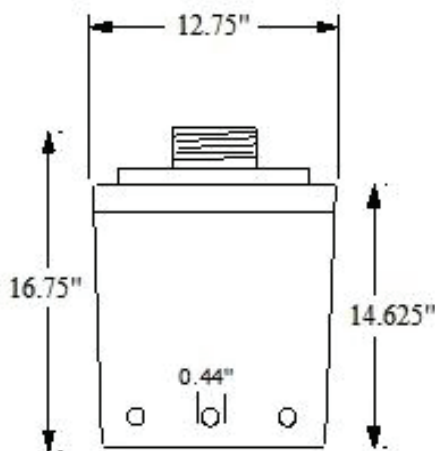




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Data Sheet: 20LB ARVF-Data Sheet Part # ARVF-20



Application: Atmospheric Vents/Low Flow Vents.

Overall Diameter: 12.75 Inches

Overall Height: 16.75 Inches

Inlet sizes: 3" FIPT; ASTM F 1498

Max CFM: 50CFM

Carbon Capacity: 20LBS/.8 cubic feet *

Carbon Type: Catalytic

H2S Breakthrough Capacity gH2S/cc carbon; .15

(Min) ASTM D 6646

* The low apparent density of catalytic carbons means fewer pounds must be purchased to fill the required volume. Since H2S removal, Capacity is based on bed volume, this results in direct cost savings.

Darco Catalytic Carbon Life Estimates

Carbon Life Estimate based on constant flow at 5 PPM H2S Concentration

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time-Seconds	48	9.6	4.8	2.4	1.6	.96	.64
Carbon Life Days	10944.31	2188.86	1094.43	547.22	364.81	218.89	145.92
Carbon Life Hours	262663.40	52532.68	26266.34	13133.17	8755.45	5253.27	3502.18

Carbon Life Estimate based on constant flow at 10 PPM H2S Concentration

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	48	9.6	4.8	2.4	1.6	.96	.64
Carbon Life Days	5472.15	1094.43	547.22	273.61	182.41	109.44	72.96
Carbon Life Hours	131331.70	26266.34	13133.17	6566.58	4377.72	2626.63	1751.09

Carbon Life Estimate based on constant flow at 20 PPM H2S Concentration

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	48	9.6	4.8	2.4	1.6	.96	.64
Carbon Life Days	2736.08	547.22	273.61	136.80	91.2	54.72	36.48
Carbon Life Hours	65665.85	13133.17	6566.58	3283.29	2188.86	1313.32	875.54

Carbon Life Estimate based on constant flow at 30 PPM H2S Concentration

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	48	9.6	4.8	2.4	1.6	.96	.64
Carbon Life Days	1824.05	364.81	182.41	91.20	60.80	36.48	24.32
Carbon Life Hours	43777.23	8755.45	4377.72	2188.86	1459.24	875.54	583.70