

# HOTTY POTTY



USER GUIDE FOR MINI SELF-CONTAINED TOILET

BRAND: HOTTY POTTY

MODEL: OPTIMUM

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# 1- UTILIZATION GUIDELINES

- The mini self-contained toilet 0506-SA is a unit composed of 1 toilet, 1 urinal and 1 sink.
- The unit allows for the same comfort as a standard installation in a sound, hygienic environment with a temperature control feature, whatever the season.
- The low water output components and automatic faucets allow for freedom of use while being environmentally sound.
- The waste water tank being located under the unit, the drainage is done by gravity.
- The water in the storage tank must be drinking water. However, when stocked in the tank, fresh water becomes unsuitable for drinking. Pictogram at the sink warns users of this danger.
- It is recommended to follow closely the “Start-up Procedures” section to make sure the unit works properly.

# IMPORTANT NOTICE

- **The unit must not be used if it is not electrically powered.**
- **To avoid overflows, it is important to always drain the waste water tank when filling the fresh water tank.**
- **At all times, the unit should always remain connected to a live electrical line if it must be kept in service throughout the year. Moreover, the thermostat dials should never be set lower than 10 degrees Celsius; thus preventing frost damage.**

## 2a- START-UP PROCEDURE – WINTER MODE

1. Level the unit.

1. Make sure the main power panel, all electric circuit breakers, the switch of the supply pump and the switch of the water tank are out of circuit.



2. Make electrical connection to the local network, using the big connection cable supplied with the unit. The electrical input is designed to accommodate an electrical output of 30A, 240 volt, 60 cycles.



# WINTER MODE

3. Turn on the electrical panel.



4. Put the circuit breakers of the heating unit, the heating element of the waste water tank, lighting and the supply pump on position "ON".



5. Put the speed control of the exhaust fan on position at **50% during winter time**.



# WINTER MODE

- Put the speed control of the circulation fan on position **"MAX"** in all seasons.



- Make sure that the drain valve of the fresh water tank is closed.



- Make sure the purge faucet of the fresh water supply line is closed.



- Make sure that the valve supply line is opened.



## WINTER MODE

8. Proceed by filling the fresh water tank. The filling must be done by using the outside filling connector located on the left side of the unit service door. The unit is designed with an overflow which indicates to the operator that the tank is full. Further, reading the tank level is possible within the mechanical room



9. After making sure that the fresh water tank is full, turn on the heater tank by putting the circuit breaker on position "ON" and by also putting the switch element on position "ON".



10. Place the control of the heating element of the fresh water tank at **25 degree Celsius**.



11. Your unit is ready for use.

## 2b- START-UP PROCEDURE – SUMMER MODE

1. Level the unit.
2. Make sure the main power panel, all electric circuit breakers, the switch of the supply pump and the switch of the water tank are out of circuit.



3. Make electrical connection to the local network, using the small connection cable supplied with the unit. The electrical input is designed to accommodate an electrical output of 15A, 240 volt, 60 cycles.



# SUMMER MODE

4. Turn on the electrical panel.



5. Put the circuit breakers of the heating unit, the heating element of the waste water tank, the heater tank on position "OFF" and the lighting, the supply pump on position "ON".



6. Put the speed control of the exhaust fan on position "MAX" during summer time.



# SUMMER MODE

7. Put the speed control of the circulation fan on position “MAX” in all seasons.



8. Make sure that the drain valve of the fresh water tank is closed.



9. Make sure the purge faucet of the fresh water supply line is closed.



10. Make sure that the valve supply line is opened.



## SUMMER MODE

11. Proceed by filling the fresh water tank. The filling must be done by using the outside filling connector located on the LEFT side of the unit service door. The unit is designed with an overflow which indicates to the operator that the tank is full. Further, reading the tank level is possible within the mechanical room.



12. Place the control of the heating element of the fresh water tank at **25 degree Celsius**.



13. Your unit is ready for use.

### 3- DRAINAGE OF THE WASTE WATER TANK

The access for the pumping is made available by a 4" opening located at the bottom on the right beside unit service door.

**IMPORTANT: Never do the pumping of the waste water tank by suction through the bowl.**

#### Steps for drainage :

1. Remove the trap from the opening of 4" located on the bottom right beside the service door.



2. Introduce the 3" suction line inside the tank.
3. Begin pumping
4. Visually inspect the tank drainage operation.
5. When the tank is empty, stop pumping
6. Replace and close the access trap.



## 4- FILL-UP OF THE STORAGE TANK

### Steps for the fill-up:

You have to reference to step **eight (#8)** of the “Start-up procedure” of the unit.

## 5- UNIT SHUT-DOWN AND STORAGE

**IMPORTANT:** To do the storage of the unit, it takes about 5 liters of plumbing antifreeze or 5 liters of glycol. Ensure that the product selected is adapted to the reality of climate in the region where the unit is used. Check the product formulation with the supplier.

The operation aims to replace the water in the supply lines, the bowl, the urinal and the faucet of the sink with plumbing antifreeze or glycol.

1. Make sure that the valve supply line is closed.



2. Fix a suction line (i.e. 1 meter length hose) to the purge valve of the fresh water supply line.
3. Introduce the suction line (hose) inside the container with plumbing antifreeze or glycol.
4. Open the faucet of the fresh water supply line.



5. Within the area of use of the unit, flush and maintain the pedal of the toilet in this position until you see the plumbing antifreeze or glycol coming out.



6. Let the plumbing antifreeze or glycol flow for about 10 seconds.

7. Within the area of use of the unit, maintain the urinal flush valve until you see the plumbing antifreeze or glycol coming out.



8. Let the plumbing antifreeze or glycol flow for about 10 seconds.

9. Still within the area of operation of the unit, activate and maintain in this position the sink faucet until you see the plumbing antifreeze or glycol coming out.



10. Let the plumbing antifreeze or glycol flow for about 10 seconds.

11. Pour 500ml of plumbing antifreeze or glycol in the sink to drain properly and protect the siphon.

12. Turn to position "OFF" the circuit breakers of the heating unit, the heating element of the waste water tank, the lighting and the power supply pump



13. Empty the fresh water tank by opening the 1 inch valve located at the base of the tank.



14. Turn to position "OFF" the circuit breakers of the heating unit, the heating element of the waste water tank, the lighting and the power supply pump.



15. Turn to position "OFF" the main circuit breaker.



16. Remove the power cord from the outlet connection outside.

17. Proceed to empty the waste water tank by referring to the procedure DRAINAGE OF THE WASTE WATER TANK.

## 6- CLEANING AND MAINTENANCE

Ordinary household cleaning products may be used to wash the walls, floors, sinks and toilets.

Periodically make a visual inspection of the installation. Moving it may cause the plumbing joints to loosen up. Periodical tightening of those joints may prove necessary.

It is also important that the tank and connections be checked for possible leaks while following the fill-up and drainage procedures. Any leak should be immediately corrected by tightening or repairing the connection to avoid damage to the unit.

## 7- LIFTING OF THE UNIT

The unit is equipped with four lifting hooks to allow use in areas inaccessible to ground.

In addition, the structure of the unit was designed to be moved with the waste water tank full.

**The lifting operation should be performed by qualified professionals.**

**During the lifting operation, the load distribution must be ensured and the chains or cables or slings must not form an angle less than 45° relative to the horizontal.**