



Wash Kit Instructions – IMPORTANT, PLEASE READ!!!

Your new Vindum Pump includes a wash kit for use with fluids containing dissolved salts, like brines. For your safety and to ensure long performance life of the equipment, please follow these instructions:

1. **SAFETY:** Do not pump heated fluids that are above 100°C (212°F)! Above these temperatures, the circulating water of the wash kit could flash to steam and cause personal injury and/or damage to the equipment.
2. **Wash Kit Fluid:**
 - Use distilled water with the wash kit, not tap water.
 - We recommend using 5 liters (5.3 US quarts) of fluid with the kit
 - Replace the wash fluid weekly
3. **Inspect Wash Kit Regularly:** The wash kit uses a low-pressure USB pump. Periodically inspect the pump's flow rate to ensure that the flow path through the wash kit is not partially blocked by build-up from residue on the pistons. Small amounts of oil on the pump piston can mix with water to create an emulsion inside the wash kit. If you notice diminished flow of distilled water from the wash kit, remove the fluid-in and fluid-out fittings and inspect for any blockage of the wash ports. Use a small wood or plastic stick to help dislodge any buildup inside the wash kit flow path. Using distilled water can help prevent this kind of buildup.
4. **Clean After Use:** Wash the pump cylinders with distilled water after use (before storing the pump). The VPware "Auto-Prime" Sequence is helpful for rinsing the cylinders.
5. **Inspect Pump for Leaks:** Inspect the pump regularly for any signs of leaked fluids. Salt buildup on the pump is a clear sign of a slow leak. Check the piston holder (bottom of pistons), seals (including transducer seals), and valves (center port, between the air ports on the valves). Repair any leaks immediately to prevent further damage to the pump.
6. **Wash Kit Installation & Removal:** Watch the Vindum instructional video for installation & removal of the wash kit.
7. Refer to the Vindum Pump User Guide for useful information about pumping brines (Section 9.1 of User Guide v2.2). Contact Vindum Engineering if you need access to the latest Pump User Guide.

Thanks for purchasing the wash kit. Contact us if you have any questions about the wash kit or your Vindum Pump (support@vindum.com).