

Cameron Carbon

INCORPORATED

Activated Carbon
& Related Technology

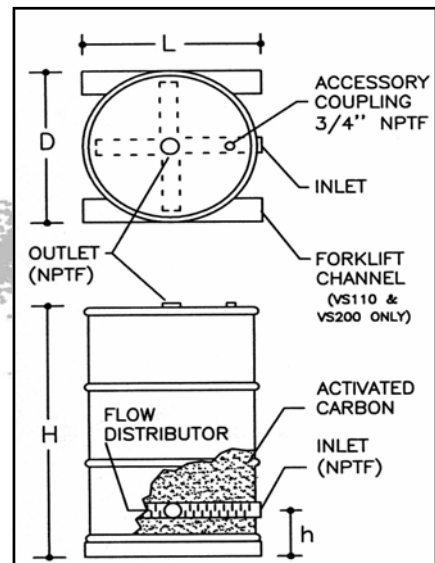
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Vapor Phase Canisters

Cameron vapor phase canister units are filled with high quality granular activated carbon and designed for effective purification of vapor waste or process streams. Our canister units have a proven ability to remove organic contaminants to non-detectable levels.

Units are constructed of heavy-duty mild steel and are lined with double layered epoxy coatings. (Forklift channels are provided on the VC110-400 model only). Internal fitments consist of a PVC cross-style inlet flow distributor designed for complete carbon bed use. Upflow operation is standard.

When the units become exhausted they can be conveniently serviced on site by removing the vessel top head. Spent carbon is then easily removed from the units either by hand or vacuum. Alternatively, the exhausted unit can be shipped off site for reactivation service or disposal.



Model VC	5-15	8-25	10-35	16-50	30-100	55-200	85-300	110-400
H-height (in)	9	14	17	25	30	36	40	46
D-diameter (in)	14	14	14	14	19	24	26	32
L-length (in)	na	na	na	na	na	na	na	32
h-height (in)	6	6	6	6	4.3	6	5	8
Inlet (in)	1 fnpt	1 fnpt	1 fnpt	1 fnpt	2	2	3	4
Outlet (in)	2 bung	2 bung	2 bung	2 bung	2	2	3	4
Flow Range (cfm)*	10 – 25	10 – 25	10 – 25	10 – 25	60-100	80-150	110-200	160-300
Pressure Drop (in w.g.)	0.5	0.7	0.8	1.0	2.3-6.8	2.7-8.0	3.0-9.0	3.4-10.3
Max Pressure (psig)	8	8	8	8	8	8	8	8
Max Temp (F)	125	125	125	125	125	125	125	125
Carbon Capacity (lb)	15	25	35	50	100	200	300	400
Carbon Volume (ft ³)	0.5	0.83	1.17	1.67	3.9	7.1	10.0	16.1
Shipping Weight (lb)	30	42	64	72	150	270	380	640

* Based on face velocity 33 - 100 fpm/ft² bed area. System design may be dictated by chemistry & residence time.

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