PPCH™ Pump Supply Filter Kit

P/N 3401429

INSTRUCTION SHEET

FLUKE® Calibration

Pump Supply Filter Kit for PPCH, P/N 3401429, includes (Pre-assembled):

DESCRIPTION	QTY	PART NO.
Pump supply filter, 15m, SS, 1/4 in. Swage	1	3138000 (102808)
Tubing, SS, 1/4 in. O.D.	4.5 cm	3232210 (100108-Z)

Introduction

The PPCH Pump Supply Filter P/N 3068879 (103727) which is used on PPCH units built prior to December 2008 is being replaced with a more conductive filter. This kit facilitates the replacement of P/N 3068879 (103727) with P/N 3138000 (102808). It includes the replacement filter and a pre-attached extension tube to compensate for the difference in filter length.

Note

Once this kit 3401429 has been installed any future pump supply filter replacements will require only the filter P/N 3138000 (102808).

Installation Instructions

To replace the inlet filter (liquid), proceed as follows:

❶ Vent the PPCH and disconnect electrical power and drive air supply.

❷ Close the reservoir **FILL/DRAIN** valve on the PPCH rear panel.

❸ Open PPCH chassis to gain access to the mechanical module (see PPCH Operation and Maintenance Manual Section 5.9 for instructions).

❹ If the PPCH is a single Q-RPT or utility sensor (no Lo Q-RPT), the filter can be accessed through the top of the PPCH chassis.

If the PPCH has a Lo Q-RPT, the PPCH must be placed on its side so that the bottom of the mechanical module is facing you.

Looking at the PPCH from the rear, place the PPCH on its RIGHT side to avoid draining fluid from the reservoir. When turning the PPCH on its side, do so carefully supporting the chassis and main body and the mechanical drawer to avoiding damaging the slide rails.

❺ Using 9/16 in. and 3/4 in. wrenches, loosen both sides of the existing pump filter 3068879 (103727) and short tube union that connects it to the pump inlet fitting. ***Note direction of existing filter!*** See **Figure 1.**

❻ Remove old filter 3068879 (103727) and tube union.

❼ Using 9/16 in. and 1 in. wrenches, install the new Filter Kit P/N 3401429. See **Figure 2.**

❽ Tighten fittings.

❾ If the PPCH has a Lo Q-RPT, set the system back to a normal position. Reconnect electrical power and drive air. Power up the PPCH.

❿ Perform pump prime procedure (see PPCH Operation and Maintenance Manual Section 5.10.1). Check filter connections for leaks.

⓫ Open reservoir **FILL/DRAIN** valve.

⓬ Close PPCH chassis (see PPCH Operation and Maintenance Manual Section 5.9).

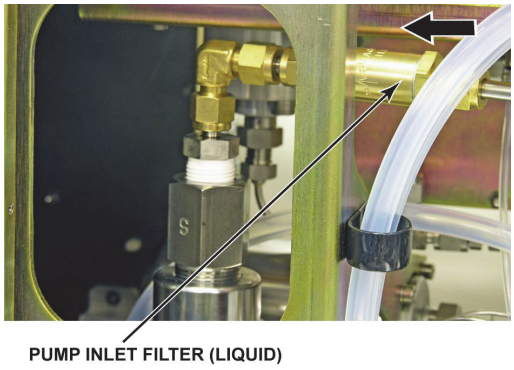

Figure 1: Previous Pump Supply Filter P/N 3068879 (103727)

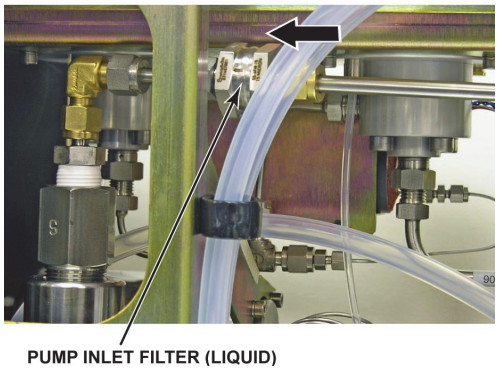

Figure 2: New Pump Supply Filter P/N 3138000 (102808)

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