

CWP Chemical Pump Uptake System

The chemical pump system, which uses Minncare^{®i} Cold Sterilant for RO system disinfecting, was occasionally experiencing random self-priming problems. This was primarily attributed to off-gassing causing an air lock in the pump head.

Starting with **CWP RO serial number 1299919**, a new chemical pump system has been implemented into production.

Auto purging vent line allows gasses to return to the Minncare bottle

New ergonomic integrated fluid and electrical connectors (now available for retro-fit, see page 2)



Chemical pick up tube with auto purge return line designed to fit tightly in Minncare bottle

As a result, a new spare part is now available for previous serial number CWP's using the **Chemical Pump Upgrade Kit P/N - 3027986**. This kit includes a new auto purge pump head and chemical pick up tube along with detailed instructions on how to install.

Refer to Tech Note 241 (P/N 3028763) for PM kit information. Additional spare part numbers are now available for future repairs. Certain legacy parts have been discontinued due to these design changes and their recommended replacements are listed on the last page. There is no stock available of the legacy parts.

For CWP's with the older plastic chemical panel, a new SS panel with large ergonomic fittings has been developed – 3024532. The kit includes all parts and instructions necessary to replace the plastic panel.



For users with the current SS chemical panel, new spare parts are available to replace the fluid and electrical connectors in case of failure. These parts include each panel mounted flange (3029406 for DISINFECT flange; 3029407 for OPERATION flange), the hose connector from the pump to the flanges (3029405), and in case of failure of just the QD portion of the disinfect flange, a replacement cartridge is available (3029535).

REPLACEMENT PARTS

New P/N	Desc.	Replaces P/N
3027986	KIT,CWP CHEM PUMP UPGRADE	N/A
3027819	VALVE,LIP,SILICONE,PKX SERIES PUMPS	WT2510003
3027817	PUMP,DOSING,7 L/HR,2 BAR,110V~,AUTOPURGE	WTW613005002
3027818	PUMP,DOSING,PVDF HEAD ONLY W/AUTOPURGE	WTW613007001
3027837	TUBE,CHEMICAL PICK UP,PP	WTW615020001
3029405	KIT,SPARE,CHEM WAND,CWP	N/A
3029406	KIT,SPARE,CHEM FLANGE,DISINFECT,CWP	N/A
3029407	KIT,SPARE,CHEM FLANGE,OPERATE,CWP	N/A
3029535	KIT,SPARE,CHEM PORT CRTRDG ONLY,CWP	N/A
3029532	KIT,CWP SS CHEM PANEL UPGRADE	N/A

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