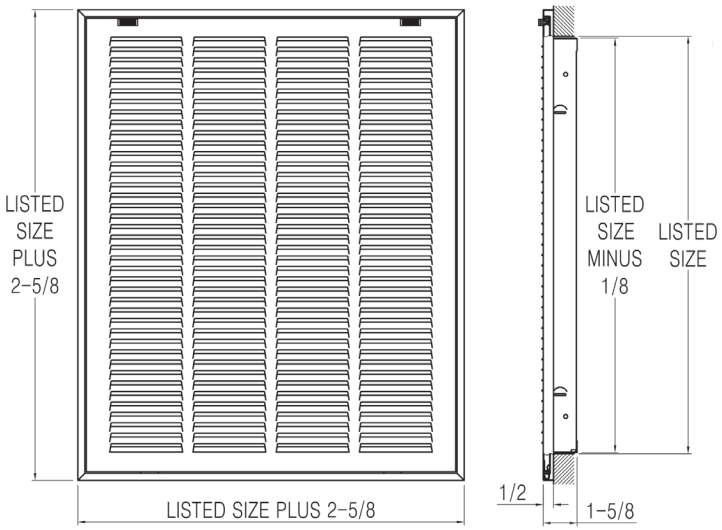
ACCORD ventilation products

RESIDENTIAL — *Return Air Filter Grille*

520 - Return Air Filter Grille

- Steel construction
- 1/2" Spaced bars
- Removable hinged face for easy installation and cleaning
- Uses nominal 1" thick filters (not included)
- White durable finish



Available Sizes (in inches)

HEIGHT	WIDTH												
	10	12	14	16	18	20	22	24	25	30	32	36	40
6	●	●	●					●		●			
8			●		●	●		●		●			
10	●		●			●		●		●			
12		●	●	●	●	●		●	●	●		●	
14			●			●		●	●	●			
16			●	●		●		●	●	●			
18		●			●	●		●		●		●	
20	●	●	●	●		●		●	●	●			●
22							●						
24		●	●	●	●	●		●		●			
25			●	●		●			●	●	●		
30		●	●	●	●	●		●	●	●			
32				●					●				
36		●		●		●		●					
40						●							

ACCORD ventilation products

ENGINEERING

520 - RETURN AIR FILTER GRILLE

FACE VELOCITY		300	400	500	600	700
10 x 10 Ak .48	cfm	144	192	240	288	336
	Ps	0.020	0.032	0.052	0.076	0.104
10 x 20 Ak .93	cfm	279	372	465	558	651
	Ps	0.020	0.032	0.052	0.076	0.100
12 x 12 Ak .69	cfm	201	268	335	402	469
	Ps	0.020	0.032	0.052	0.072	0.100
12 x 20 Ak 1.21	cfm	363	484	605	726	847
	Ps	0.020	0.032	0.052	0.072	0.100
12 x 24 Ak 1.30	cfm	390	520	650	780	910
	Ps	0.020	0.032	0.052	0.072	0.100
14 x 14 Ak .91	cfm	269	358	448	537	627
	Ps	0.020	0.032	0.052	0.072	0.100
14 x 20 Ak 1.29	cfm	383	510	638	765	893
	Ps	0.020	0.032	0.052	0.072	0.100
14 x 24 Ak 1.55	cfm	457	610	762	914	1067
	Ps	0.020	0.032	0.052	0.072	0.100
14 x 25 Ak 1.58	cfm	474	632	790	948	1106
	Ps	0.020	0.032	0.052	0.072	0.100
14 x 30 Ak 1.89	cfm	567	756	945	1134	1323
	Ps	0.016	0.032	0.048	0.072	0.096
16 x 16 Ak 1.17	cfm	350	467	584	700	817
	Ps	0.020	0.032	0.052	0.072	0.100
16 x 20 Ak 1.46	cfm	434	578	723	867	1012
	Ps	0.020	0.032	0.052	0.072	0.100
16 x 25 Ak 1.81	cfm	541	722	902	1082	1263
	Ps	0.016	0.032	0.052	0.072	0.096
16 x 30 Ak 2.26	cfm	678	904	1130	1356	1582
	Ps	0.016	0.032	0.048	0.068	0.092
18 x 12 Ak 1.02	cfm	306	408	510	612	714
	Ps	0.020	0.032	0.052	0.076	0.104
18 x 18 Ak 1.48	cfm	440	587	734	880	1027
	Ps	0.020	0.032	0.052	0.072	0.100
18 x 24 Ak 1.96	cfm	588	784	980	1176	1372
	Ps	0.016	0.032	0.052	0.072	0.096
20 x 10 Ak .93	cfm	279	372	465	558	651
	Ps	0.020	0.032	0.052	0.076	0.104
20 x 12 Ak 1.11	cfm	328	437	546	655	764
	Ps	0.020	0.032	0.052	0.072	0.100
20 x 14 Ak 1.28	cfm	382	510	637	764	892
	Ps	0.020	0.032	0.052	0.072	0.100
20 x 16 Ak 1.46	cfm	433	578	722	866	1011
	Ps	0.020	0.032	0.052	0.072	0.100
20 x 20 Ak 1.83	cfm	542	723	904	1084	1265
	Ps	0.016	0.032	0.052	0.072	0.096
20 x 24 Ak 2.19	cfm	651	868	1085	1302	1519
	Ps	0.016	0.032	0.048	0.068	0.096
20 x 25 Ak 2.25	cfm	674	898	1123	1347	1572
	Ps	0.016	0.032	0.048	0.068	0.096
20 x 30 Ak 2.71	cfm	808	1078	1347	1616	1886
	Ps	0.016	0.032	0.048	0.064	0.092
24 x 10 Ak 1.12	cfm	336	448	560	672	784
	Ps	0.020	0.032	0.052	0.072	0.100
24 x 12 Ak 1.32	cfm	392	522	653	783	914
	Ps	0.020	0.032	0.052	0.072	0.100
24 x 14 Ak 1.53	cfm	457	609	762	914	1066
	Ps	0.020	0.032	0.052	0.072	0.100
24 x 16 Ak 1.73	cfm	519	692	865	1038	1211
	Ps	0.016	0.032	0.052	0.072	0.096
24 x 18 Ak 1.94	cfm	582	776	970	1164	1358
	Ps	0.016	0.032	0.048	0.072	0.096
24 x 20 Ak 2.17	cfm	649	865	1081	1297	1513
	Ps	0.016	0.032	0.048	0.068	0.096
24 x 24 Ak 2.59	cfm	777	1036	1295	1554	1813
	Ps	0.016	0.032	0.048	0.068	0.092
24 x 30 Ak 3.23	cfm	969	1292	1615	1938	2261
	Ps	0.016	0.032	0.048	0.064	0.088
25 x 14 Ak 1.59	cfm	475	634	792	950	1109
	Ps	0.016	0.032	0.052	0.072	0.100
25 x 16 Ak 1.80	cfm	540	720	900	1080	1260
	Ps	0.016	0.032	0.052	0.072	0.096
25 x 20 Ak 2.25	cfm	674	898	1123	1347	1572
	Ps	0.016	0.032	0.048	0.068	0.096
25 x 25 Ak 2.81	cfm	843	1124	1405	1686	1967
	Ps	0.016	0.032	0.048	0.068	0.092
25 x 32 Ak 3.58	cfm	1074	1432	1790	2148	2506
	Ps	0.016	0.032	0.048	0.064	0.084
30 x 10 Ak 1.37	cfm	408	544	680	816	952
	Ps	0.020	0.032	0.052	0.072	0.100
30 x 12 Ak 1.64	cfm	492	656	820	984	1148
	Ps	0.016	0.032	0.052	0.072	0.096
30 x 14 Ak 1.91	cfm	569	758	948	1137	1327
	Ps	0.016	0.032	0.048	0.072	0.096
30 x 16 Ak 2.16	cfm	645	860	1075	1290	1505
	Ps	0.016	0.032	0.048	0.068	0.096
30 x 18 Ak 2.46	cfm	728	970	1213	1455	1698
	Ps	0.016	0.032	0.048	0.068	0.092
30 x 20 Ak 2.71	cfm	808	1078	1347	1616	1886
	Ps	0.016	0.032	0.048	0.064	0.092
30 x 24 Ak 3.22	cfm	965	1286	1608	1929	2251
	Ps	0.016	0.032	0.048	0.064	0.088
30 x 30 Ak 4.02	cfm	1206	1608	2010	2412	2814
	Ps	0.016	0.032	0.044	0.060	0.080

Tested without filters. Velocity measured 1" from face