

CPM Seal Support Reservoir

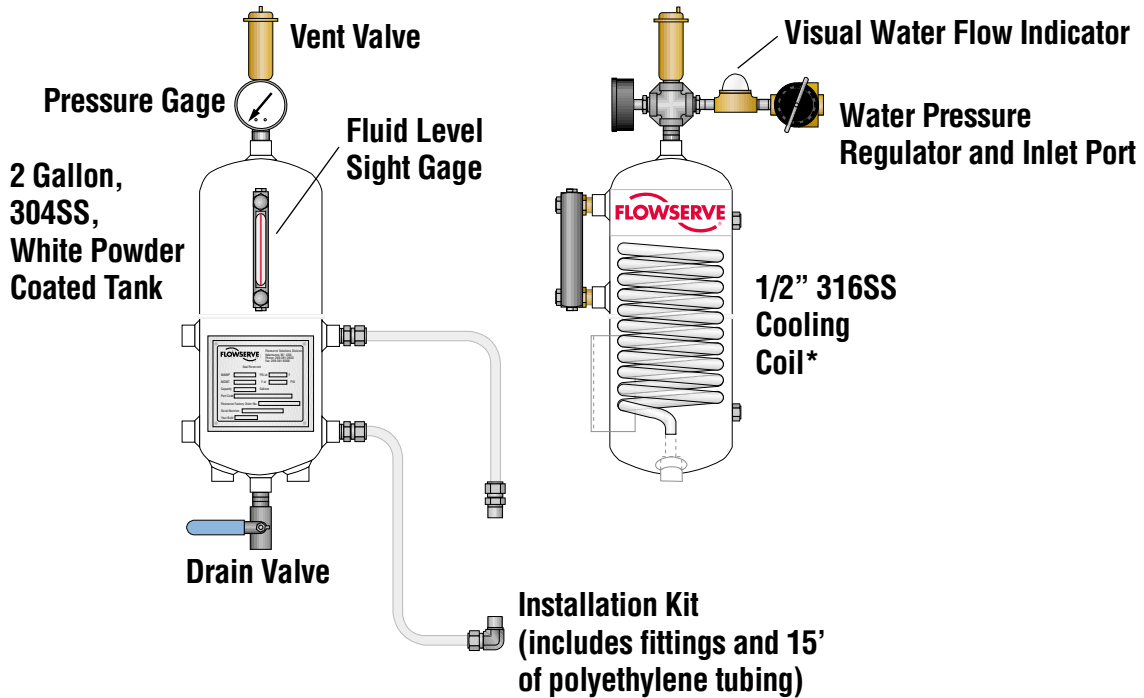
Liquid lubricated, dual pressurized and dual non-pressurized mechanical seals require clean, cool, and well-lubricated seal chamber conditions to create the optimum environment for operating mechanical seals. A properly selected supply tank system with support from an external water source insures dependability to the application. The CPM Seal Support Reservoir system is specifically designed to support seals in water-based applications while optimizing water usage as a reliable barrier fluid with minimal consumption. Flowserve offers this complete package ready for easy installation. The CPM Seal Support Reservoir is ideally suited for applications in Corn Wet Milling, Pulp and Paper, Municipal Water and Sewage, as well as a wide range of other water related markets.

Features/Benefits

- The two-gallon supply tank contains enough water to sufficiently lubricate the seal faces under normal operating conditions.
- The water regulator meters replenishment water from an external header system only when required due to seal barrier consumption.
- The Visual Water Flow Indicator easily indicates excessive seal water consumption by the rapid movement of the balls under the clear dome.
- During normal operating conditions the Visual Water Flow Indicator displays a lack of ball movement to positively indicate optimum seal continuity.
- A manually set Vent Valve automatically relieves excessive pressure in the system.
- A aluminum fluid Level Site Gage continually indicates water level in tank. If required an optional stainless steel gage is available.
- A 316SS Cooling Coil is available to control in tank water temperature by means of heating or cooling with water to maintain the optimum seal operating temperature.
- The White Powder Coated tank keeps the cleanliness aspects of the applications clear.



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* All components required for proper operation of the CPM Seal Support Reservoir. The cooling coil is optional.
 Note: The CPM Seal Support Reservoir is operational as an API Plan 52 or 53.



Split Flow Reducer



DuraClear™



Orifice



Seal Gard™

Optional Products

- API Seal Supply Tanks are available for more stringent high pressure and temperature applications
- DuraClear pure synthetic barrier fluids available for nontoxic food grade applications
- Split Flow Reducers are perfect for maintaining the optimum flush rate of a single seal
- Seal Gard™ is an adjustable flow control to optimize flush flow to optimize fluid effectiveness and efficiency
- Fixed Orifice offer a means of tamper-proof flush flow regulation

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