

1) OVERVIEW:

The grinding system of your macerator is installed in a tank specially designed for horizontal outflow toilets. This macerator is a unit developed in accordance with the rules of the trade and subject to constant quality control. This performance requires the scrupulous following of the installation and maintenance rules in these instructions, and particularly the indications marked by:



Indication, of which failure to observe may cause risks for the safety of persons.



Indication giving warning of a risk of electrical origin.

This appliance is not intended for persons (including children) whose physical, sensory or mental capabilities are limited, or which experience and knowledge are defects, unless they are under supervision and receive the necessary instructions for use the device with the help of a person responsible for their safety. Supervise children and ensure they do not play with the appliance.

2) APPLICATION:

This macerator is for domestic use only: fig. 1.
It has the advantage of high efficiency, safety and reliability provided that all the installation and maintenance rules described in these instructions are observed.

You will find the height/ length equivalences: fig. 2.

NB: Each elbow placed on the evacuation of the macerator causes a decrease in lifting capacity by about 50 cm per elbow.

3) LIST OF SUPPLIED PARTS:

See fig. 3.

4) DIMENSIONS AND OVERALL DIMENSIONS:

See fig. 4.

5) TECHNICAL DATA:

CONSUMPTION:	470 W
FREQUENCY:	50 Hz
VOLTAGE:	230 – 240 V
PROTECTION DEGREES:	IP 44

6) ELECTRICAL INSTALLATION:



**CONNECT THE MACERATOR
ELECTRICALLY ONLY AFTER ITS
COMPLETE INSTALLATION.**



The electrical installation must be done by a qualified person and the rules of electrical installation in a bathroom (NF C15100) must be observed.

- If the cable of this macerator is damaged, it must be replaced by the manufacturer by its after-sales service to avoid any danger.
- The Class I equipment must be connected to a socket 2 poles + earth.
- This mains socket must be used only for supplying the macerator and must be connected to a differential circuit breaker, calibrated at 30 mA and protected by a 5 amp fuse.

7) ASSEMBLY OF THE SIDE INFLOWS: fig. 5

Insert the conical seal (J) on the cap (K) according to the indicated direction (the thickest part of the seal must be in contact with the cap bearing surface).

Insert, as indicated, the "cap - conical seal" assembly in the nut (L), being careful to refit the cap flat on the bearing surface of the nut. Screw the complete assembly to the side inflows of the tank, to the right tightness compress the seal correctly.

8) CONNECTING TO THE SIDE INFLOWS: fig. 6

- Loosen the union nut (L) and remove the entire cap joint assembly (K,J).
- Place the Ø 40 PVC pipe in the nut (L) with its conical seal (J), and tighten the assembly to the union.

All elements connected to the side entrances should result above the level of reflux and have a drop of 130mm minimum: fig. 7.

9) ASSEMBLY OF THE WASHBASIN INFLOW: fig. 8 *optional

The sink can be connected in 2 ways:

- On one of the side entrances
- Either on the pre-entry cuttable cover.

Using a knife, remove the pre-cut cover, mount the connector (B) with a collar (C1) on the entrance of the lid, place the drain of the sink Ø 40 mm in fitting (B) and tighten the clamp (C2)

Any macerator connected to a macerator must be perfectly watertight. Even a slight leak causes untimely starting of the grinder.

10) ASSEMBLY OF THE COUPLING: fig. 9

- Insert the ring (E) in the coupling (D).
- Clip in these two pieces by turning them by a 1/4 turn in the hole of the appliance.

The coupling is intended to be connected to a horizontal WC outlet of a diameter that complies with standards EN33 and EN37.

11) CONNECTING THE TOILET:

Fix the brackets (F) with the screws (G) in the macerator fig.10.
Insert the toilet outflow coupling by pulling the two tabs.

Once the macerator is positioned, fix it to the ground by two screws (not supplied).

12) ASSEMBLY OF THE EVACUATION: fig.11

- Fit the discharge elbow (A) and point it in the direction of evacuation, tighten elbow on the instrument using a collar (C1).
- Connect the drain Ø32 with a collar (C2).

When lifting, we recommend installing a second check valve swing on the drainage line, as close as possible to the grinder.

WARNING !!!



- Observe a slope of 1%.
- Avoid low points in the pipe.

13) USE AND PRECAUTIONS:**WARNING III**

In case of extended absence (holidays for example), cut off the general water supply of the house.
No commercial or industrial application should be allowed.

Toilets fitted with your new macerator are used like a conventional toilet and require minimum maintenance. Each time it is switched on, the macerator takes 5 second to start up. The macerator starts automatically when a certain water level is reached in the tank.

14) SERVICING:

To clean and descale the toilet bowl equipped with your grinder, use standard sanitary descaling agents.

To avoid scale buildup inside the macerator, it needs to be regularly descaled:

- Disconnect the macerator from the electricity,
- Put a dose of descaling product diluted in 3 or 4 litres of water into the toilet bowl,
- Let it rest for several hours,
- Reconnect the grinder, rinse.

Renew two or three times a year.

15) MAINTENANCE:

**DISCONNECT THE ELECTRICAL SUPPLY
BEFORE DOING ANY WORK ON THE
MACERATOR.**



To check the condition of your motor: fig. 12.

- Undo the cover bolts
- Lift the cover
- Place the key (supplied depending on model) or a screwdriver into the motor shaft (as indicated on the 2 figures at the bottom left).

* If you can turn this part of the motor, then open your tank and remove the foreign object.

If nothing is blocking the macerator, consult an authorized repairman.

WARNING III

Only the drainage of toilet paper, faeces and water will be covered by the warranty. Any damage to the macerator by the grinding of foreign bodies such as cotton, tampons, sanitary napkins, wipes, food, condoms, hair, or the pumping of liquids such as solvents or oil are not covered by the warranty.

This unit is equipped with a thermal protection system. Turn off electrical power to the unit for two hours to disarm the security as a result of overheating.

16) MALFUNCTIONS, CAUSES, REMEDIES:

Some operation malfunctions of grinders have minor causes. You can fix them yourself.

To find and repair faults, refer to the table below.

Anomaly	Reasons	Solutions
The unit restarts intermittently.	- The connected fixtures leaking. - The check valve is leaking.	- Check the installation upstream. - Clean or change the check valve.
The motor runs correctly but the water goes down slowly.	- The vent cover is clogged. - The drain is blocked.	- Uncork the vent. - Call a plumber.
The motor rotates but does not stop or runs very long.	- The height or length of discharge is too great or too many elbows. - The pump is clogged background	- Review installation. - Unplug, remove the pump and lead background.
The engine does not start.	- Device not connected. - Faulty socket. - Problem motor or timer.	- Connect the equipment. - Repair the outlet. - Consult a licensed convenience store.
The engine runs very loudly.	- Motor blocked by a foreign body.	- See instructions to check the status of engine.
The motor buzzes but does not turn.	- The capacitor is defective or engine problem. - Motor blocked by a foreign body.	- Call your store. - See instructions to check the status of engine.

For any other problem, contact Customer Service or an approved repair man.

17) WARRANTY CONDITIONS:

The warranty takes effect as of the date of purchase as on the distributor's invoice, provided it is correctly installed and used normally: disposal of toilet paper, faecal matter and water only.

The warranty is limited to replacement or repairs in our workshops of parts recognised as faulty. In no case may the warranty imply the possibility of claiming compensation or financial penalties.

Transport and packing costs and travelling expenses are not covered by our warranty.

The warranty does not apply to replacement or repairs resulting from the normal use of the equipment, deterioration or accidents caused by negligence, failure to check for or repair faulty installation or any other faults out of our control.

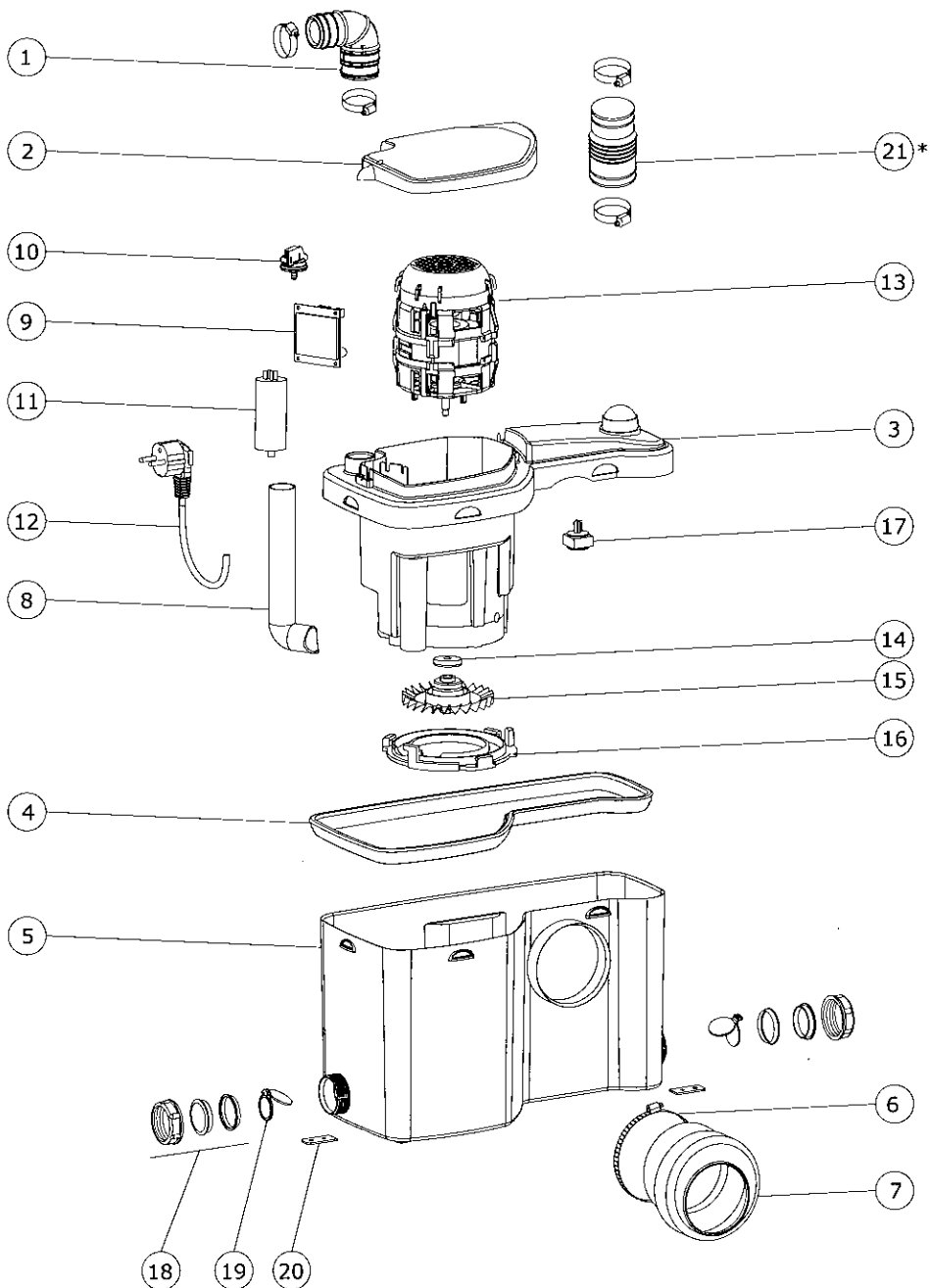
Our warranty is immediately and completely cancelled if the customer modifies the supplied equipment or has it repaired without our agreement.

Repairs, modification or replacing parts during the warranty period cannot have the effect of prolonging the warranty time.

If, however, our liability is engaged, it would be limited to any damage at the value of the goods and labour supplied by us.

This invoice shall be required for any claim against the warranty.

Texts and drawings are not contractual, the manufacturer reserves the right to make any changes without notice throughout its range as well as the technical and commercial documents.



Texte, dessins et images ne sont pas contractuelles. Texto, los dibujos y las imágenes no son vinculantes. Texto, desenhos e imagens não são vinculantes.

Text, drawings and pictures are not contractually binding. Tekst, teckningen en foto's zijn niet bindend. Testo, disegni e immagini non sono vincolanti.

Tekst, rysunki i zdjęcia nie są wiążące. Text, teckningar och bilder är inte bindande. Tekst, tegninger og billeder er ikke bindende.

Text, Zeichnungen und Abbildungen sind unverbindlich. Szöveg, rajzok és képek nem kötelező érvényűek. Текст, рисунки и изображения не са задължителни.

Text, kresby a obrázky nie sú záväzné. Besedilo, risbe in slike niso zavezujoči. Text, kresby a obrázky niso obvezujoči.

Tekst, joonised ja pildid ei ole siduvad. Teksti, piirustukset ja kuvat eivät ole sitovia.



0679

SETMA EUROPE Zi Athelia3 Voie Antiope

16

DoP01abro DoP00apom

EN 12050-3

Station de relevage à application limitée DN 40 pour effluents contenant des matières fécales.

- Code de référence du produit : « cuve 6 »
- Matériau : PP.

pour le drainage des points d'écoulement qui se situent en dessous du niveau de reflux dans les bâtiments

Réaction au feu

NDP

Étanchéité à l'eau, étanchéité à l'air

- Étanchéité à l'eau
- Étanchéité aux odeurs

Réussite

Réussite

Performance (Performance de relevage)

- Pompage de substances solides

Réussite

- Raccords de conduites

Réussite

- Cotes minimum de la conduite de ventilation

Réussite

- Vitesse d'écoulement minimum

Courbe de débit pompe

- Passage libre minimal de l'installation

Réussite

Résistance mécanique

Réussite

Niveau de bruit

73 dB

Durabilité

Réussite

- de la stabilité structurelle

Réussite

- de la performance de relevage

Réussite

- de la résistance mécanique

Réussite

Substances dangereuses

NDP



0679

SETMA EUROPE Zi athelia3 Voie Antiope

16

DoP01abro DoP00apom

EN 12050-3

Lift station to limited application DN 40 for effluents containing faecal matter.

- The product reference code: «tank 6»
- Material: PP

for drainage of flow points which lie below the level of reflux in buildings

Reaction to fire

NDP

Watertight, air tightness

- Water tightness
- Seal in odors

Success

Success

Performance (Performance of lifting)

- Pumping of solids

Success

- Pipe fittings

Success

- Minimum dimensions of the ventilation duct

Success

- Minimum flow rate

Flow of the pump curve

- Minimum installation clearance

Success

Mechanical resistance

Success

Noise level

73 dB

Sustainability

Success

- structural stability

Success

- the performance of lifting

Success

- mechanical resistance

Success

Dangerous substances

NDP



0679

SETMA Europa Zi athelia3 Voie Antiope

16

DoP01abro DoP00apom

EN 12050-3

Heben Sie die Station, um begrenzte Anwendung DN 50 für Abwässer, Fäkalien enthalten.

- Das Produkt Referenz-Code: «tank 6»
- Material: PP

für die Entwässerung von Strömung verweist die liegen unter dem Niveau des Rückflusses in Gebäuden

Brandverhalten

NDP

Wasserdicht, Luftdichtheit

- Wasserdichtigkeit
- Gerüche versiegeln

Erfolg

Erfolg

Performance (Wertentwicklung Facelift)

- Pumpen von Feststoffen

Erfolg

- Rohverschraubungen

Erfolg

- Mindestabmessungen der Lüftungskanal

Erfolg

- Minimaler Durchfluss

Durchfluss der Pumpe-Kurve

- Minimaler Abstand

Erfolg

Mechanische Festigkeit

Erfolg

Ebene Lärm

73 dB

Nachhaltigkeit

Erfolg

- strukturelle Stabilität

Erfolg

- die Leistung des facelift

Erfolg

- mechanische Festigkeit

Erfolg

Gefährliche Stoffe enthalten

NDP