

HF-Class Pumps



Quick-Start & Safety Warnings

902731 Rev E



Teledyne SSI 349 N. Science Park Road State College, PA 16803
<https://ssihplc.com> Phone: 814-234-7311 Fax: 814-238-7532

Warning Symbols and Task Specific Hazard Warnings:

The following warning symbols are present to alert you to risks that can arise when you install, operate or maintain the HF Class pumps. Such risks include chemical exposure, electric shocks, and others.

When the following symbols appear in the manual, as well as words such as “**CAUTION, NOTE, or WARNING,**” their accompanying text identifies the specific risks and explains how to avoid them. Teledyne SSI assumes no liability for the misuse of the information described in this manual in regards to installation, repair, or operation of the HF-Class pump and its components.

SAFETY SYMBOLS



CAUTION – HIGH VOLTAGE



CAUTION – REFER TO MANUAL



EARTH GROUND

SYMBOLES DE SÉCURITÉ



ATTENTION – HAUTE TENSION



ATTENTION – SE REPORTER AU MANUEL



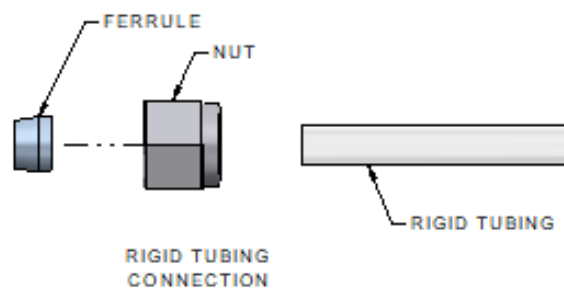
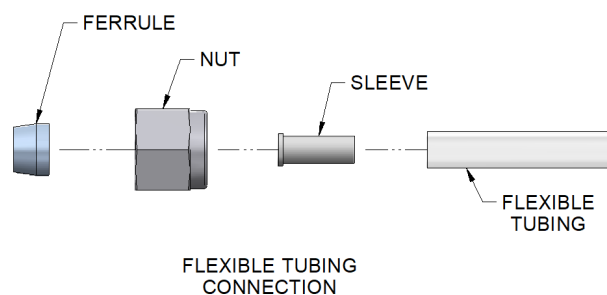
TERRE



TUBING CONNECTIONS

Pump

Connect inlet tubing to the inlet manifold.



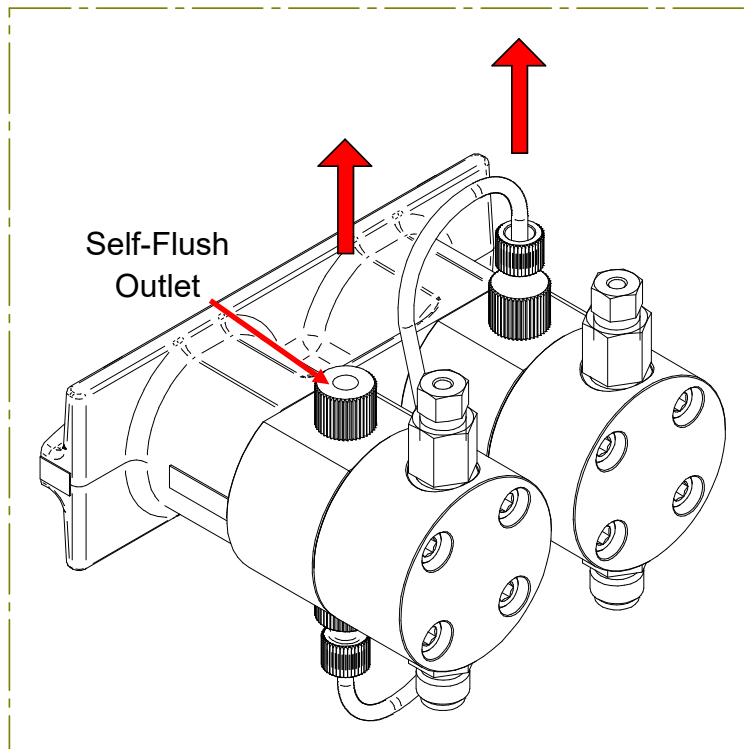
- Turn pump power switch on.
- Attach syringe to Prime / Purge valve.
- Open Prime / Purge valve by turning knob counterclockwise two turns.
- Draw syringe back to prime
- Start the pump at 50 mL, continue to draw on syringe until no bubbles are seen.
- Close Prime / Purge valve.
- Stop the pump.

Remove syringe.



Self-flush Feature

Solutions of 250-500mL of either 100% IPA, 100% Methanol, 20% IPA/water mix, or 20% Methanol/water mix are the required choices for the flush solution. Do not use only water for the self-flush solution (e.g. DI water, tap water, filtered water), as water alone can cause abrasion of the high-pressure piston seal, as well as the self-flush seal. If there is any doubt about which self-flush solution to use, please consult the factory.



Self-Flush

- Connect self-flush solution inlet tubing to the bottom right self-flush check valve, and the outlet tubing to the top left self-flush check valve.

Note: The self-flush housings are interconnected at the factory for flow-through with a single inlet/outlet.

- Attach a syringe to the outlet self-flush tubing using the 1/4" O.D. x 1" lg. piece of Tygon tubing supplied in the tubing kit.
- Draw syringe back to prime.
- After liquid has been pulled through the tubing into the syringe, remove the syringe, and place tubing into the self-flush solvent bottle.

**Replace the Self-Flush solution weekly.*

For your operator manual please visit: [Documents, Manuals, and Downloads - Teledyne SSI](http://www.teledynessi.com/manuals) (www.teledynessi.com/manuals)

Issues may often be resolved without returning the instrument to the service center. Please call the applicable Repair Services number below prior to requesting a RMA.

Company Contact Information

Teledyne SSI

349 Science Park Road
State College, PA 16803

800-441-HPLC (4752)

Technical Support: 814-234-7311

Sales: Option 2

Technical & Service Support: Option 3