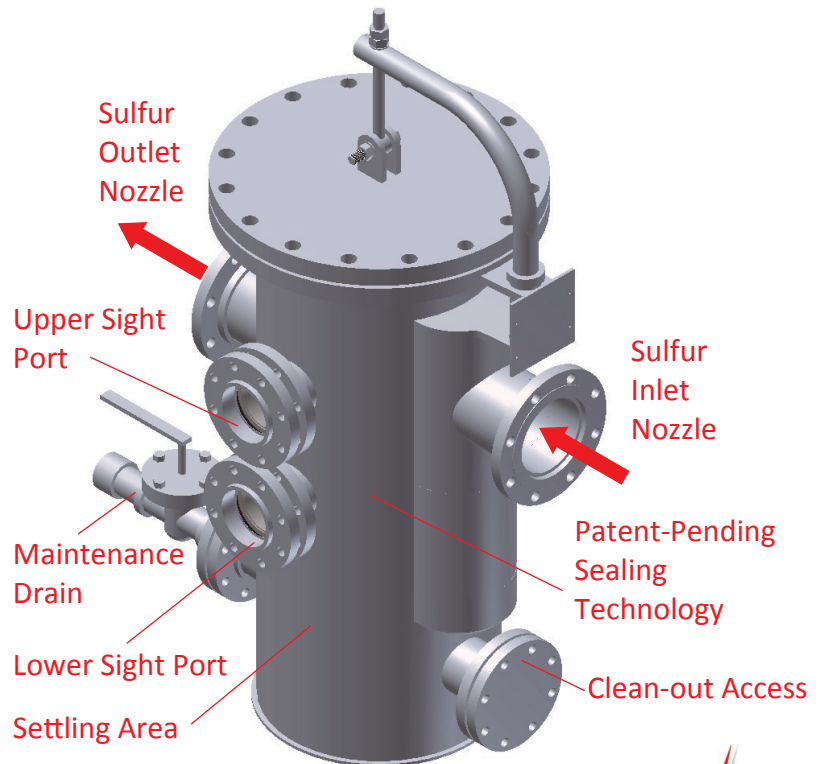


CSI's **S_xSeal™ 2000** ensures reliable vapor-sealing performance in Sulfur Recovery Unit rundown lines.

BENEFITS

- ◆ **Safe, reliable sealing performance:** Prevents vapor from flowing downstream
- ◆ **Visual confirmation:** Sight glasses provide visual confirmation of unit operating condition
- ◆ **Supplemental relief path:** Unit opens fully in the case of an upstream pressure event
- ◆ **Easy to install:** Installed entirely above ground with simple flange connections
- ◆ **Easy to maintain:** Large settling area captures debris for extended service intervals



STANDARD FEATURES

- ◆ Patent-pending internal sealing mechanism
- ◆ Interchangeable internal components
- ◆ Stainless steel sealing components; all other components carbon steel
- ◆ Settling area collects debris; no filter screens are used
- ◆ Large debris collection volume; cleaning is typically required only during a scheduled unit shutdown
- ◆ Maintenance drain used to remove sulfur when cleaning out debris
- ◆ Unit opens fully in response to elevated pressure upstream; unit automatically resets after the pressure event has passed

- ◆ Pressure relief occurs through the same mechanism as normal discharge; the pressure relief path cannot fail closed
- ◆ Sight ports provide visual confirmation of the unit operating condition; many unit upset conditions can be safely diagnosed using the sight glasses
- ◆ Externally heated with ControTrace® steam tracing system (not shown)

The **S_xSeal™ 2000** is backed by CSI's engineering expertise, expansive production capacity, and exemplary customer service. **CSI's S_xSeal™ 2000** delivers the technical and commercial value you've come to expect from CSI for over 50 years.

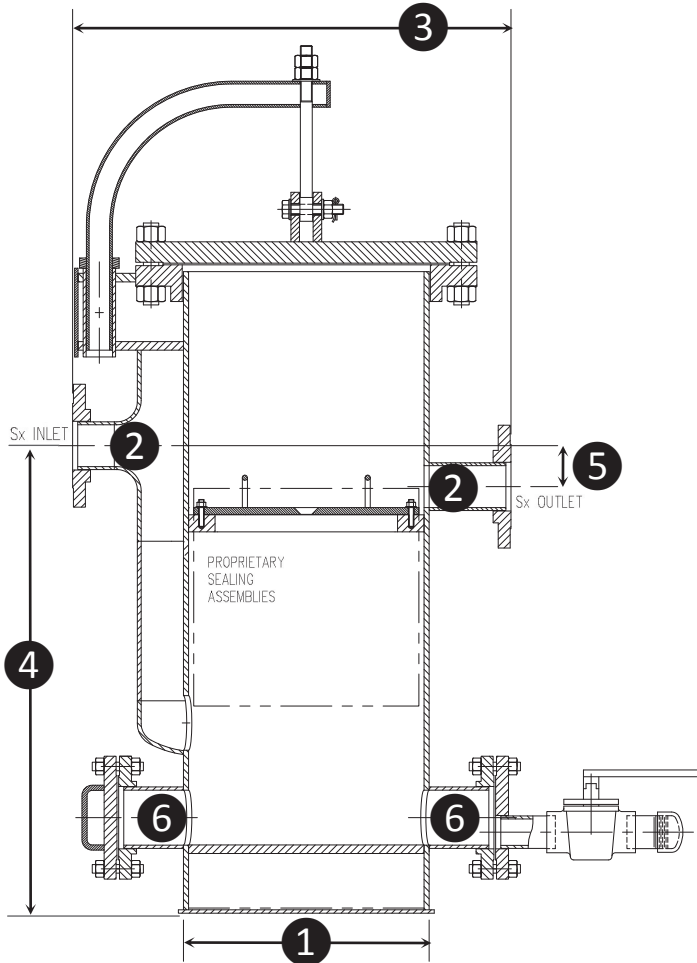


The Above-Ground Sulfur Seal from the Makers of ControTrace®

SPECIFICATIONS

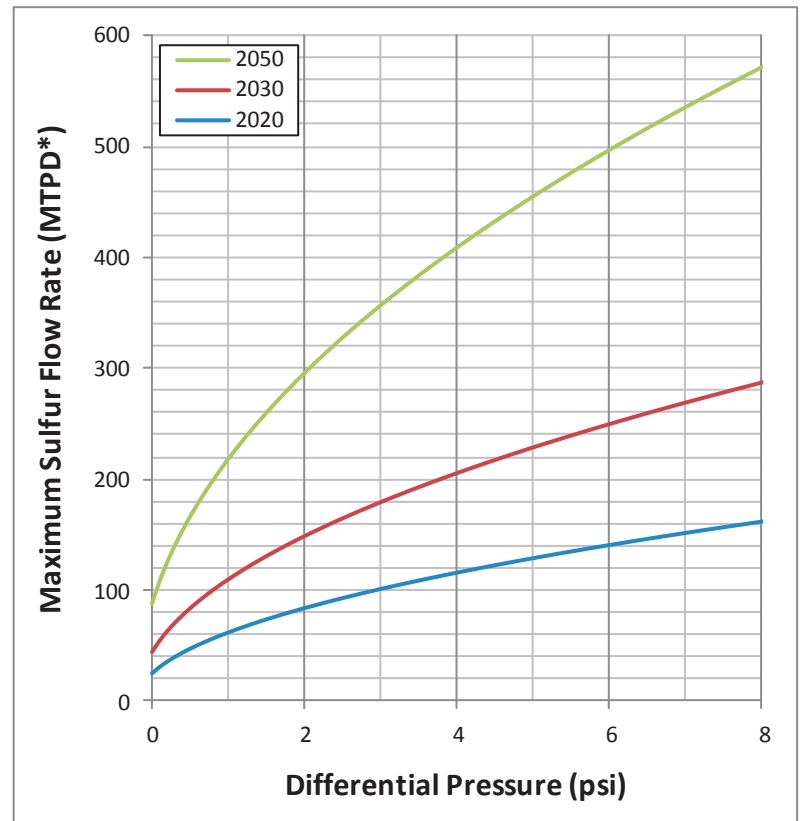
Standard Models:	2020	2030	2050
SRU Operating Parameters:			
Maximum Sulfur Flow Rate (@ 4 psi)	100 MTPD*	200 MTPD*	400 MTPD*
Standard Relief Pressure	20 psi	20 psi	20 psi
Debris Collection Volume	10 gal.	12-1/2 gal.	20 gal.
External Dimensions:			
① Vessel Diameter NPS	18"	20"	24"
② Inlet/Outlet Nozzle NPS	4"	6"	6"
③ Inlet Flange—Outlet Flange	32-3/4"	35-1/2"	39-1/2"
④ Inlet Centerline—Vessel Bottom	34"	36-1/2"	39"
⑤ Inlet Centerline—Outlet Centerline	3"	3"	3"
⑥ Clean—Out Nozzle NPS	4"	4"	4"

STANDARD UNIT DESIGN



OPERATING RANGE

*MTPD = Metric Tonnes Per Day



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