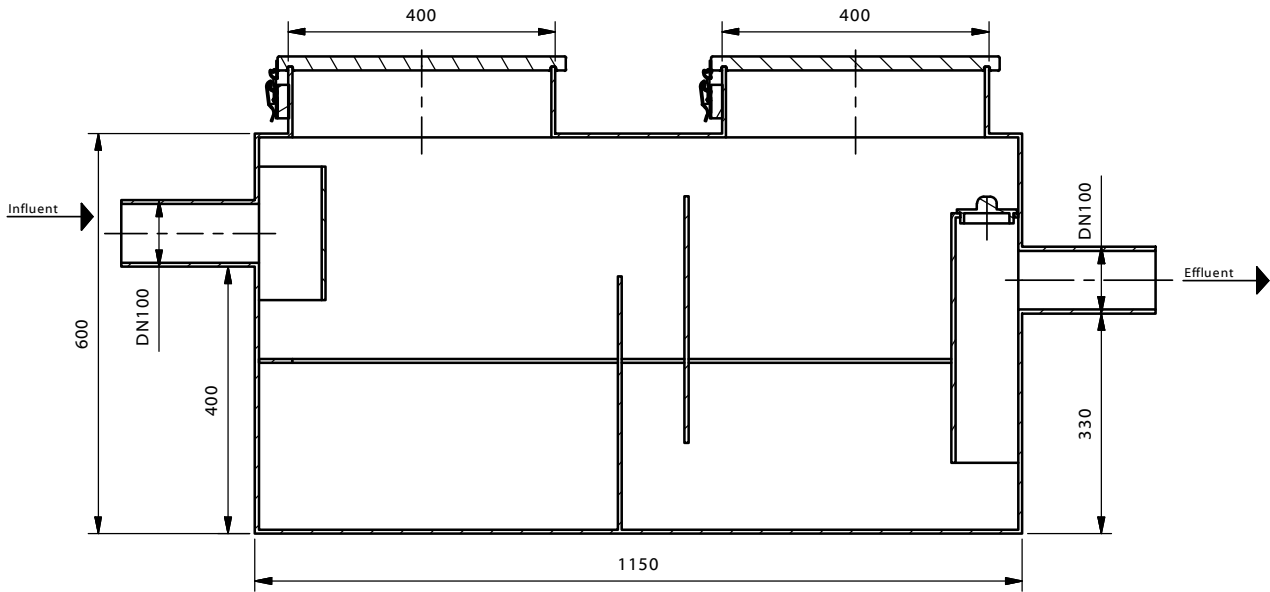
Name	Capacity	Length	Width	Height	Weight
PARCO 0,5-P	1 l/s	650 mm	500 mm	500 mm	15 kg
PARCO 1-P	1 l/s	1150 mm	500 mm	600 mm	25 kg
PARCO 2-P	2 l/s	1000 mm	750 mm	1150 mm	60 kg
PARCO 3-P	3 l/s	1650 mm	750 mm	1000 mm	79 kg
PARCO 4-P	4 l/s	2150 mm	750 mm	1000 mm	99 kg
PARCO 5-P	5 l/s	2500 mm	800 mm	1100 mm	150 kg
PARCO 6-P	6 l/s	2450 mm	1000 mm	1000 mm	160 kg
PARCO 7-P	7 l/s	2850 mm	1000 mm	1000 mm	183 kg
PARCO 8-P	8 l/s	3000 mm	1000 mm	1250 mm	220 kg



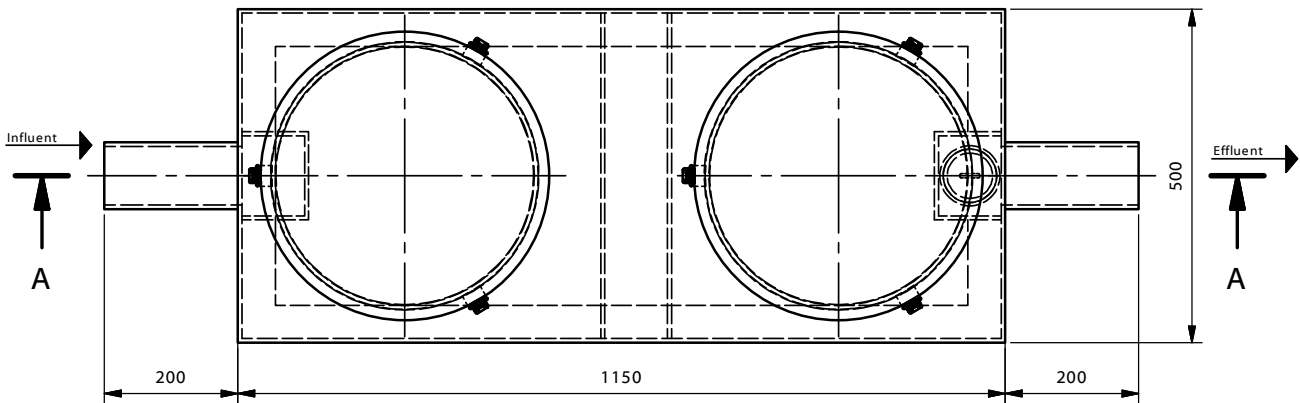
Top View (1 : 10)

Parco 0,5-P
(1 : 25)

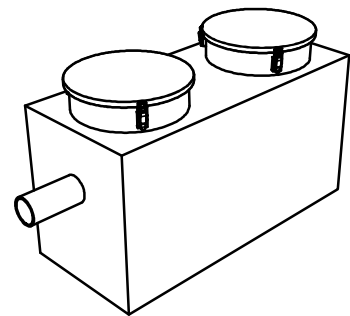
A-A (1 : 10)



Top View (1 : 10)



PARCO 1-P
(1 : 25)



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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

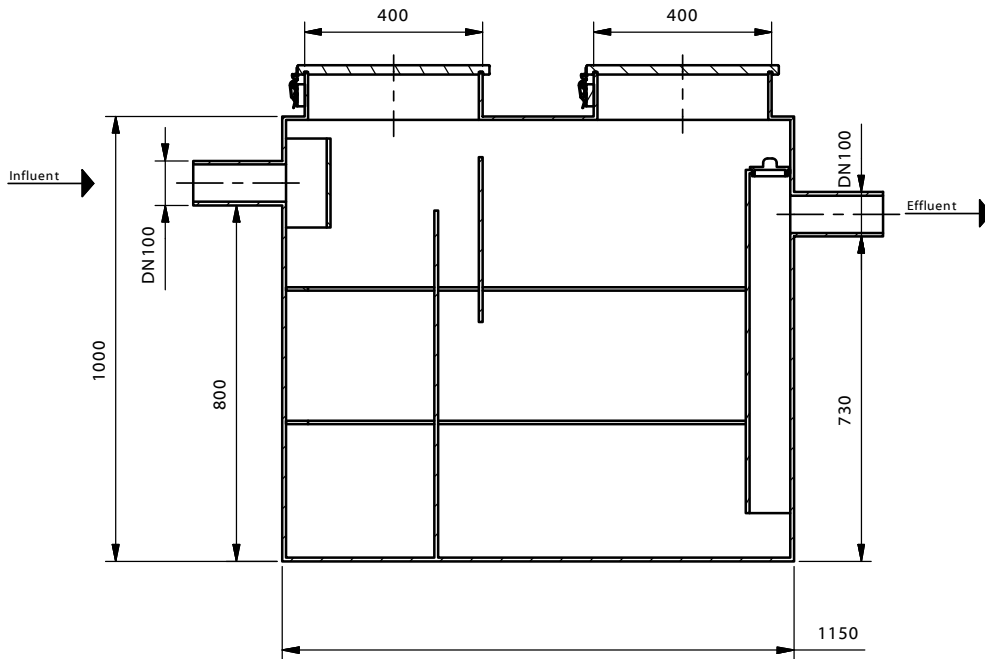
PARCO 1-P

Informational drawing

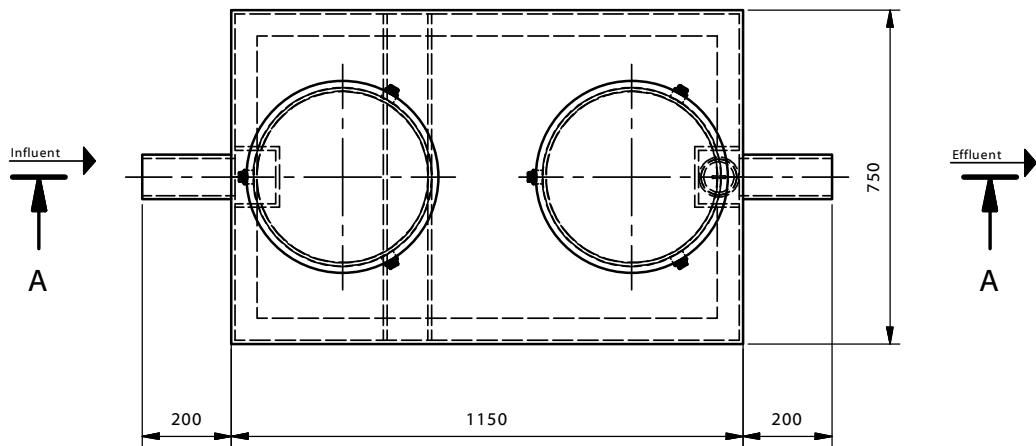
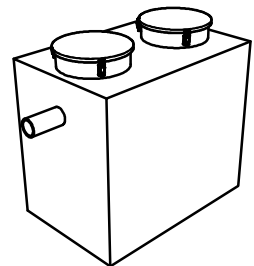
M= 1:10

Capacity:	1	l/s
Efficiency:	50	mg/l FOG
Max element weight:	25	kg
Total weight:	25	kg

A-A (1 : 15)



Top View (1 : 15)

Parco 2-P
(1 : 40)

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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

PARCO 2-P

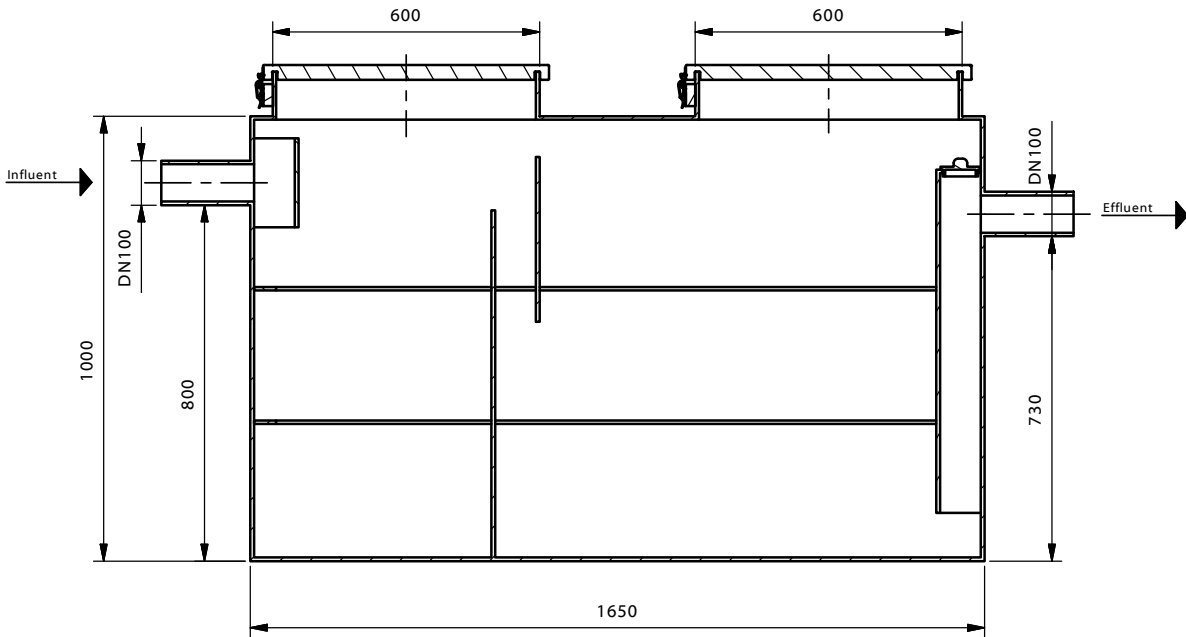
Informational drawing

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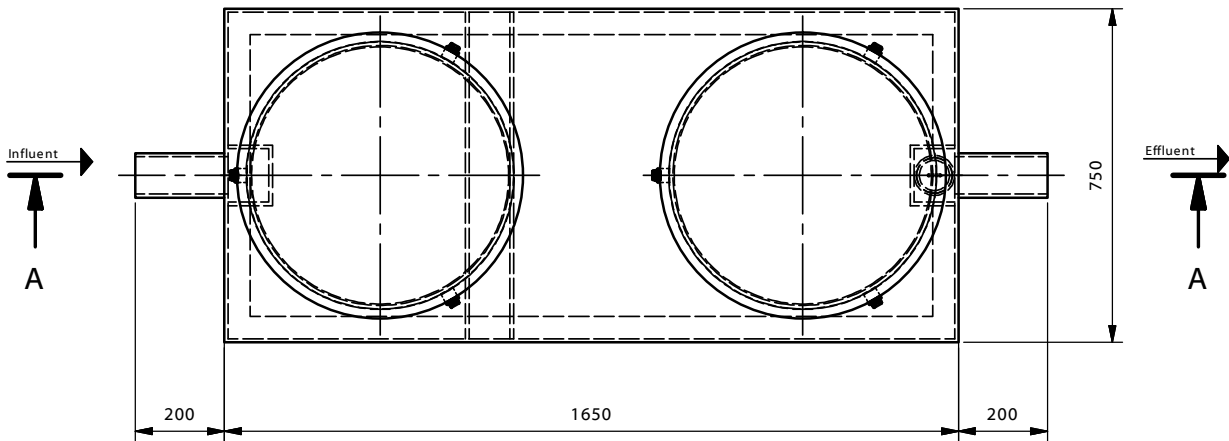
M= 1:15

Capacity:	2	l/s
Efficiency:	50	mg/l FOG
Max element weight:	60	kg
Total weight:	60	kg

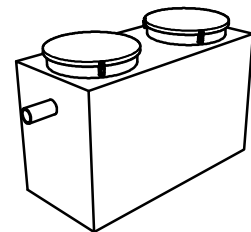
A-A (1 : 15)



Top View (1 : 15)



PARCO 3-P
(1 : 50)



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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

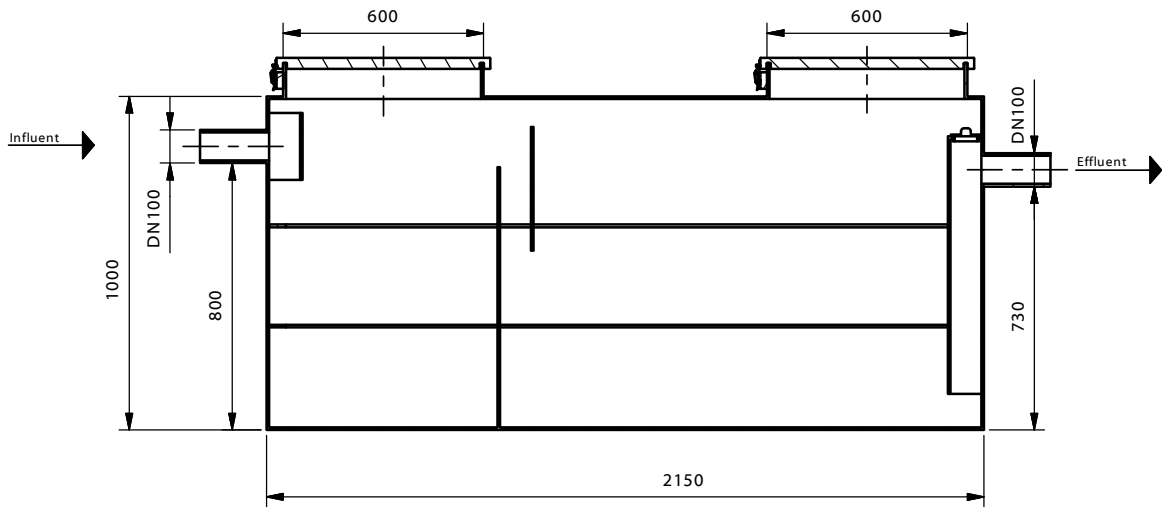
PARCO 3-P

Informational drawing

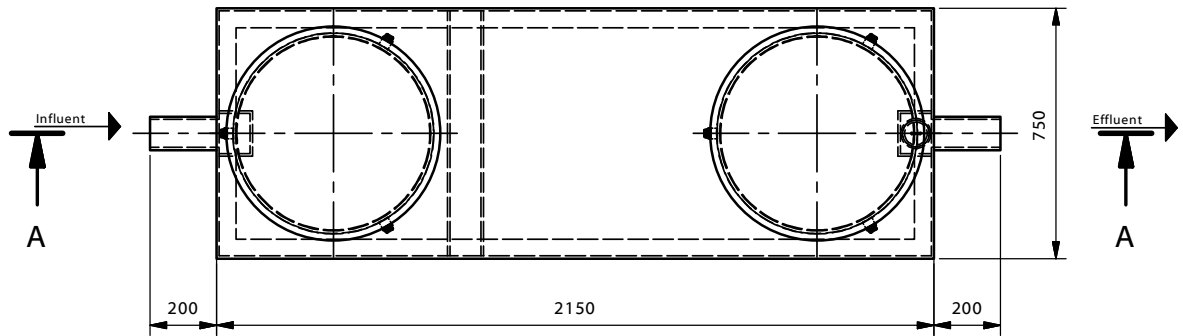
M= 1:15

Capacity:	3	l/s
Efficiency:	50	mg/l FOG
Max element weight:	79	kg
Total weight:	79	kg

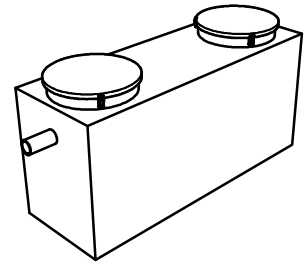
A-A (1 : 20)



Top View (1 : 20)



PARCO 4-P
(1 : 50)



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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

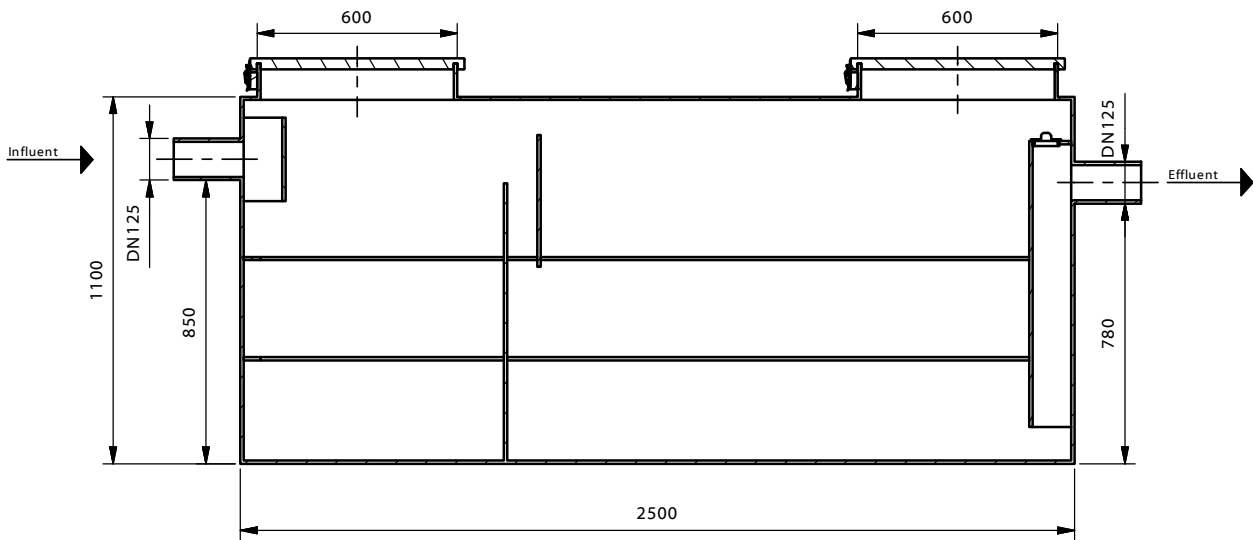
PARCO 4-P

Informational drawing

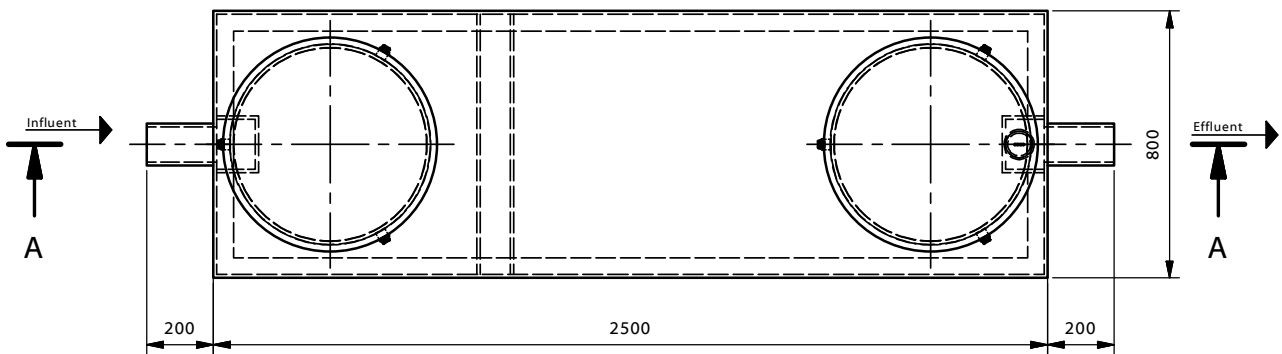
M= 1:20

Capacity:	4	l/s
Efficiency:	50	mg/l FOG
Max element weight:	99	kg
Total weight:	99	kg

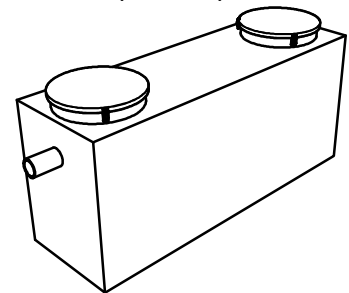
A-A (1 : 20)



Top View (1 : 20)



PARCO 5-P
(1 : 50)



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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

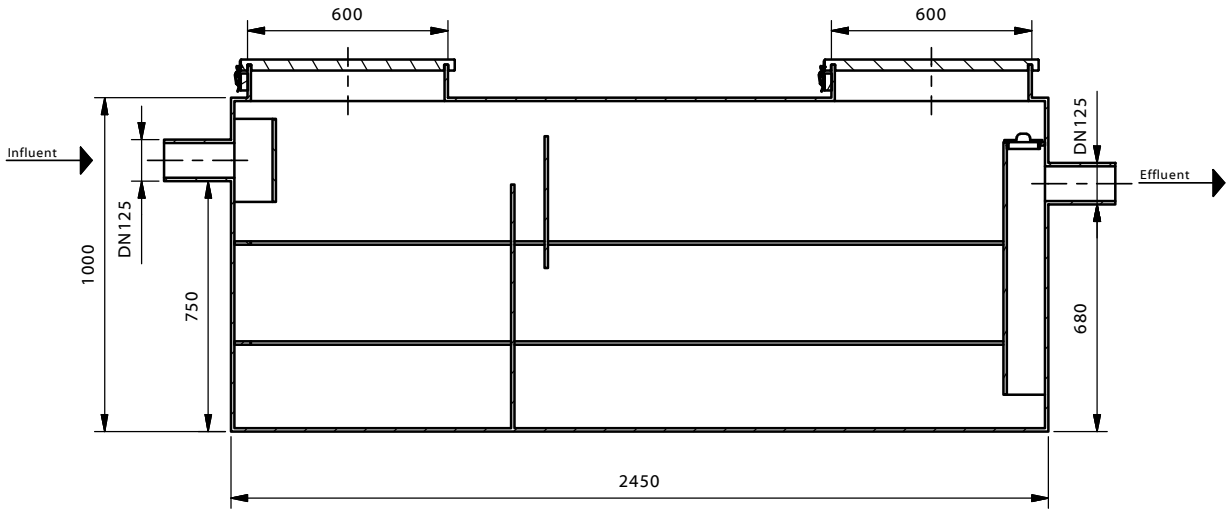
PARCO 5-P

Informational drawing

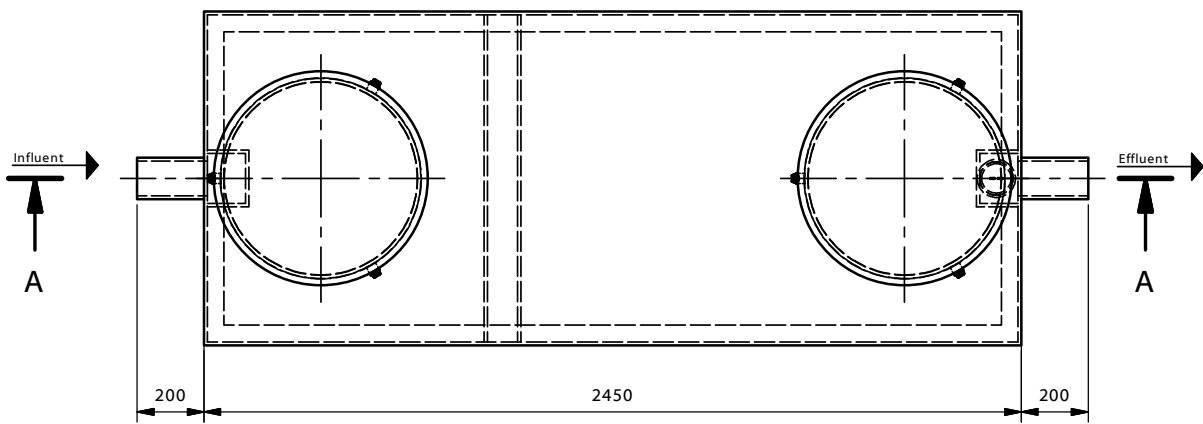
M= 1:20

Capacity:	5	l/s
Efficiency:	50	mg/l FOG
Max element weight:	150	kg
Total weight:	150	kg

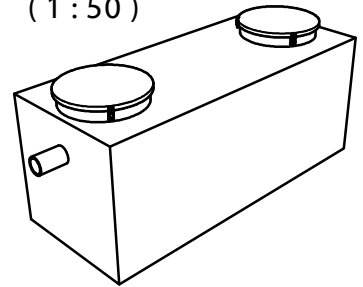
A-A (1 : 20)



Top View (1 : 20)



PARCO 6-P
(1 : 50)



PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

PARCO 6-P

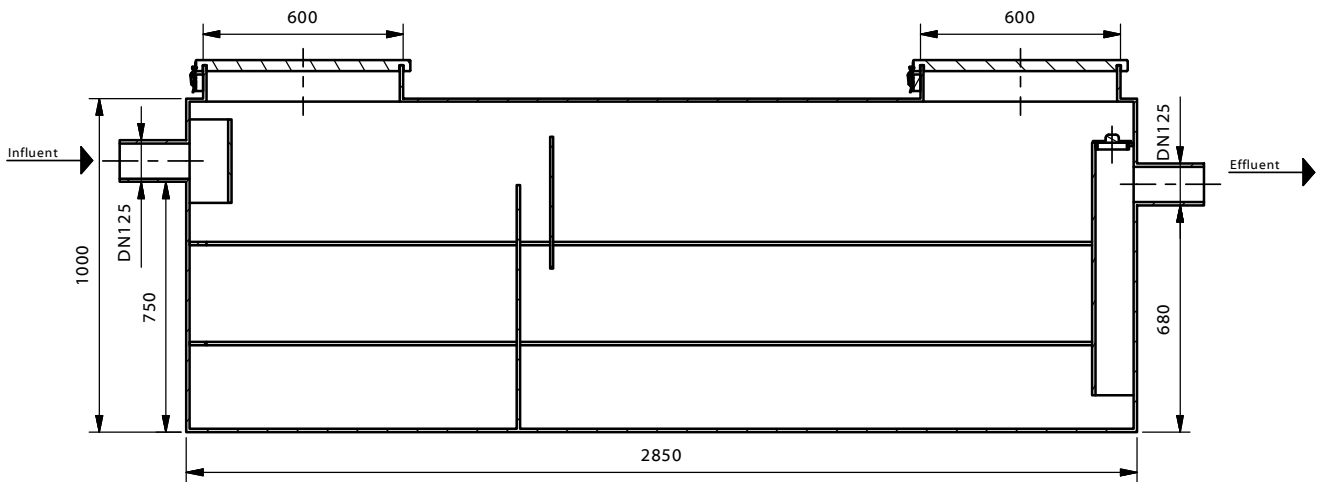
Informational drawing

M= 1:20

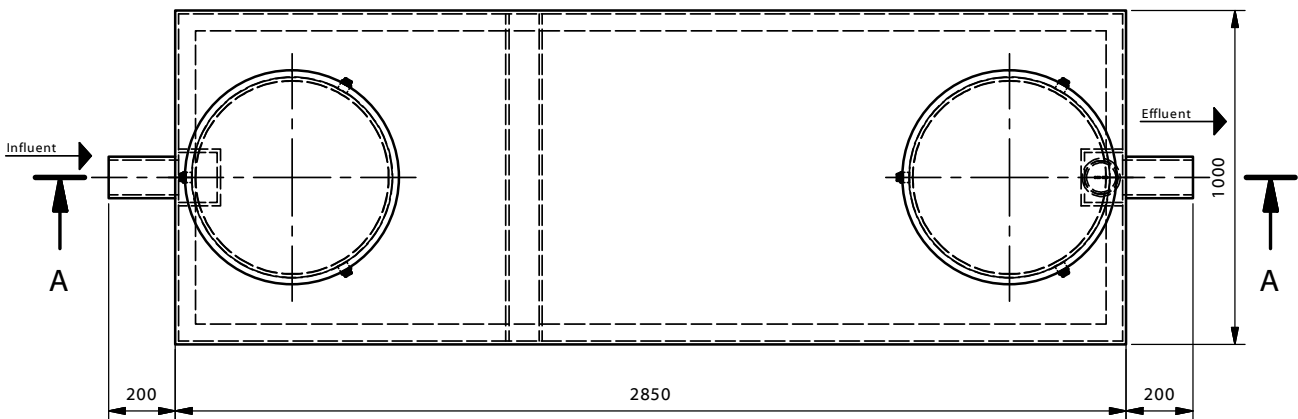
Capacity:	6	l/s
Efficiency:	50	mg/l FOG
Max element weight:	160	kg
Total weight:	160	kg

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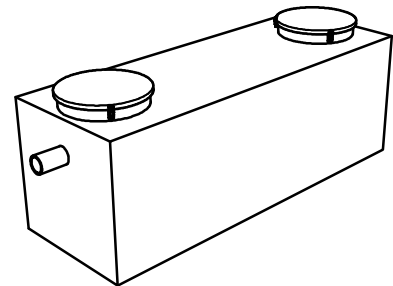
A-A (1 : 20)



Top View (1 : 20)



PARCO 7-P
(1 : 50)



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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

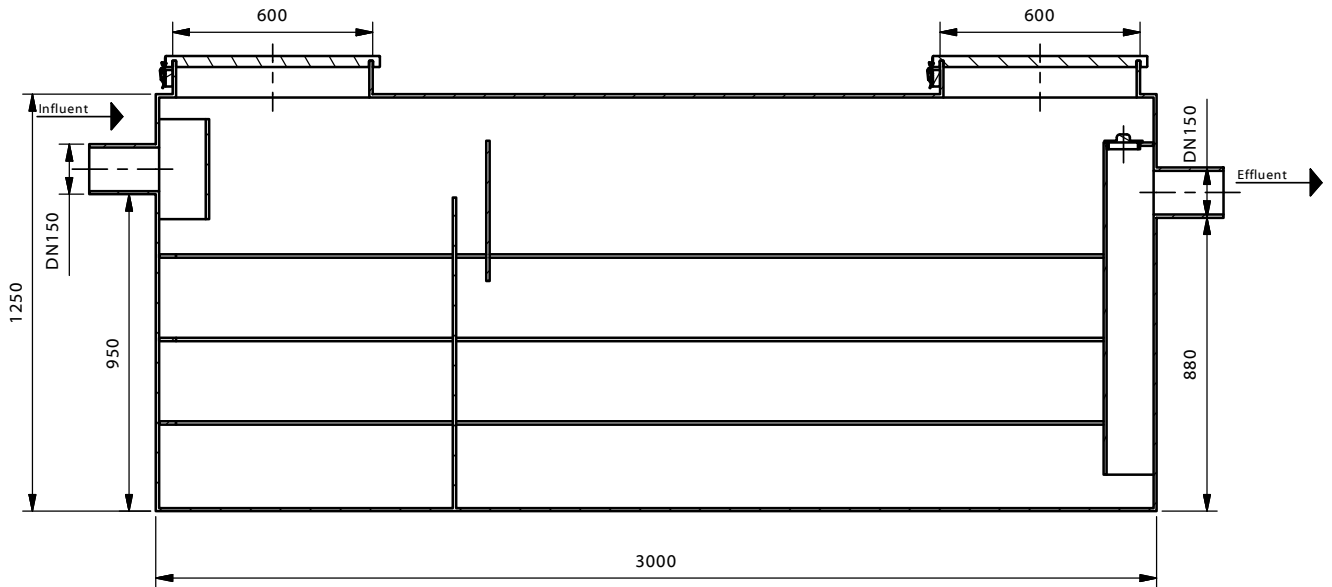
PARCO 7-P

Informational drawing

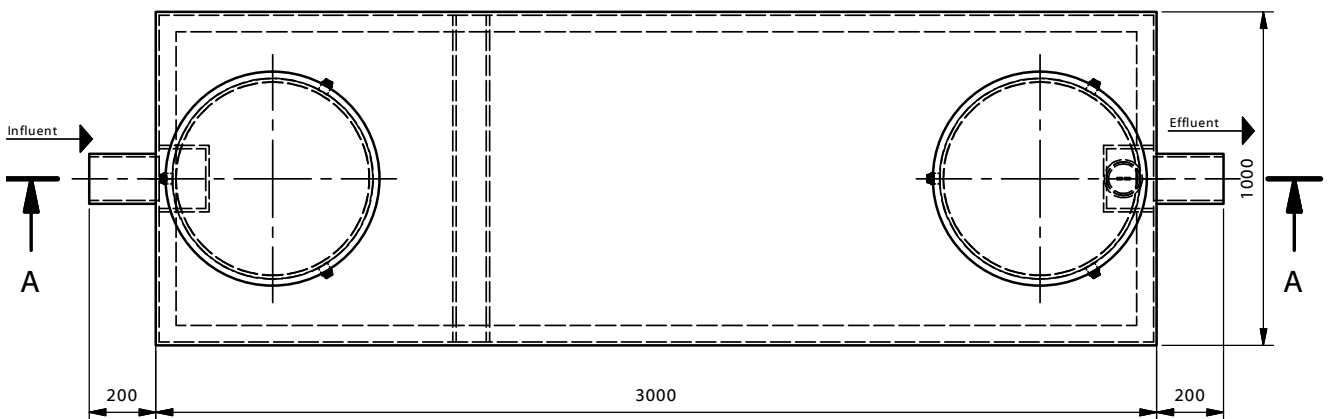
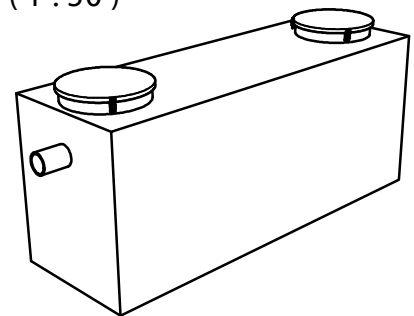
M=1:20

Capacity:	7	l/s
Efficiency:	50	mg/l FOG
Max element weight:	183	kg
Total weight:	183	kg

A-A (1 : 20)



Top View (1 : 20)

PARCO 8-P
(1 : 50)

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PARCO-P Fat and Grease separator in rectangular plastic tank

TYP:

PARCO 8-P

Informational drawing

M= 1:20

Capacity:	8	l/s
Efficiency:	50	mg/l FOG
Max element weight:	220	kg
Total weight:	220	kg

I. PREPARATIONS ON SITE

Excavation of working pit:

- Effective size, width/length is the outline measurement of the equipment + roughly 30-40 cm, considering projecting pipes of the equipment, craning conditions respectively compacting conditions.
- Depth: thickness of receiving base and the overall height of equipment (storage tank, neckpiece, cover plate; crowning height at vehicle loads)

It is not allowed to place the equipment directly into the working pit; receiving base should be built in accordance with soil conditions: depending on local soil conditions roughly 8 cm thick concrete base (C6 quality) and 2-3 cm leveling sand ballast.

If prepared base would be contaminated it should be cleaned before installation.

Before lifting operations it is inevitable to check completeness and flawless condition of delivered tanks and their mechanical units; damages/deviations should also be reported to the manufacturer, and the same time it should be indicated on the construction checklist.

Please note, that maximum 0,5 m earth covering can be filled back on top of equipment. If the tank be installed in deeper position, or it would be positioned under vehicle/traffic load, a load-distributing concrete slab is needed. Please, coordinate positioning/load conditions with manufacturer in all cases in advance, also it should be indicated if anchoring to prevent floating-up should be provided!

II. LOCATION OF THE EQUIPMENT, PUTTING INTO OPERATION

Tanks/separators can be put into the working pit by manpower, or by smaller lifting crane, also with adequate load-bearing capacity textile lash/strap! It is forbidden to move tanks with looped wire-cables without adequate protection of edges! Special care has to be taken to prevent equipment of sliding or swaying from lash/strap when hanging.

It is indicated on tanks which is the ingoing and outgoing side, respectively in case of multiple tanks the process/installation order. Lifting in place should be carried out in accordance with those indications.

Tanks may be connected to each other and to the sewage system by double-siding socket, respectively by special rubber collar.

It is recommended to close ends of pipes in some way, if the equipment would be connected later to sewage network, in order to avoid mud getting into the unit.

Before filling back the soil into work-pit water-tightness test should be carried out in order to check connections. After that filling back of soil may be done by engineer's recommendations. During works tank should be filled with clean water in multiple stages - according to backfill stratification and compacting.

If soil filling back have been completed cast iron manhole covers should be leveled, and frame of covers be fixed by concrete. Moving joint should be created between neckpiece and concrete.

Equipment should be constructed taking above information into consideration!

Before putting into operation tanks should be cleaned from casually infiltrated dirt/mud, in case of oil separators the lifting/pulling cable of float-valve should be fitted on the neckpiece, please check weather filter(s) may be removed! After that the equipment should be filled up with clear water up to the level of outgoing pipe bottom level.

III. SAFETY AT WORK AND HEALTH PROTECTION REGULATIONS

Before commencement of works responsible technical manager should inform employees on legal prescriptions, detailed safety at work and health precautions, pertaining to actual work-process. Works should be carried out in accordance with weather/climatic conditions and environmental circumstances, also taking into considerations technical specifications written in documents of related objects.

Before commencement of works condition of tools should be checked, work may only be carried out by adequately trained personnel, under continuous supervision and control.

During craning works general safety at work prescriptions pertaining to weight-lifting and weight-transportation, standing under crane effective radius or under suspended weight is **STRICTLY FORBIDDEN!!** Lifting should be directed by a responsible manager or crane-hook operator, the weight may be lifted and other operations carried out only after his signaling.

It is **FORBIDDEN** to stand on reinforced concrete units during lifting!

Protective gloves and helmet should be used during works.

Works should be carried out obeying relevant safety at work prescriptions!

Please return to us the Construction Checklist Form filled up by the Contractor/Client. For lack of that manufacturer may refuse demands for guarantee.

If you would have any questions please call our experts.