

CAMERON GREAT LAKES, INC.

MOLECULAR FILTRATION SPECIALISTS

VAPOR SCRUB RADIAL FLOW UNITS

Models VS500-1500R VS1000-4500R VS1600-3000R

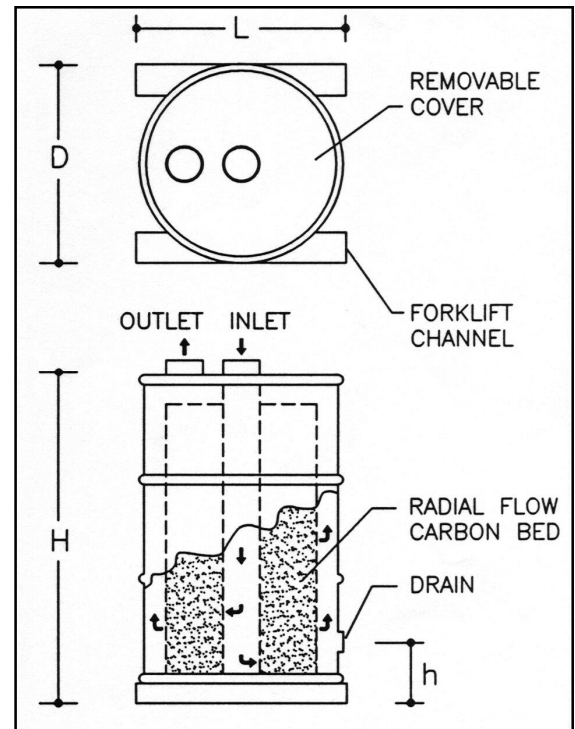
CGL Vapor Scrub Radial Flow units are designed for effective purification of your vapor waste or process stream. The shallow depth carbon bed in this radial design allows processing of high air flows at low pressure drop. CGL Vapor Scrub Radial units are constructed of heavy-duty mild steel and have internal epoxy paint and exterior enamel paint. A steel base is provided for ease of handling using a forklift or pallet truck. Adsorber internals consist of a painted steel inlet distributor tube with galvanized steel retention screen and outer galvanized steel screen with PVC spacers to the vessel shell.

Untreated vapors enter the inlet distributor tube and proceed horizontally through the carbon bed and outer screen to the free air space inside the vessel wall. The purified air then travels to the upper collection area and exits through the outlet port. For ease in process maintenance, spent carbon can be removed on site from the vessel by hand or vacuuming out by removing the vessel top head. Alternatively, the spent vessel can be shipped off site for reactivation service or disposal.

Please contact your nearest CGL office or representative for additional information on disposal and service options.

SPECIFICATIONS

Model VS	500-1500R	1000-4500R	1600-3000R
H - height, in.	47	77	77
D - diameter, in.	38	49	49
L - length, in.	40	50	50
h - height, in.	7	7	7
Inlet & Outlet Duct Connection, in. dia.	10	12	12
Flow Range, cfm*	500-1500	1500-4500	1000-3000
Pressure Drop Range, in w.g.	1.0 - 5.0	2.0 - 8.0	1.8 - 8.0
Max Pressure, psig	6	6	6
Max Temp, deg. F	125	125	125
Carbon Capacity Weight, lbs.	500	1000	1600
Volume, cu. ft.	17.5	35	56
Shipping Weight, lbs.	850	1650	2150



* Based on face velocity range of 33 to 100 fpm/sq.ft. bed area. System design may be dictated by chemistry and residence time.