

Vacuum Degasser

The TSC Vacuum Degasser efficiently removes entrained gases from the drilling fluid. Drilling fluid is pulled into the vacuum chamber and sent to umbrella-shaped, gas-separation layers through an orifice in the central pipe. Under vacuum conditions, gas bubbles develop in the drilling fluid. The fluid flows across the separation layers, releasing entrained gas as the bubbles burst.

The water ring vacuum pump vents the gas away to a safe place, while the degassed fluid is sent to the next tank for additional treatment. Our compact design is reliable, easy to install and simple to maintain. Please contact your local TSC representative to learn more about the complete line of TSC solids control products.



Model	HVV-300	HV-240	HV-1200	HVH-300
Capacity (gpm)	1,400	960	1,400	1,400
Vacuum (in)	11–14	11–14	15–20	15–18
Efficiency	≥95%	≥95%	≥95%	≥95%
Main motor power (hp)	30	20		
Vacuum pump (hp)	5	5 (60Hz)	5 (60Hz)	5
Inlet manifold (in)	6	5	6	6
Discharge manifold (in)	8	6	8	8
Weight (lb)	3,350	3,960	6,160	4,000
Dimensions (in)	54×55×76	76×36×88	88×48×80	144×40×96

