

HAMANN AG



High Quality Sewage Treatment Plants

certified according to
MEPC.159.(55)



SUPER MINI PLUS

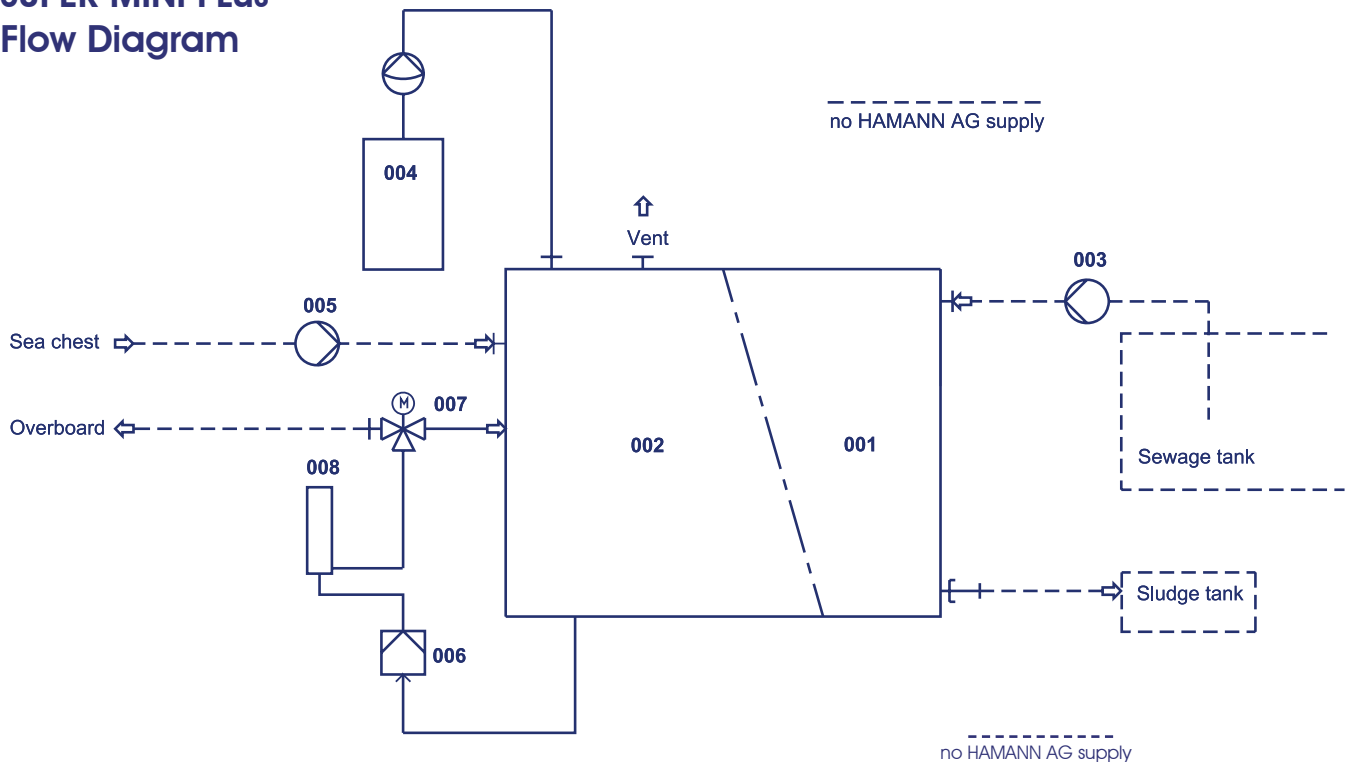
This plant treats waste water
produced by up to 15 persons

- ▶ Extremely small, compact and very low in weight (LWH: 920 x 530 x 730 mm, 73 kg)
- ▶ Tolerates salinity changes and hard detergent
- ▶ Simple plug & play installation and start-up

Exceptionally simple & fully automatic system
No sieves, no odour, no clogging



SUPER MINI Plus Flow Diagram



Scope of supply

- | | |
|-----------------------------------|------------------------------|
| 001 SEDIMENTATION TANK 30L | 005 PROCESS WATER PUMP |
| 002 REACTION & DISCHARGE TANK 65L | 006 MACERATOR PUMP |
| 003 TRANSFER PUMP | 007 MOTOR DRIVEN 3-WAY VALVE |
| 004 CHLORINE DOSING | 008 WHIRLCONTAINER |

How it works:

While sewage is being collected in a holding tank, it will be transferred with a transfer pump at regular intervals and specific volumes to the Super Mini Plus treatment plant. When the specific transfer volume has been completed, the plant will start automatically. Once the process cycle is finished, the treated contents will be discharged overboard and the plant will go into standby, ready to receive the next transfer. During the reaction cycle, a dosing pump adds a very small amount of chlorine to disinfect. A sea water pump brings in oxygen rich sea water to assist in oxidation. The macerator pump circulates the mixture and cuts solids into very small pieces. Through the high turbu-

lence, together with air and chlorine, the sewage will be oxidized and disinfected. After approximately 6 minutes the motor driven ball valve will turn to allow the tank contents to be discharged overboard.

HAMANN AG

is a DIN ISO 9001 approved family owned company and the HAMANN SUPER MINI PLUS sewage treatment plant is compliant and certified with the IMO guidelines MEPC.159(55) Annex IV of Marpol 73/78 and USCG Type II.

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