

FREE AREA CALCULATIONS			Grille Specifications	Air Mate Metal		Worth Grille	
Luxury Return Air Grille			12 x 36	FPM	ESP	FPM	ESP
Listed Size	Free Area Inches	Free Area Percentage					
Grille - 10W x 10H	56.73	56.73%	Open Face Velocity	315	0.02	315	0.02
Grille - 12W x 12H	88.57	61.50%	Frame Open	223	0.02	246	0.02
Grille - 12W x 24H	199.42	69.24%	Frame/Grille	159	0.03	186	0.05
Grille - 12W x 36H	312.92	72.43%	No Pleated Filter Available				
Grille - 14W x 6H	38.93	46.35%	Frame/Grille/Poly Filter	129	0.14	152	0.14
Grille - 14W x 14H	127.64	65.12%	16 x 25	FPM	ESP	FPM	ESP
Grille - 14W x 20H	195.33	69.76%	Open Face Velocity	407	0.02	407	0.02
Grille - 14W x 25H	247.51	70.72%	Frame Open	280	0.02	275	0.02
Grille - 14W x 30H	304.67	72.54%	Frame/Grille	236	0.04	163	0.06
Grille - 15W x 20H	210.88	70.29%	Frame/Grille/Pleated Filter	186	0.13	199	0.13
Grille - 16W x 16H	173.35	67.72%	Frame/Grille/Poly Filter	138	0.14	150	0.13
Grille - 16W x 20H	226.42	70.76%	18 x 24	FPM	ESP	FPM	ESP
Grille - 16W x 25H	286.92	71.73%	Open Face Velocity	389	0.02	407	0.03
Grille - 16W x 36H	431.42	74.90%	Frame/Grille	277	0.06	244	0.09
Grille - 18W x 18H	227.34	70.17%	Frame/Grille/Pleated Filter	273	0.16	282	0.19
Grille - 18W x 24H	312.70	72.38%	Frame/Grille/Poly Filter	201	0.20	237	0.21
Grille - 18W x 25H	326.32	72.52%	18 x 36	FPM	ESP	FPM	ESP
Grille - 18W x 36H	490.67	75.72%	Open Face Velocity	340	0.02	340	0.02
Grille - 20W x 15H	212.67	70.89%	Frame Open	305	0.02	330	0.02
Grille - 20W x 20H	288.62	72.15%	Frame/Grille	237	0.03	239	0.04
Grille - 20W x 25H	365.73	73.15%	No Pleated Filter Available				
Grille - 20W x 30H	450.19	75.03%	Frame/Grille/Poly Filter	258	0.13	253	0.14
Grille - 20W x 40H	608.46	76.06%	20 x 25	FPM	ESP	FPM	ESP
Grille - 24W x 12H	189.19	65.69%	Open Face Velocity	341	0.02	341	0.02
Grille - 24W x 24H	425.98	73.96%	Frame Open	268	0.02	278	0.02
Grille - 25W x 16H	280.49	70.12%	Frame/Grille	260	0.04	206	0.06
Grille - 25W x 20H	366.36	73.27%	Frame/Grille/Pleated Filter	205	0.13	220	0.14
Grille - 25W x 25H	464.24	74.28%	Frame/Grille/Poly Filter	169	0.14	192	0.16
Grille - 25W x 32H	613.65	76.71%	20 x 30	FPM	ESP	FPM	ESP
Grille - 30W x 20H	444.10	74.02%	Open Face Velocity	369	0.01	369	0.01
Grille - 32W x 25H	602.15	75.27%	Frame Open	333	0.02	278	0.01
			Frame/Grille	357	0.05	260	0.06
			Frame/Grille/Pleated Filter	238	0.15	251	0.16
			Frame/Grille/Poly Filter	201	0.19	216	0.19
			24 x 24	FPM	ESP	FPM	ESP
			Open Face Velocity	355	0.02	352	0.02
			Frame/Grille	281	0.04	369	0.06
			Frame/Grille/Pleated Filter	262	0.15	264	0.18
			Frame/Grille/Poly Filter	216	0.19	227	0.22
			25 x 25	FPM	ESP	FPM	ESP
			Open Face Velocity	336	0.01	334	0.01
			Frame/Grille	314	0.03	272	0.05
			No Pleated Filter Available				
			Frame/Grille/Poly Filter	232	0.16	241	0.18

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