

Model Series 40H • 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	340	160	245	1.245	0.046	0.140	10 x 20 (254 x 508)
	290	137	209	1.062	0.034	0.102	
	240	113	173	0.879	0.023	0.070	
	190	90	137	0.696	0.015	0.044	
	140	66	101	0.513	0.008	0.024	
4	520	245	300	1.524	0.070	0.210	10 x 25 (254 x 635)
	445	210	256	1.300	0.051	0.153	
	370	175	213	1.082	0.035	0.106	
	295	139	170	0.864	0.022	0.067	
	220	104	127	0.645	0.013	0.038	
6	760	359	365	1.854	0.104	0.311	10 x 30 (254 x 762)
	645	304	310	1.575	0.075	0.224	
	530	250	254	1.290	0.050	0.150	
	415	196	199	1.011	0.031	0.092	
	300	142	144	0.732	0.016	0.048	
8	860	406	310	1.575	0.075	0.224	2 @ 10 x 20 (254 x 508)
	695	328	250	1.270	0.049	0.146	
	530	250	191	0.970	0.028	0.085	
	365	172	131	0.665	0.013	0.040	
	200	94	72	0.366	0.004	0.012	
12	1260	595	363	1.844	0.102	0.307	2 @ 10 x 25 (254 x 635)
	1070	505	308	1.565	0.074	0.221	
	880	415	253	1.285	0.050	0.149	
	690	326	199	1.011	0.031	0.092	
	500	236	144	0.732	0.016	0.048	
15	1520	717	365	1.854	0.104	0.310	2 @ 10 x 30 (254 x 762)
	1240	585	298	1.514	0.069	0.207	
	960	453	230	1.168	0.041	0.123	
	680	321	163	0.828	0.021	0.062	
	400	189	96	0.488	0.007	0.021	



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

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.