

Optimize mechanical seal reliability in a variety of seal support system configurations with the highly effective 682 Seal Cooler.

Seal Coolers

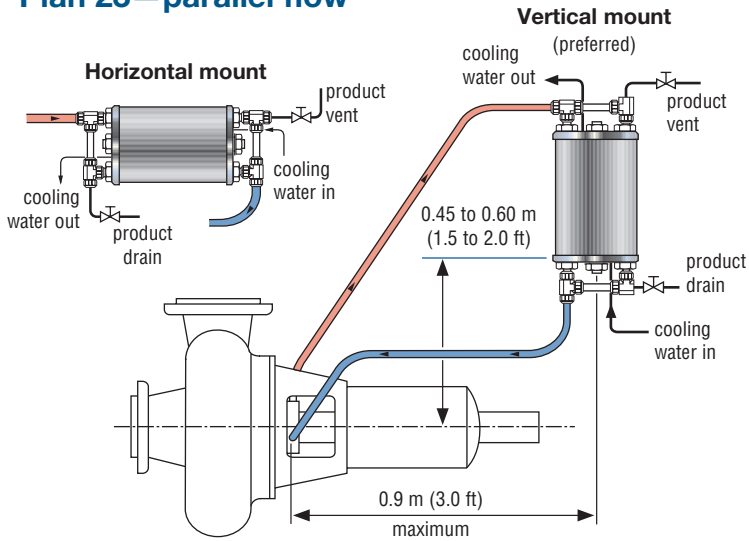
682 Seal Coolers are shell and tube systems with optimized baffling that lowers the temperature of process/barrier fluid passing through the tube while minimizing scaling and fouling of the water passing through the shell. All 682 Seal Coolers are fully compliant with industrial standards, including API 682 4th Edition, ASME Section VIII Div. 1, B31.3 and PED 2014/68/EU.

Features and benefits

- Factory configured and hydrotested for series or parallel flow
- Total drainage and venting for both coil and shell prevents vapor lock and ensures highest efficiency
- 316 stainless steel coil and shell construction exceeds API 682 specifications and provides superior corrosion resistance
- Disassembles and reassembles easily for cleaning without damaging the cooling coils



Plan 23—parallel flow



Materials of construction

O-rings	Fluoroelastomer
Tubing	316 stainless steel
Fittings	316 stainless steel
Shell and covers	316 stainless steel

Model numbers

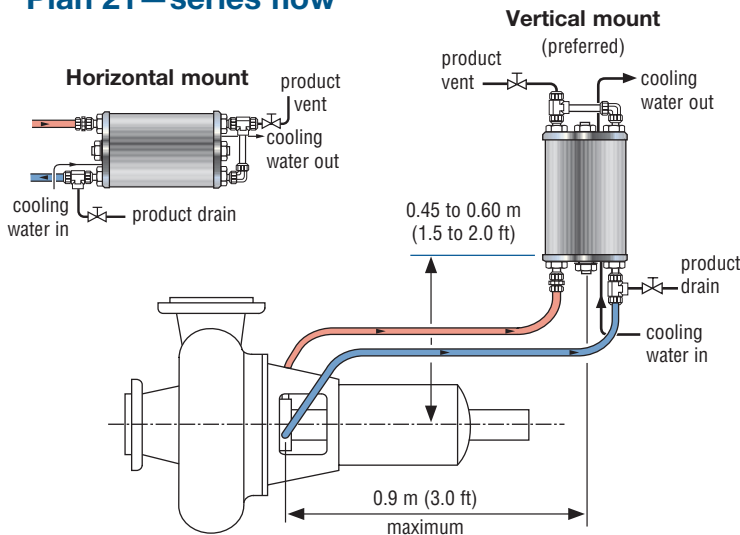
Series tube flow

- A2R21431-11 (Standard and CRN)
- A2R21431-26 (U-Stamp)
- B0355704 (PED 2014/68/EU)

Parallel tube flow

- A2R23812-16 (Standard and CRN)
- A2R23812-36 (U-Stamp)
- B0355703 (PED 2014/68/EU)

Plan 21—series flow



Operating parameters

Tube	255 bar at 370°C (3700 psi at 700°F)
Shell	17.9 bar at 150°C (260 psi at 302°F)

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Headquarters

Flowserve Corporation
5215 North O'Connor Blvd.
Suite 2300
Irving, Texas 75039-5421 USA
Telephone: +1 937 890 5839

USA and Canada

Kalamazoo, Michigan USA
Telephone: +1 269 381 2650

Europe, Middle East, Africa

Etten-Leur, The Netherlands
Telephone: +31 765 028 200

Asia Pacific

Singapore
Telephone: +65 6544 6800

Latin America

Mexico City
Telephone: +52 55 5567 7170

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