Y-Strainer
Model No.: LF-STR300FG / LF-STR300GG

Installation, Operation & Maintenance

In line with our policy of continuous product improvement LIFECO reserves the right to modify specifications without prior notice.

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APPLICATION

A strainer is a device that provides a means of mechanically removing solids from a flowing fluid or gas in a pipeline by utilizing a perforated or mesh straining element. End connection configurations are including Flange by Flange, Flange by Groove, and Groove by Groove.



INSTALLATION

Before installing the Y strainer, be sure its pressure rating is correct for the system, clean all areas of pipe thoroughly before installing strainer and leave the ends exposed to avoid introducing the sealant into the piping system.

Strainers should be installed ahead of pumps, loading valves, control valves, meters, steam traps, turbines, compressors, solenoid valves, nozzles, pressure regulators, burners, unit heaters, and other sensitive equipment.

The strainer can be installed in the horizontal or vertical down position.

OPERATION AND MAINTENANCE

After the system's initial operation, the strainer should be blown down to remove any installation debris caught in the screen. Repeat the blowdown procedure on a regular schedule after that. The frequency of blowdown depends on the operating conditions to which the strainer is subjected. If no blowdown valve is to be used, the strainer can be cleaned by removing the screen retainer and screen.

The strainer screen should be inspected one to two times per year. Recommended spare parts are one screen and three gaskets per strainer.

WARNING

1. Always isolate the strainer from the pressurized system before opening to clean.
2. Use a new gasket when reassembling the strainer.
3. Protecting from possible hazardous liquids while removing and disassembling.

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