

Instruction manual

Waste water filtration unit

AS 300 S



Manufacturer: deconta GmbH
Im Geer 20, D - 46419 Isselburg

Description / Type-No.: Waste water filtration unit / **AS 300 S** / 328a

Serial-No.:

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1 Introduction

Dear customer,

Thank you for choosing a **deconta** product!

With this device you obtain a practical solution with simple operation, which was completed in a compact and functional way.

The **deconta** products guarantee:

- Stability, durability and serviceability on site
- Technology with a difference
- Appealing design
- Control with technical refinements

We would like to point out that all warranty claims expire at non-compliance with this instruction manual.

The copyright of this instruction manual remains with **deconta**. This manual is intended for assembly, operation and maintenance personnel. It contains instructions and drafts of technical nature which may neither be distributed nor used in any unauthorised way for competitive purposes or passed on to others.

2 Basic safety advice

As an operator, you are obliged by **deconta** to follow the instruction manual and to use this engineered technology equipment only in accordance with the regulations and its suitability! In the event of non-observance, **deconta** assumes no liability.

The handling of the appliance technology is only allowed for instructed staff, because you have to consider the contaminated materials and devices as dangerous goods. The exact knowledge of the guide book is an important condition for your staff before handling the machine.

Necessary repairs, maintenance and cleaning, in particular in the field of electrical equipment should be performed by qualified staff or if necessary by the express service **deconta** in order to guarantee and keep the function and safety.

The safety and protective equipment has to be treated with care and the indicated safety advice has to be kept in a readable state.

The installation and the operation of the device may only be executed according to the instruction manual or after consultation with **deconta**.

In order not to restrict safety, any changes on the machine are prohibited. Change requests can only be made with the agreement of **deconta**.

Supplementary to this instruction manual, the standard, legal and remaining binding rules concerning the accident prevention and the protection of the environment have to be observed.

3 Transport and storage

3.1 Delivery

The Waste water filtration unit is delivered ex work deconta on a pallet wrapped in foil. Transport damages have to be documented immediately upon delivery by the carrier or another supplier. Please note the possible damages additionally on the way bill.

3.2 Transport

It is important to avoid exposure to violent shocks, otherwise the function and safety of the unit cannot be guaranteed. In winter and at risk of frost, the whole unit (waste water pump and filter housing) needs to be emptied before transport.

3.3 Storage

In order to avoid damages, the installation has to be kept in a dry area with no access for unauthorized persons.

Because of risk of frost in winter it is important to observe the following:

- Drain the water pipes and empty filter housings
- Drain the water pump through the drain screw
- Place the water treatment system in a frost-protected area

4 Scope of delivery

If no other agreements have been made, the scope of delivery of the waste water filtration unit consists of:

- Waste water filtration unit
- Instruction manual

Return delivery after termination of rental period

We have to insist on following conditions for the return delivery in order to protect our clients and in accordance with the rules for hazardous materials transportation:

- As listed above
- Well cleaned (ready for use)
- Without binder remains
- Without damages
- Without filter

5 Technical description

The Waste water filtration unit AS 300 S is a 3-stage filtering unit, designed to clean heavily soiled and contaminated Waste water. The Waste water is lead via a bag filter 200 μ in a settling tank (Volume approx. 400 Liter) and from there drained through a stainless steel housing with integrated 5 μ bag filter.

The draining of the settling tank starts automatically when the maximum fill level is reached and stops when the minimal fill level is reached (controlled via a float switch).

In case of danger of overflow of the settling tank, there is an acoustic signal.

The state of the filter is controlled by a manometer.

The entire unit is located in a powder-coated steel iron housing with standard Geka-connections.

6 Technical data

- 3-stage filtering unit with housing
- On 2 castor wheels and 2 fixed wheels
- Filter control
- Stainless steel bag filter housing, Connection 1 ½"
- Sewage pump 100 l / min, self-priming, safe to run dry
- Safety switch
- Sewage pump automatic or manual
- Settling tank 400 Liter
- Settling tank with fill level control
- Acoustic signal at overflow
- Power supply: 230 V
- Pump capacity: 100 l/min
- Dimensions (L x W x H): 700 x 1050 x 1200 mm
- Weight: approx. 54 kg

Technical changes reserved

7 Initial operation



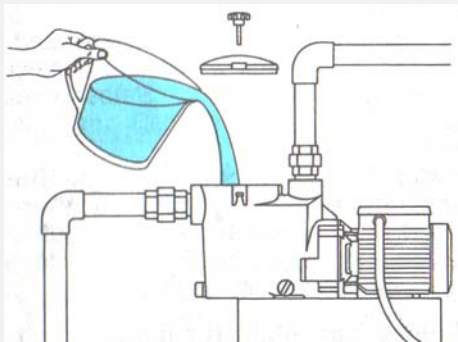
Switch
Manual/Auto



Connection
Dirty water

Attention

The pump may not be operated without water.

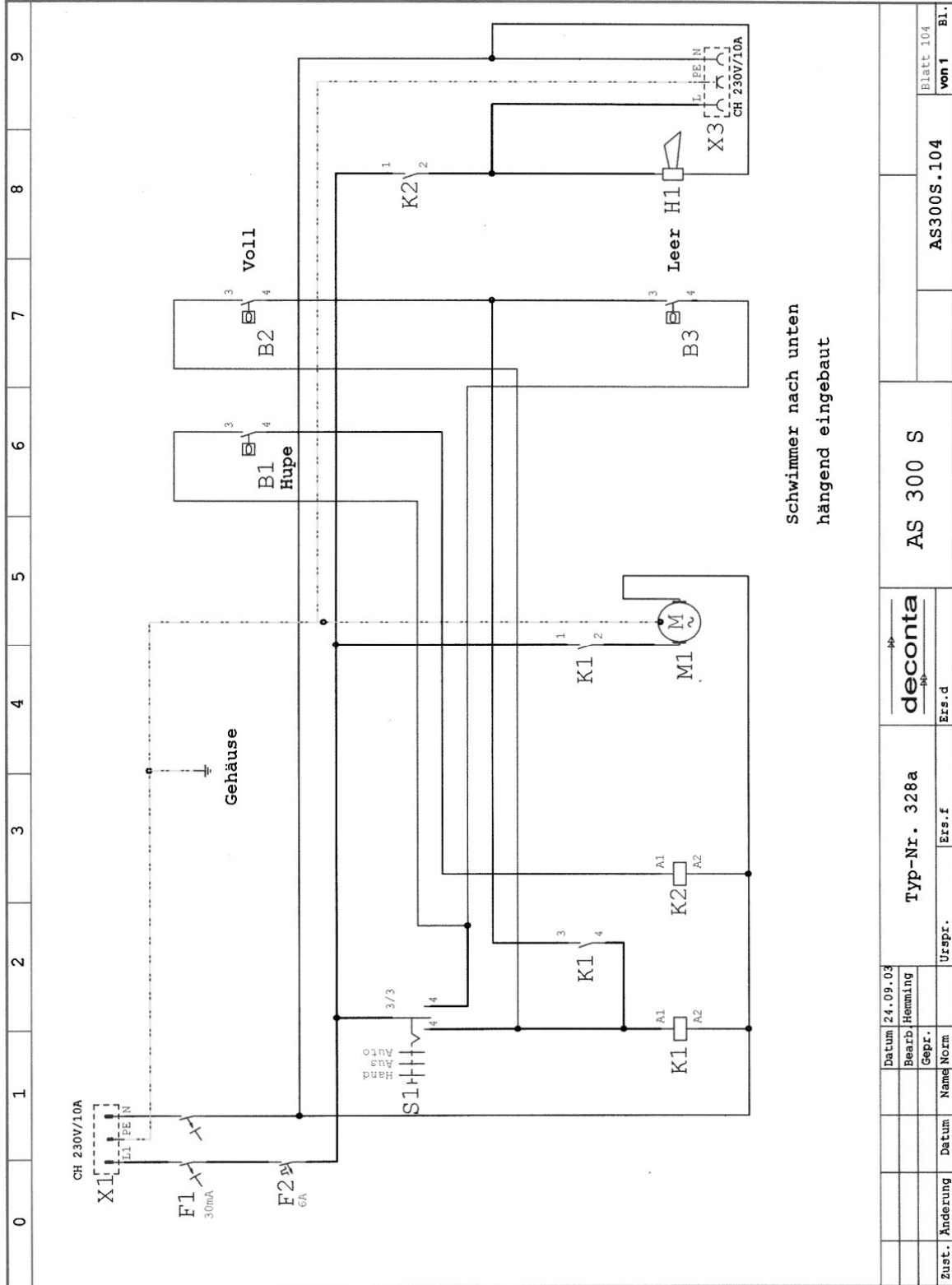


Before the initial operation of the waste water pump or after a long period of stagnation, check that the shaft rotates freely when turned by hand. To this put a screwdriver in the notch of the shaft end on the fan side and move the shaft. In winter the unit may only be operated in a frost-protected area.


- Fill waste water pump fully through vent connection
- Connect waste water hose
- Make connection between „Sewage“ and Sewer
- Establish power supply 230V
- Fill 1/3 of settling tank with water
- Switch on unit (Position „MAN“ at selector switch) and check, if water is pumped out of settling tank
- Turn selector switch to „Auto“

The unit is now ready for operation.

8 Circuit diagram



9 EU-Declaration of conformity

EU-Declaration of conformity	
deconta GmbH Im Geer 20 D-46419 Isselburg	
Product: Waste water filtration unit	Type: 328a
The design of the unit complies with the following directives:	EU- Machine directive 2006/42/EG EU- Low voltage directive 2006/95/EG
Applied harmonised standards:	EN 292, EN 60335-1
Applied national standards:	DIN VDE 0701, DIN VDE 0702
 A.Evers, Management Development	Isselburg, 11.06.2008