

UK Installation instructions buffertank

Supply of the RM buffer tank is inclusive a three way valve (model 804), and inclusive a connection set to connect the tank to the three way valve. Also supplied is a "bowl stop". A bowl stop is a tool to be placed in the toilet bowl, when the buffer tank has to be emptied in open water by the toilet pump. The diagram below shows the working principle and how the waste tank is connected to the toilet.

Before installation close all seacocks.

Remove the outlet hose on the toilet and remove also the outlet elbow on the toilet pump. Install the three-way valve on the toilet pump. Do not tighten the screws too firmly to prevent deformation of the plastic material and also take care that the freshwater line is not jammed between pump and valve.

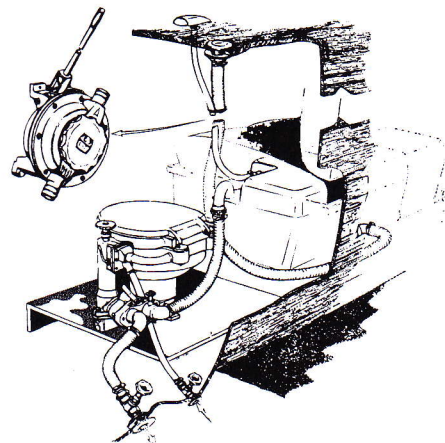
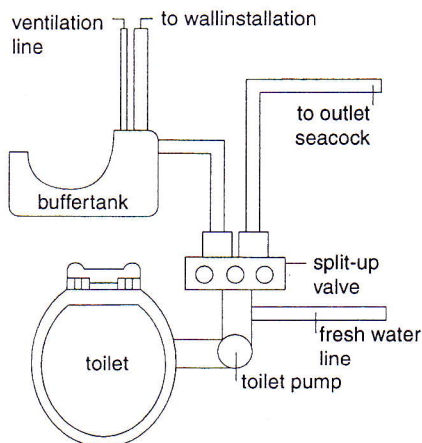
Install the outlet hose now on the right elbow of the three-way valve (front view).

Install the buffertank at the front side of the toilet and fix the tank in place with the clamp supplied with the tank.

Install now the connection between valve and tank. Mount the 1 1/2" fitting on the topside of the tank and connect one side of the hose to the elbow on the left side of the valve, the other side on the top fitting of the buffertank.

Install the 3/4" ventilation fitting on the top of the tank and connect a hose leading to a suitable place in the upper deck. It is to be advised to place an in line "bad smell" filter in this ventilation line to prevent bad odours above deck. Connect a 3/4" ventilation fitting (shell fitting or similar) to that hose and mount that in the upper deck.

To finish installation it is possible to install a 1 1/2" hose between the fitting on the bottom side of the tank and a 1 1/2" deck fill fitting (not supplied), placed in the upper deck. Through this hose the buffertank can be emptied by means of a hand- or electric pump installed in this 1 1/2" line or by a docking (pump-out) station.



UK OPERATION of a hand toilet in combination with a buffertank

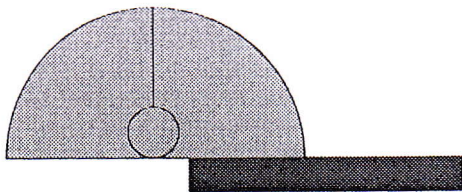
Operation of a RM buffertank in combination with a hand toilet is equal to the operation of a hand toilet without buffertank. However, after use of the toilet, but before pumping, a choice has to be made where to direct the waste. This choice can be made by putting the handle on the three way valve (mounted on the toilet pump) in the right position.

The three way valve has the following positions:

OUT - in the "out" position the waste will be pumped, through the outlet seacock, in open water. The handle on the valve is turned right and the knob of the red switch is placed with the flat side to front.

TANK - in the "tank" position the waste will be pumped into the waste tank. The handle on the valve is turned left and the knob of the red switch is placed with the flat side to front.

EMPTY - In the "empty" position the waste, gathered in the waste tank, can be pumped out to open water. The handle on the valve is put in the middle and the knob of the red switch is placed with the round side to front. The "bowl stop" have to be placed in the bowl as well.

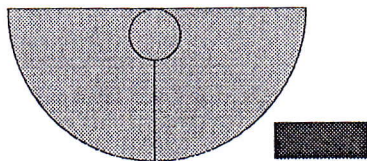
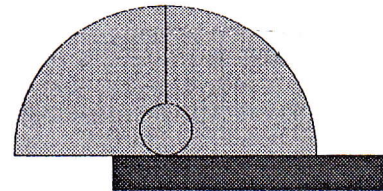


OUT

- Discharge in open water.
- Handle turned right.
- Red switch with flat side to front.

TANK

- Discharge to waste tank.
- Handle turned left.
- Red switch with flat side to front.



EMPTY

- discharge from waste tank to open water.
- Handle in the middle.
- Red switch with round side to front.
- Bowl stop to be placed in bowl.