



**PUMP TECHNICAL
SERVICES LIMITED**

THE
SUBMERSIBLE
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MANUFACTURING, SALES, PROJECT DESIGN, INSTALLATION, MAINTENANCE AND REPAIRS

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MAINTENANCE FOR A SUMO WASTE WATER PACKAGED SYSTEM

MAINTENANCE SHOULD ONLY BE CARRIED OUT BY FULLY QUALIFIED PERSONNEL, ENSURE ELECTRICAL SUPPLY IS ISOLATED BEFORE WORKS ARE UNDERTAKEN

It is recommended that after installation the Sumo waste water system is inspected regularly and the pump inspected and serviced at least every 6 months (depending on application). All inspections are to be carried out by qualified personnel, in accordance with all current electrical and safety regulations. Simple maintenance would involve checking the following:

1. Before starting any work on the tank, isolate the system from the electrical supply and if possible isolate the incoming waste to the tank.
2. When working on the Sumo system, be careful not to disturb the inlet/outlet pipework and vent pipe.
3. Check the integrity of the Sumo tank and that the seal fitted to the lid is undamaged and sound. Replace seal if necessary. The lid is secured via four screws one in each corner. Remove screws (retain for refitting) and gently remove lid to gain access to tank.
4. Check for any debris, foreign objects or other impassable solid material within the tank, which could damage or block the pump or pipework, including the integrity of all pipework and valves, both within and connected to the tank, making sure the inlet is clear and free from obstructions
5. If the tank has a charcoal filter fitted to the lid, this will need to be replaced every six months. To order replacement filters please quote reference PTS charcoal filter (P750) to a member of our Technical Sales Department.
6. If the wastewater emptied into the Sumo tank is fatty, maintaining a regular and thorough cleaning regime to prevent fat build up within the system is **VITAL**. Fat build up within the tank is a major cause of smells and can lead to incorrect float operation and reduced pumping performance, as well as premature failure of the system. Only degrease the system with recommended products, such as PTS D-Stroy, as some products could adversely affect or damage the pump, pipework or tank. To order please quote reference PTS D-Story (P702) to a member of our Technical Sales Department.
7. Check the pump is still sited correctly within the tank, that the float switch is free to move through its full range, and the cable is not loose within the tank.
8. The pump should only be inspected and maintained by qualified pump engineers, in full accordance with the instructions for the relevant pump type fitted and all current safety regulations.
9. If an alarm is fitted to the lid of the Sumo system, ensure that the alarm is free from obstructions and test the alarm (power to the alarm will need to be on for testing unless the alarm is fitted with the optional back up battery system) to ensure correct operation. See separate instructions relating to alarm for alarm details.
10. When refitting the lid, ensure seal is seated correctly, and that all four screws are fully tightened

**IF YOU WISH TO PLACE AN ORDER, OR HAVE ANY ADDITIONAL QUESTIONS,
PLEASE CONTACT OUR SALES DEPARTMENT**