

PRESSURE POT WITH COOLING COIL

With the thermosiphon system it is possible to supply buffer/barrier fluid to double and tandem mechanical seals for a broad range of applications. The range is available with or without cooling coil. Vessels are equipped as standard with all the necessary system connections and brackets. The system allows vessels to be combined with a wide range of system components such as, level switch, circulation pump, hand refill pump, thermometer, base frame, etc.

The Pressure Pot system performs all the basic functions of a buffer/barrier system for the operation of double seals:

- to pressurise the buffer chamber
- leakage compensation
- buffer/barrier fluid is circulated by thermosiphon effect or external circulation system
- to cool the seal
- to selectively absorb product leakage and prevent dry running (tandem arrangement)

Use compressed air or nitrogen for pressurization.

Circulation in accordance with API 682 / ISO 21 049: Plan 52, Plan 53A

Pressure

Max Set Pressure: 20 bar g

Max Design Pressure: 30 bar g

Temperature

Max Temperature: 200 °C

Min Temperature: -60 °C

