

CAMERON GREAT LAKES, INC.

MOLECULAR FILTRATION SPECIALISTS

VAPOR SCRUB RADIAL FLOW UNITS

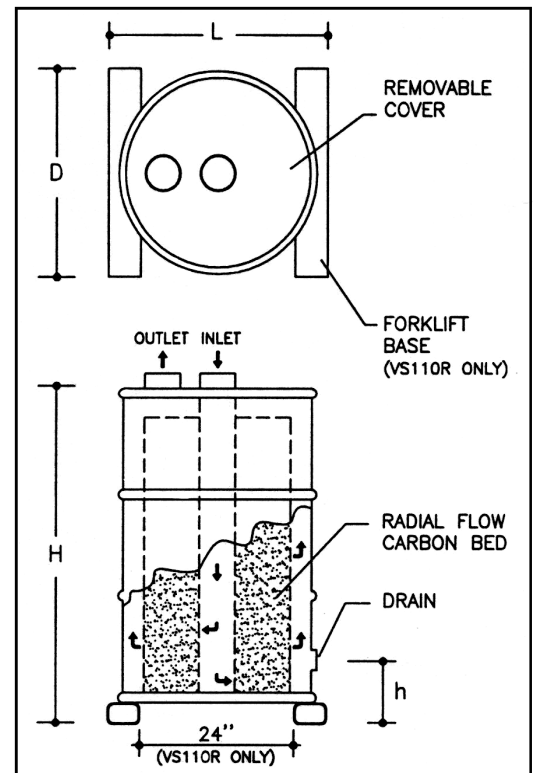
Models VS55-165R VS85-270R VS110-400R VS110-300R

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 are lined with double layered epoxy coatings. Forklift base is provided on the VS110R models only (base tubes can be "clipped" for trailer mounting as a price option). Adsorbent internals consist of an inlet distributor tube/retention screens and outer screen with 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.

SPECIFICATIONS

Model VS	55-165R	85-270R	110-400R	110-300R
H - height, in.	30	36	46	46
D - diameter, in.	19	24	32	32
L - length, in.	na	na	36	36
h - height, in.	4.3	6	10	10
Inlet & Outlet Duct Connection, in. dia.	4	4	4	6
Flow Range, cfm*	100-300	120-360	167-500	200-600
Pressure Drop Range, in w.g.	1.2-6.0	1.1-5.6	1.2-6.0	1.0-5.0
Max Pressure, psig	8	8	8	8
Max Temp, deg. F	125	125	125	125
Carbon Capacity Weight, lbs.	165	270	400	300
Volume, cu. ft.	5.5	9.0	16.67	10.0
Shipping Weight, bs.	220	340	740	540



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

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