

**DESCRIPTION:**

1RAF : 1" Filter Grille – Removable Face

Air Flow: Return Air

**MATERIAL:**

- All-steel construction

**PRODUCT FEATURES:**

- 1/3" spaced fins set at 20 degrees.
- Effectively conceals filter.
- Use standard 1" thick disposable filters (not included).
- Removable face for easy installation and cleaning.
- Equipped with adjustable filter retainers.
- Primary use: Side wall and ceiling

**FINISHING :**

- Standard color is white (Ral9016).

**INSTALLATION :**

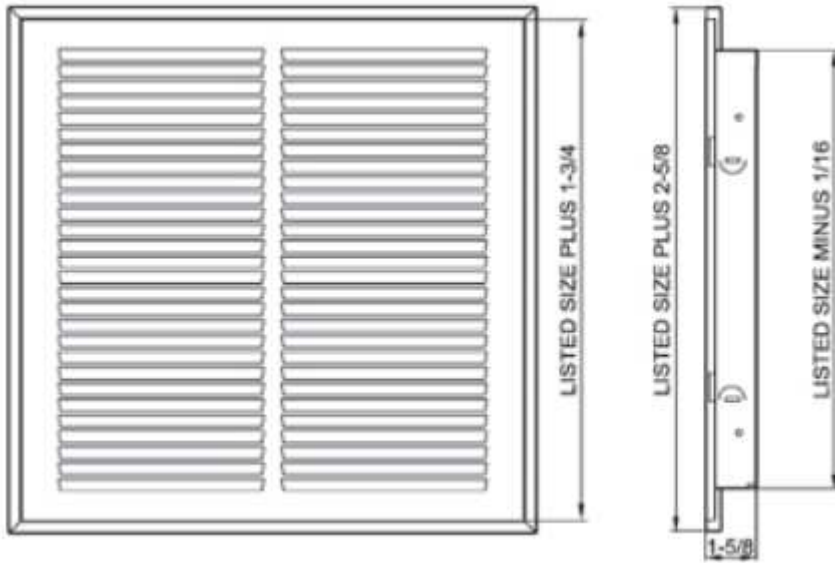
- System with screws is standard.

**ACCESSORIES:**

- Damper : N/A ( Non - Applicable)
- Accepts 1" air filter (not included)
- Air Deflection : N/A



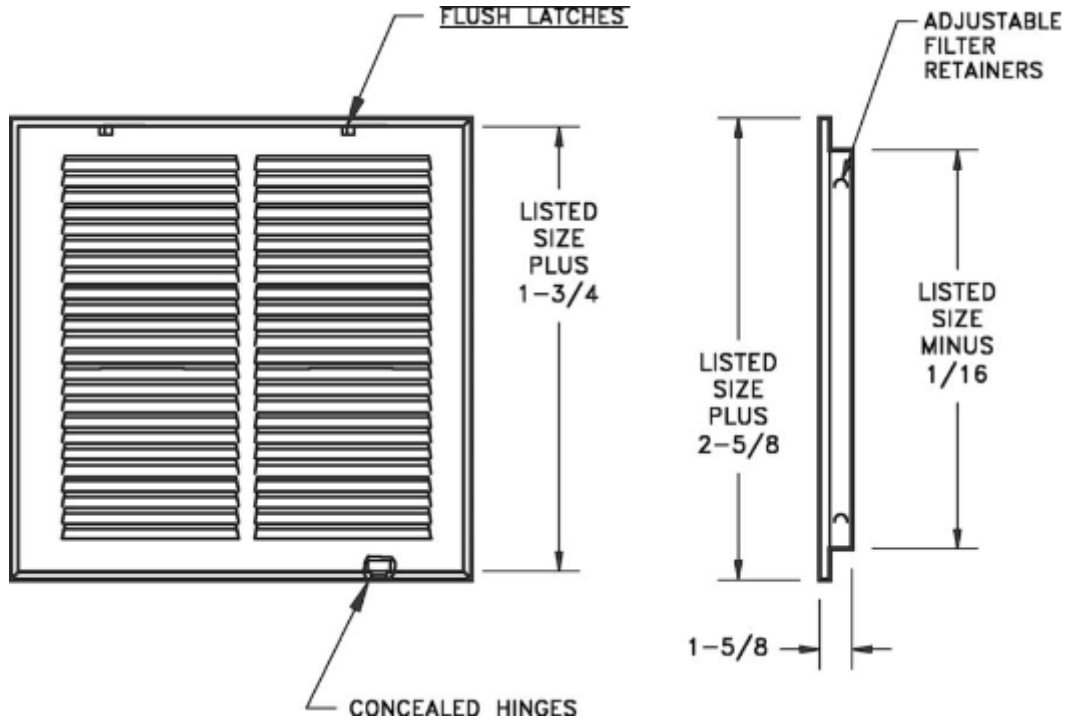
**AVAILABLE SIZES:** Always width x height



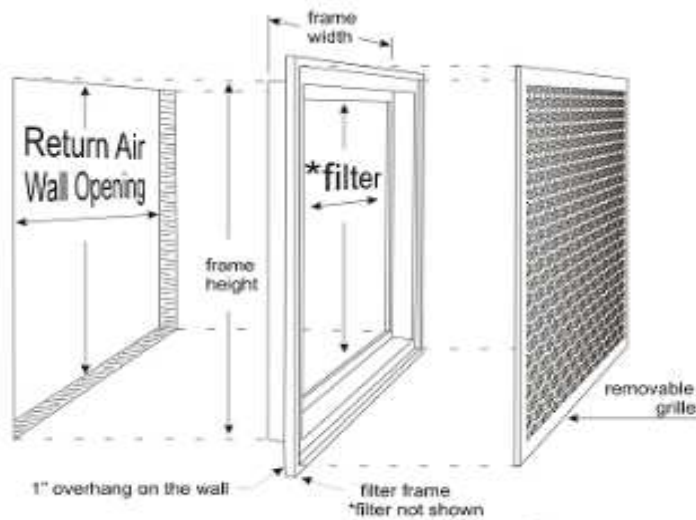
AVAILABLE SIZES (in.) - Always width x height												
HEIGHT	WIDHT											
	10	12	14	16	18	20	24	25	30	32	36	40
6	X		X				X		X			
8			X			X			X			
10	X					X	X		X			
12		X			X	X	X		X		X	
14			X			X	X	X	X		X	
16			X	X		X	X	X	X		X	
18		X			X	X	X		X	X		
20	X	X	X	X	X	X	X	X	X			X
24		X	X	X	X	X	X		X		X	
25			X	X		X		X		X		
30		X	X	X		X	X	X	X			
32				X		X		X				
36		X		X		X	X					
40						X						



**DRAWINGS:**



**MOUNTING DETAILS:**





## PERFORMANCE DATA

Face Velocity			300	400	500	600
Sizes	Free Area(sq.In)					
<b>10x06</b>	39	CFM	86	114	142	170
Ak 0.28		Ps	0.019	0.035	0.054	0.079
<b>10x10</b>	67	CFM	140	186	234	280
Ak 0.46		Ps	0.019	0.035	0.054	0.079
<b>12x12</b>	98	CFM	199	265	331	399
Ak 0.66		Ps	0.019	0.034	0.053	0.077
<b>14x06</b>	56	CFM	118	157	195	234
Ak 0.39		Ps	0.019	0.034	0.054	0.078
<b>14x08</b>	77	CFM	156	207	259	310
Ak 0.51		Ps	0.019	0.034	0.053	0.077
<b>14x14</b>	136	CFM	282	374	468	560
Ak 0.89		Ps	0.019	0.034	0.053	0.075
<b>16x16</b>	179	CFM	368	490	612	734
Ak 1.16		Ps	0.019	0.033	0.052	0.074
<b>16x20</b>	217	CFM	440	587	731	877
Ak 1.46		Ps	0.019	0.033	0.052	0.073
<b>18x12</b>	143	CFM	299	396	495	594
Ak 0.98		Ps	0.019	0.034	0.053	0.075
<b>18x18</b>	222	CFM	470	623	778	932
Ak 1.46		Ps	0.019	0.033	0.052	0.073
<b>20X08</b>	110	CFM	212	294	365	440
Ak 0.73		Ps	0.019	0.034	0.053	0.077
<b>20x10</b>	132	CFM	273	361	452	546
Ak 0.91		Ps	0.019	0.034	0.053	0.075
<b>20x12</b>	160	CFM	329	436	546	655
Ak 1.09		Ps	0.019	0.033	0.052	0.074
<b>20x14</b>	179	CFM	382	509	636	764
Ak 1.27		Ps	0.019	0.033	0.052	0.074
<b>20x16</b>	210	CFM	440	587	731	877
Ak 1.46		Ps	0.019	0.033	0.052	0.073
<b>20x20</b>	270	CFM	542	722	904	1083
Ak 1.80		Ps	0.018	0.033	0.051	0.071
<b>20x24</b>	323	CFM	694	925	1157	1386
Ak 2.16		Ps	0.018	0.032	0.050	0.069
<b>20x25</b>	337	CFM	700	935	1164	1396
Ak 2.24		Ps	0.018	0.032	0.050	0.069
<b>24x06</b>	95	CFM	199	265	331	396
Ak 0.66		Ps	0.019	0.034	0.053	0.077
<b>24x10</b>	161	CFM	329	438	546	655
Ak 1.09		Ps	0.019	0.033	0.052	0.074
<b>24x12</b>	195	CFM	393	523	654	786
Ak 1.30		Ps	0.019	0.033	0.052	0.073
<b>24x14</b>	230	CFM	457	609	760	912
Ak 1.52		Ps	0.019	0.033	0.051	0.072
<b>24x18</b>	291	CFM	625	833	1041	1247
Ak 1.94		Ps	0.018	0.032	0.050	0.069



<b>24x20</b>		CFM	694	925	1157	1386
Ak 2.16	323	Ps	0.018	0.032	0.050	0.069
<b>24x24</b>		CFM	776	1034	1294	1550
Ak 2.58	395	Ps	0.018	0.032	0.049	0.067
<b>25x14</b>		CFM	480	545	802	954
Ak 1.60	238	Ps	0.019	0.033	0.051	0.072
<b>25x16</b>		CFM	542	722	904	1083
Ak 1.80	270	P	0.018	0.033	0.05	0.071
<b>30x06</b>		CFM	249	330	412	494
Ak 0.82	118	P	0.019	0.034	0.05	0.076
<b>30x08</b>		CFM	329	436	546	655
Ak 1.09	160	P	0.019	0.033	0.05	0.074
<b>30x10</b>		CFM	409	546	680	816
Ak 1.36	202	P	0.019	0.033	0.05	0.073
<b>30x12</b>		CFM	489	551	814	976
Ak 1.62	243	P	0.019	0.033	0.05	0.072
<b>30x14</b>		CFM	569	758	946	1136
Ak 1.89	284	P	0.018	0.032	0.05	0.071
<b>30x16</b>		CFM	694	925	115	1386
Ak 2.16	329	P	0.018	0.032	0.05	0.069
<b>30x18</b>		CFM	756	1010	125	1508
Ak 2.41	364	P	0.018	0.032	0.05	0.069
<b>30x20</b>		CFM	810	1076	134	1615
Ak 2.69	390	P	0.018	0.031	0.04	0.067
<b>30x30</b>		CFM	1203	1605	200	2406
Ak 4.00	623	P	0.017	0.030	0.04	0.060
<b>36x14</b>		CFM	700	935	116	1396
Ak 2.24	337	P	0.018	0.032	0.05	0.069
<b>36x24</b>		CFM	1143	1525	190	2286
Ak 3.80	592	P	0.016	0.029	0.04	0.057



**ORDER CODE :**

1RAF		RAL9016	SM	D 20" x20"
<p>00: No coating</p> <p>RAL----: Color</p>			<p>SM: Screw Mounting</p>	
				D = Listed Size