

SZ8 SealCooler™ thermosiphon system



The SZ8 SealCooler™ thermosiphon system is designed to be used with double mechanical seals with pumping features.

Together they form a closed sealing liquid circulation loop, keeping the seal lubricated and cooled and preventing the seal from running dry, extending the life of the seal.

SZ8 SealCooler™ thermosiphon system offers significant savings in seal water consumption compared to external flow-through.

The structure of the SZ8 SealCooler™ thermosiphon system is simple, robust and reliable. It is possible to select optional features to fulfill the seal flushing system requirements.

Basic scope

- Ball valve
- Hoses 3 m / 10 ft. length with fittings
- Level indicator
- Pressure gauge
- Relief valve
- Reservoir with a volume of 8 liters / 2 USg
- Support foot / base
- Temperature gauge

Available options

- ATEX approval
- Breather
- Finned air cooling
- Hand refill pump
- Leakage indicator
- Low and/or high alarm sensor
- Multiple connections and fittings
- Pressure accumulator
- Pressure reducing valve
- Pressure switch
- Pressure transmitter
- Hard piping option
- Winter package (-40°C / -40°F)

Registered community design EU 004387223-0001, Flow Control Oy TH, Finland

Product information

- Designed for pressurized and non-pressurized double seals (API 52 and 53)
 - Suitable for water, glycol-water and white oil applications
 - Process temperature max. 100°C / 210°F
 - Sealing fluid temperature -20 to 70°C / -4 up to 158°F
 - Pressure max. 10 bar / 145 psi
 - Manufactured in AISI304 stainless steel
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- > Remarkable savings on sealing liquid costs
 - > Robust and reliable construction
 - > Wide selection of optional features
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