








## Instruction manual of disintegrating discharge pump SANIBO

 **CAUTION!** before use please read the instruction manual. For the safety reasons only person who knows exactly how to use the pump is allowed to use it.

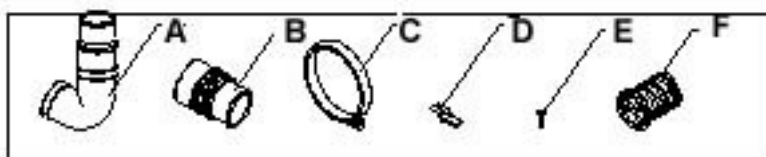
 **CAUTION!** instruction manual is the essential element of the purchase agreement. If the user does not follow the instruction manual this means breaching the agreement and excludes any queries regarding the fault of the device caused by use inconsistent with the instruction.

  **CAUTION!** This equipment is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

 **CAUTION!** before installing the device, check have all the fittings been taken out from the pump chamber of the device. Before starting for the first time the pump chamber should be empty.

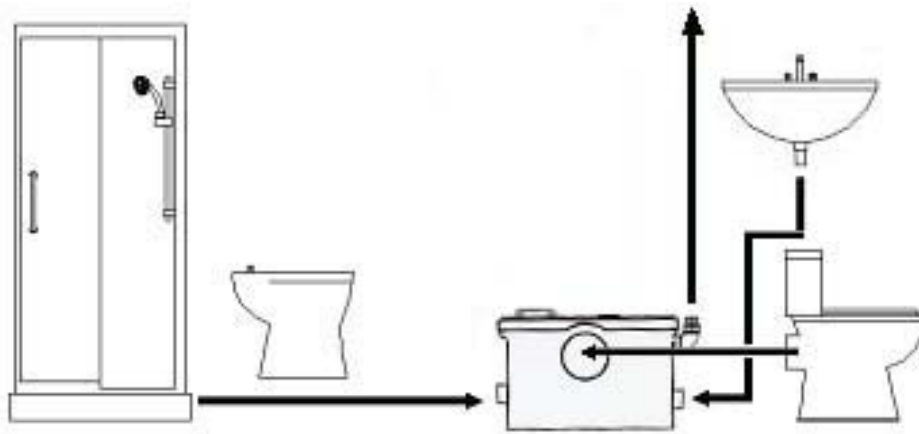
### THE SET INCLUDES:

- SANIBO pump 1 pcs.
- „C” Clamping rings 3 szt.
- „F” Plugs to stop up unused inlets 40mm 2 pcs.
- „B” rubber muff to front inlet Ø40mm 2 szt.
- „A” Installation elbow outlet Ø28mm, Ø32mm 1 szt.
- „D” fixing the pump to the floor with „E” mounting screws 2 szt.
- manual with warranty card 1 szt.



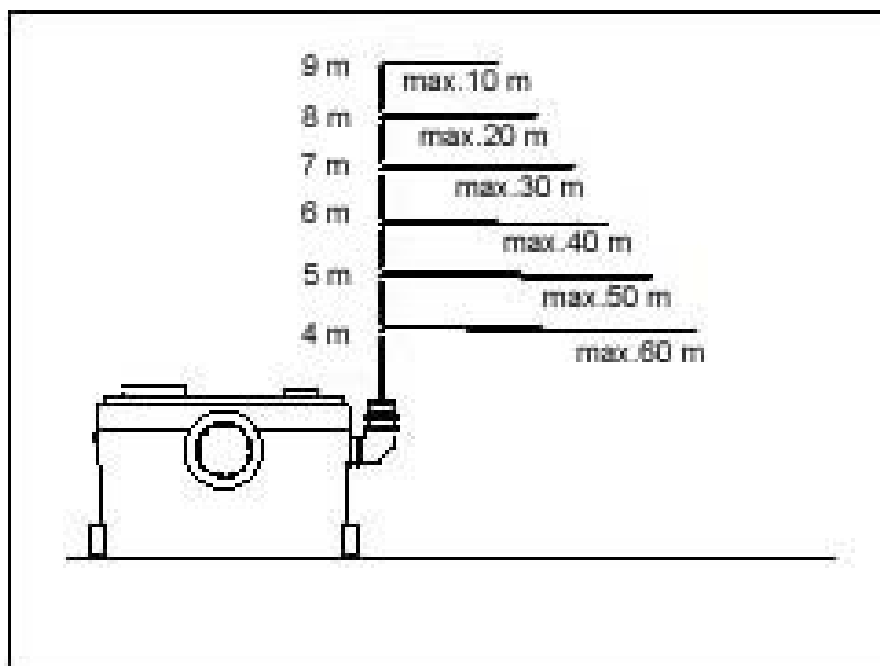
## APPLICATION:

SANIBO type pumps are designed for pumping the water with organic sewage (waste matter + toilet tissue) from flush toilets and dirty water from washbasins, baths, showers, washing machines, dishwashers.



The pump can be used only in private households. The pump is not designed to use it in public places. The pump is not designed for industrial use. It is not supposed to be used in manufacturing places including catering.

The device can pump sewages at the height of 9 metres and distance no longer than 60 metres in horizontal position (every elbow and valve needs to be count as 1m pumping height). You should behave declines installation of 0.5-1% in the horizontal sections. With an increase in the amount of discharge, the maximum distance discharge is reduced in level. See diagram.





The pump is designed for pumping water without any components which might block the device's impeller.



Pumping the water containing the objects like: sanitary towels, tampons, condoms, pieces of clothes, wooden, plastic, metal objects, food products will lead to blocking the device and in consequence to the damage. In this case the customer will have to cover the cost of the repair.



The pump is not designed to pump the caustic, flammable, damaging, explosive substances (e.g. petrol, nitro, crude oil), salty water. Damages caused by pumping this kind of fluids are not covered by the guarantee.



The pump is not suitable to pump the water containing too much mineral components causing building up lime scale on pumping elements. The pump is not suitable for pumping water containing abrasive impurities like sand, building dust. Using the pump in these circumstances will cause early installation wear. In this case the customer will have to cover the cost of the repair.



The device cannot pump water containing oils and crude-based substances. Pump work in this kind of water will damage rubber elements e.g. cable or seal and in consequence will lead to the unseal of pump and engine damage. In this case customer will have to cover the cost of repair.

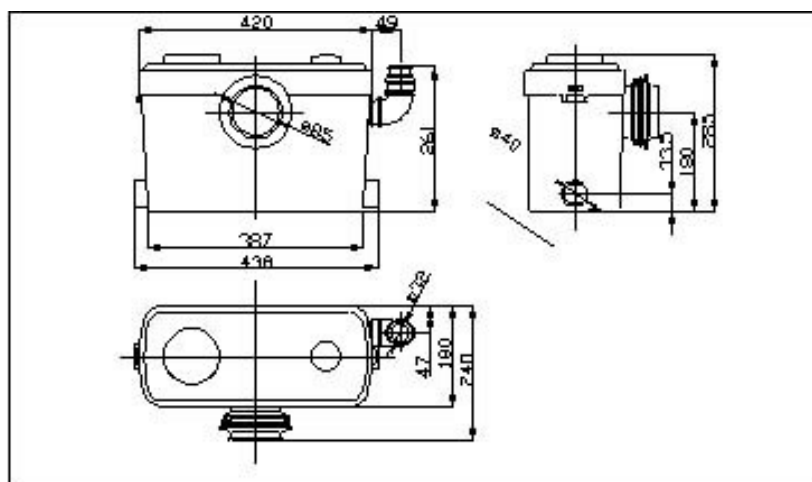


Pumping water cannot contain fibrous impurities such as ropes or strings.

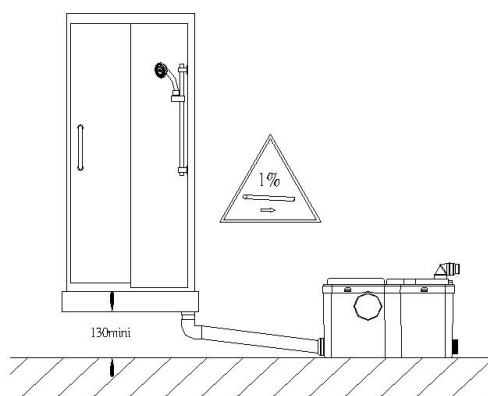
### **PUMP INSTALLATION:**

Draining off points must be after closing the water completely tight. Leaking tap or flush will be causing self-start of the appliance. All connections of incoming and outgoing pipes must be tight. Remember, that leaks might cause watering the engine from outside and damage it. In the supplied set there are plastic plugs to stop up unused inlets. The device is equipped with an additional non-return

valve. The user should install the main discharge valve. The valve can be purchased at specialty stores with hydraulic articles. The pump without the installed valve will keep turning on. The delivery pipe cannot be at the same level as waste trap. The pipe at its horizontal segment must be located with a 1% drop (1cm difference of height on 1m length of the pipe). Delivery pipe should be fitted to the wall connection clips in the way not to transfer the weight on the pump. The height of the flush toilet's outlet must be between 150-190 mm. The height of rubber sealing collar connected to the toilet pan can be changed by rotating the collar around its own axis.



Shower pan should be connected in the way that its outflow is minimum 130mm above the floor level. The pump should be connected to the floor with the fittings provided.



### **PUMP OPERATING:**

The pump works automatically. After filling up the pump chamber with 6 litres of sewage the device will turn on automatically. After pumping out the device will also turn off automatically. The work cycle last around 8 seconds. Thanks to the independent switch, pump can be emptied any time.

## ELECTRICAL INSTALATION:

The pump needs a grounded power supply 230V/50Hz.



The pump plug must be plugged in to the grounded socket. The manufacturer and guarantor do take any responsibility for the damage done to people or things caused by the lack of the proper grounding. The yellow and green conductor of the connection cord is grounding..



The power network supplying the pump should have protection switch e.g. M611 protecting the engine from overloading. To work properly the protective switch should be set up to the maximum power winding which is 3A. The pump can work without the protection but in case of damage caused by overloading the cost of repair has to be covered by the customer..



Electric installation supplying the pump must have differential electric switch with rated current not higher than 30 mA. The manufacturer and guarantor are not taking any responsibility for the damage done to people or things caused by supplying the pump without proper differential electric switch.

In case of damaging feeding cable isolation it is forbidden to use the pump. In this situation the customer needs to ask guarantor for replacement. Mechanical damages are not covered by the guarantee..



The pump must not be used when the voltage falls under 210V. Using the pump in these circumstances will cause overloading the engine and will damage it. In this case the customer will have to cover the cost of repair..

## TECHNICAL DATA:

Max. efficiency:	150 l/min,
Max. pumping height:	9,5 m
Motor power:	600 W
Capacitor:	16 $\mu$ F/450V

## MAINTENANCE:

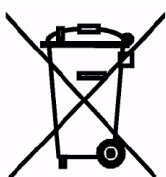


Before any maintaining work disconnect electric pump feeding from the network. The pump is not supposed to be washed with running water. The damp clothed can be used for cleaning.

In case the pump rotor gets blocked up with impurities it is user's duty to clean the rotor chamber. If the guarantee is still valid, user can make an attempt of unblocking the rotor by disconnecting the flush toilet and trying to remove through the inlet all accessible object blocking the rotor from

the chamber. If the object got deeper into the pump, blocked the rotor and it is not possible to remove it through the inlet the unblocking can be done only by authorised service if the guarantee is valid. To send the device to the service all incoming and outgoing pipes must be disconnected, all sewage should be removed from the device, pack the device carefully, secure it to prevent mechanical damage during the transport. The device can be sent directly to the guarantor or can be brought to the shop where it was bought and asked for sending the device to the guarantor.

## **DISPOSAL:**



### **Waste Electrical and Electronic Equipment Directive**

If at any time in the future you need to dispose of this product, please note that waste electrical products should not be disposed of with house hold waste. Please take it to the recycling centre. The customer has the right to bring back the used equipment to the electric equipment distribution centre, for free and directly, if the returned device is the right type and has the same functions as the newly bought one.

## **EC DECLARATION OF CONFORMITY (Module A):**

PHU DAMBAT address: Gawartowa Wola 38, 05-085 KAMPINOS

Under the Act of 30 August 2002 on the conformity system (Journal of Laws of 2004, No. 204 item 2087) we declare with full responsibility that pumps SANIBO to which this declaration refers to are consistent with the following guidelines of the Council on legal regulations unification in member states of EC:

- 1) MD 2006/42/EC (applied standards EN 292-1:1991, EN 292-2:1991/A1: 1995, PN- EN 809:1999/AC: 2004)
- 2) EMC 2004/108/EC (applied standards PN-EN 55014-1:2004, PN-EN 61000-3-2:2004)
- 3) LVD 2006/95/EC (applied standards PN-EN 60335-1:2004+A1:2005+A2:2008+ A12: 2008, PN-EN 60335-2-41:2005)

Adam Jastrzębski  
17.06.2009