

Model Series 42V • 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	
2	250	114	236	1.201	0.045	0.156	21 3/4 x 7 (552 x 178)
	215	98	227	1.155	0.032	0.129	
	195	89	206	1.047	0.024	0.114	
	150	69	159	0.806	0.007	0.080	
3	350	160	269	1.367	0.058	0.182	26 3/4 x 7 (679 x 178)
	300	137	231	1.172	0.043	0.151	
	250	114	192	0.977	0.028	0.120	
	200	91	154	0.781	0.012	0.089	
4	450	206	266	1.353	0.121	0.180	34 3/4 x 7 (883 x 178)
	385	176	228	1.158	0.096	0.149	
	315	144	186	0.947	0.070	0.116	
	250	114	148	0.752	0.045	0.085	
6	750	343	316	1.608	0.234	0.220	48 3/4 x 7 (1238 x 178)
	615	281	260	1.318	0.183	0.174	
	485	222	205	1.040	0.134	0.130	
	350	160	148	0.750	0.083	0.085	



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.