

Model Series 41V • Filter Pressure Drop Adjustments (in w.g.)

Unit Size	Airflow		Velocity		Filter Type		Filter Size
	CFM	l/s	FPM	m/s	1" (25) Throwaway	1" (25) MERV 8	
3	350	165	258	1.313	0.054	0.173	7 1/2 x 26 (191 x 660)
	300	142	222	1.125	0.039	0.144	
	250	118	185	0.938	0.025	0.114	
	200	142	222	1.125	0.010	0.085	
4	500	236	300	1.524	0.071	0.206	7 1/2 x 32 (191 x 813)
	390	184	234	1.189	0.044	0.154	
	310	146	186	0.945	0.025	0.115	
	250	118	150	0.762	0.011	0.086	
6	690	316	315	1.602	0.078	0.220	7 1/2 x 42 (191 x 1067)
	615	290	281	1.428	0.064	0.143	
	405	191	185	0.941	0.025	0.116	
	350	165	160	0.813	0.015	0.095	
8	740	349	323	1.640	0.081	0.227	7 1/2 x 44 (191 x 1118)
	655	309	286	1.452	0.066	0.147	
	445	210	194	0.986	0.029	0.123	
	400	189	175	0.887	0.021	0.107	
10	1070	505	354	1.799	0.094	0.254	7 1/2 x 58 (191 x 1473)
	930	439	308	1.564	0.076	0.216	
	760	359	252	1.278	0.053	0.170	
	650	307	215	1.093	0.038	0.141	
12	1215	573	353	1.796	0.094	0.253	7 1/2 x 66 (191 x 1676)
	1130	533	329	1.670	0.084	0.233	
	810	382	236	1.197	0.046	0.158	
	700	330	204	1.034	0.033	0.132	



Front: 1" (25) Throwaway
Back: 1" (25) MERV 8 Pleated

NOTES:

1. Pressure drop based on clean filters. Using any type of filter will lower unit airflow.
2. To determine fan airflow with the addition of a filter, add the filter pressure drop to the external static pressure on the fan curve or use Selectworks.