

Rota-Spray Wash Water Booster Base Unit

Mega Part No. 500-030

INTRODUCTION

This unit has been developed a cost effective solution to providing adequate water supply to the Spray Wash Section.

It can ONLY be used with a Rota-Spray or Rota-Spray Plus Processor unit. It also provides a solution to back syphonage, if this is an issue.

Mains water fed into the tank via a ball cock valve which is set to provide the 25mm air gap that is ultimately maintained by a weir no less than 300mm in length, as required in the Bylaws. A pump fitted in the unit powered from the Rota-Spray feeds water to the washing section when switched on at the control panel.

Services

1. Water supply via 3/4" BSP isolation valve for washing machine type hose.
2. Provision for water overflow via 19mm connection.
3. Mains electrical connection is via the Rota-Spray. (The Rota-Spray requires mains electrical connection via 13amp plug, the supply must have RCD protection).
4. Waste water drainage from the Rota-Spray connection via Ø40mm compression elbow fitting.

Installation

1. Select a location that is flat and level with all the necessary services.
2. Connect washing machine hose to 'Water Inlet' on the base unit [fig.1](#) and the other end to the supply [fig. 2](#).
3. Open the supply valve and allow the unit to fill with water. The ball float valve has been set at the factory so that the level of the water does not exceed the 'Maximum Water Level' line [fig.3](#).

During transportation the unit may have been subjected to some upset and it may be necessary to make some adjustment to the ball float valve to bring the water to the correct level.

Use a suitable spanner to unlock the ball float [fig.4](#) and reposition it to the required position on the shaft, relock in place.

4. Connect overflow [fig.5](#) this is important in the case of a ball float valve failure. This should be tested on installation and periodically to make sure that the overflow system is capable functioning adequately in the event of such a failure. Test this by push the ball float downwards opening the valve and water to overflow the unit so that it flows out via the overflow, hold the float down for a while to assess the effectiveness of the overflow system, long pipe runs and blockages will cause problem and will need to be rectified.

Warning: Hold the ball float firmly when carrying out this test **DO NOT** allow it to fly upwards sharply as damage to the valve will occur.

5. Replace the lid [fig. 6](#) and place the Rota-Spry unit on the base.

6. Connect the waste to drain [fig.7](#).



7. Connect the water feed (using the hose supplied) from the unit to the Rota-Spray inlet *fig.8A & B*.



8. The power inlet to the pump *fig.9*



Then plug into the Rota-Spray *fig.10*.



9. Test the functionality of the whole wash system by operating the switch on the Rota-Spray. Check of any leaks and rectify any faults.

10. Do not forget to remove the protective film from the plastic surfaces.



Important

Do not obstruct the slot at the back *fig.11* of the unit as this will be in breach of the Water Bylaws.



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