

External flushing unit (Plan 54)

DESCRIPTION

A control unit equipped with circulating pump, designed and instrumented to circulate, pressurize and control barrier fluid to the mechanical seals. Ideal solution when process fluid is toxic, contains solid particles, or if a high flow rate at high barrier fluid pressures must be maintained during operation.



CONSTRUCTION FEATURES

- Modular design.
- Tank sizes can be changed according to operating conditions.
- Heat exchanger power, barrier fluid flow rate and pressure designed to ensure proper seal faces lubrication.
- Wide range of construction materials according to involved services type and the installation environment atmosphere.

MAIN FUNCTIONS

- No process fluid emissions to the atmosphere.
- Availability of high flow rates, for proper seal faces lubrication.
- Very commonly used in remote location, whenever days between refilling must be as much as possible.

CAUTION!

Barrier fluid pressure must be maintained at least 1.4 bar higher than the maximum stuffing box pressure. Fluiten can suggest the type of barrier fluid (see page 5-7).

