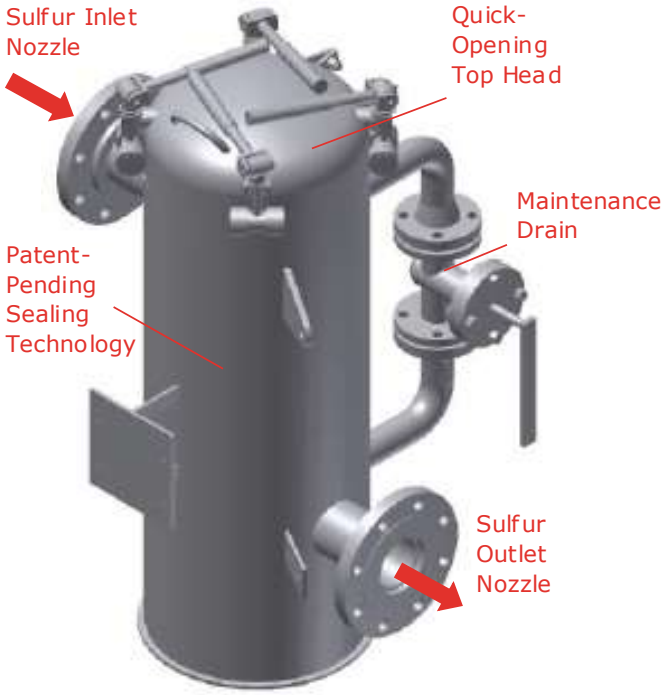
S_xSeal® 1000

The Above-Ground Sulfur Seal from the Makers of ControTrace®

CSI's *S_xSeal® 1000* ensures reliable vapor-sealing performance in Sulfur Recovery Unit rundown lines.



Benefits

- **Safe, reliable sealing performance:** Prevents vapor from flowing downstream
- **Easy to install:** Installed entirely above ground with simple flange connections
- **Easy to maintain:** Internals accessible via quick-opening top head
- **Continuous SRU operation:** Regular cleaning is performed with the SRU operating at full capacity

Standard Features

- Patent-pending internal sealing mechanism
- Interchangeable internal components
- Quick-opening top head
- Stainless steel sealing components; all other components carbon steel
- Maintenance drain valve
- Heated externally with ControTrace® steam tracing system (not shown)

Optional Configurations

- **Option 1:** Rod-out nozzles
- **Option 2:** Bottom discharge
- **Option 3:** All stainless steel construction

The *S_xSeal® 1000* is backed by **CSI**'s engineering expertise, expansive production capacity, and exemplary customer service. **CSI**'s *S_xSeal® 1000* delivers the technical and commercial value you've come to expect from CSI for over 50 years.

704.644.5000

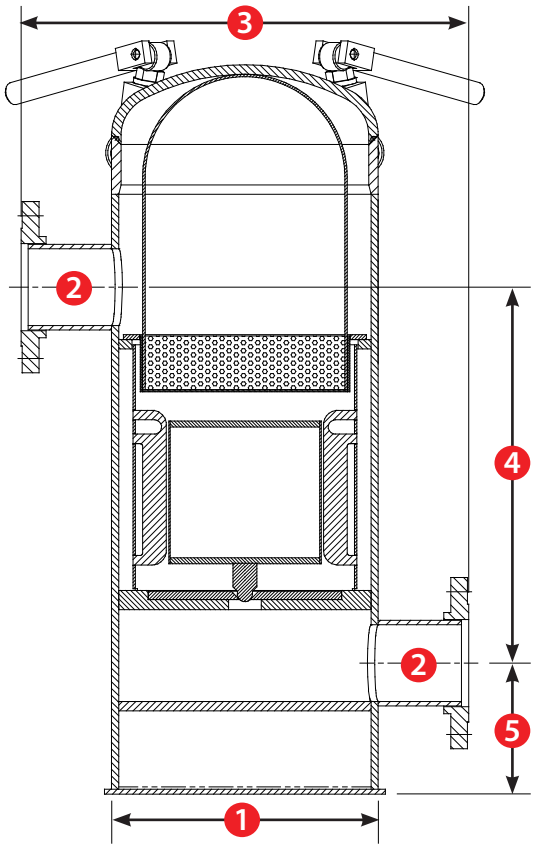
AMETEK® THERMAL PROCESS MANAGEMENT

sales.CSI@ametek.com
www.csiheat.com

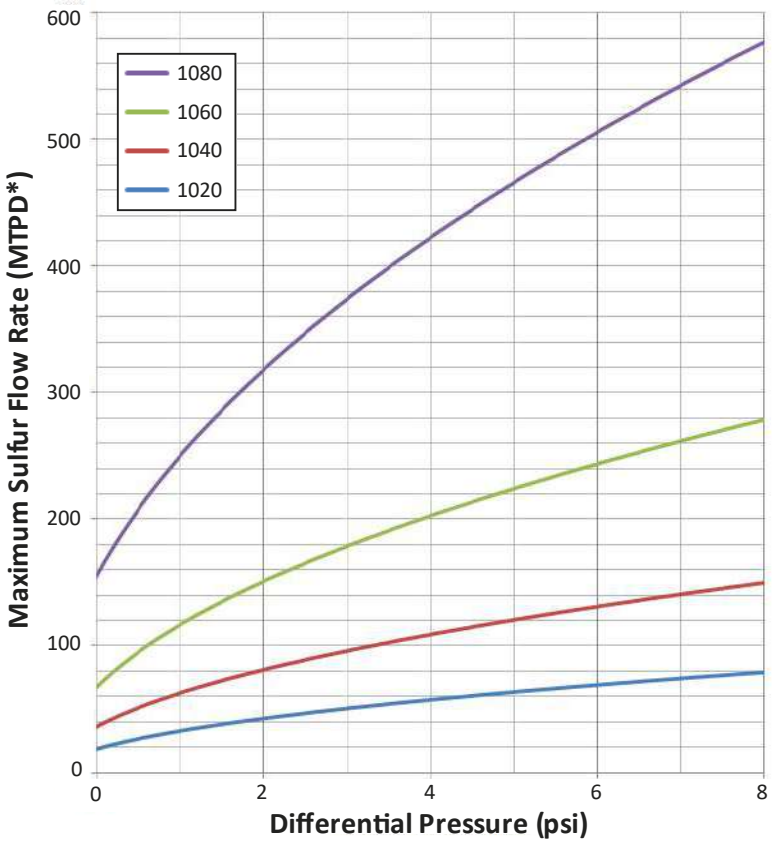
S_xSeal® 1000

Standard Models:	1020	1040	1060	1080
External Dimensions:				
1 Shell NPS (Body diameter)	12"	14"	16"	18"
2 Inlet - Outlet Nozzle NPS	3"	4"	6"	6"
3 Inlet - Outlet Flange	22-1/8"	24-1/2"	27-1/4"	29-1/4"
4 Inlet - Outlet Centerline	19-1/4"	20"	23"	24-1/2"
5 Outlet Centerline - Base	6-3/8"	6-7/8"	8-1/4"	8-1/4"

Standard Unit Design



Operating Range



The maximum operating flow rate through the unit is a function of the upstream operating pressure as summarized in the chart.