

TAE MODEL

EXTRUDED ALUMINUM RETURN GRILLE WITH ALUMINUM INSECT SCREEN AND STEEL WEATHERHOOD

- Adjustable blades by hand operated lever with plastic cover in the end, soft to the touch, easier to handle.
- With mosquito mesh that prevents entry of insects inside return duct.
- Steel sheet hood that prevents rain water entering.



CONSTRUCTION: Extruded aluminum and galvanized sheet steel structure.

FINISH: Standard white Anodic acrylic paint. Other colors available.

PERFORMANCE : The free area is variable and dependent on the position of their adjustable curved blades, in a fully open position, the free area of this grille is 80%. It works efficiently if they are selected for maximum velocity of 500 Ft / Min. When it is used in ducts.

Dimensional Data

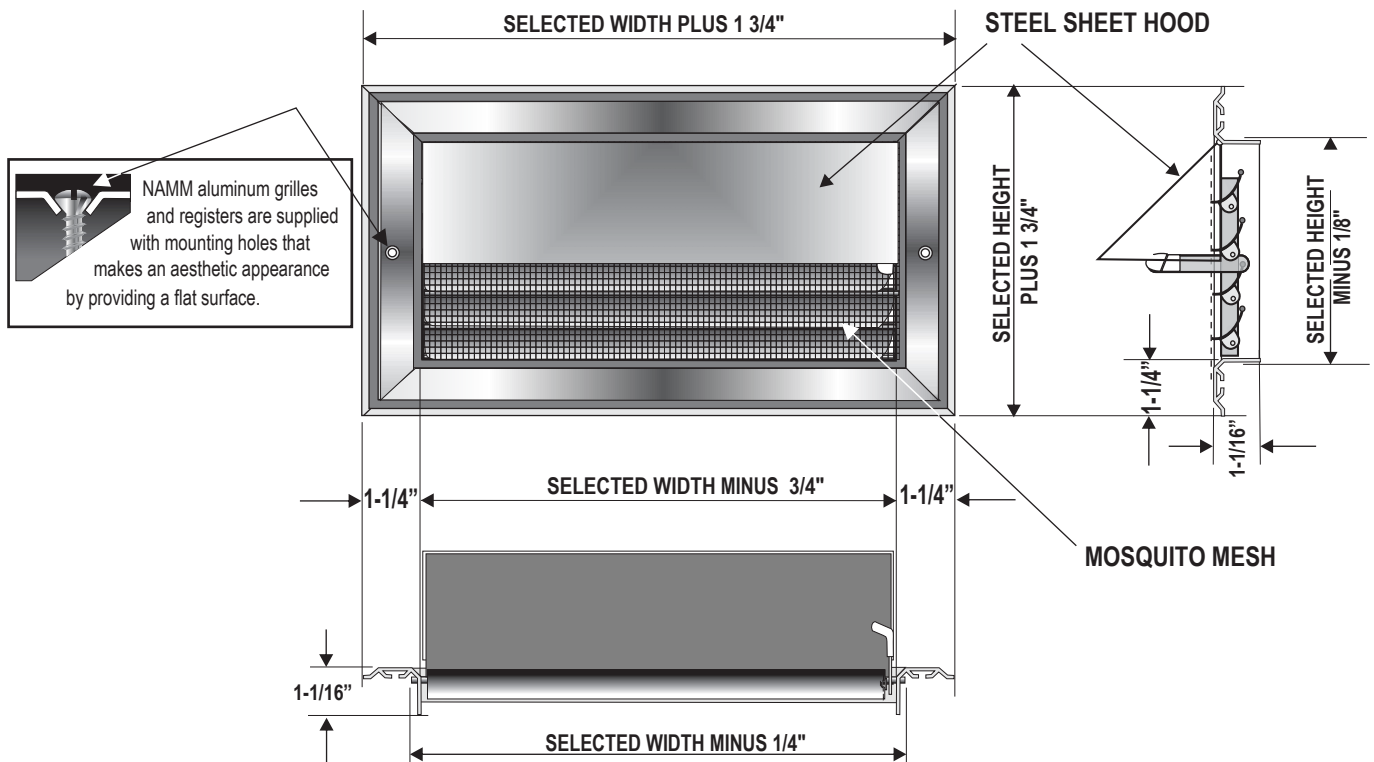


TABLE 1.- PERFORMANCE DATA

LISTED SIZES (INCHES)	FREE CORE AREA (FT ²)		CORE VELOCITY, Feet/Min.									
			NC20			NC30				NC40		
			200	300	400	500	600	700	800	900	1000	
8 x 4 6 x 6	0.19	CFM	38	57	76	95	114	133	152	171	190	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	-	12	20	26	30	33	36	38	41	
12 x 4 8 x 6	0.26	CFM	52	78	104	130	156	182	208	234	260	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	-	13	20	26	31	34	38	39	41	
14 x 4 8 x 8 10 x 6	0.33	CFM	66	99	132	165	198	231	264	297	330	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	-	14	21	27	32	36	39	40	42	
18 x 4 9 x 8 12 x 6	0.38	CFM	76	114	152	190	228	266	304	342	380	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	-	14	22	27	32	36	39	40	42	
20 x 4 10 x 8 14 x 6	0.44	PCM /CFM	88	132	176	220	264	308	352	396	440	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	-	15	22	28	32	36	40	40	43	
24 x 4 12 x 8 16 x 6 10 x 10	0.52	CFM	104	156	208	260	312	364	416	468	520	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	11	16	23	29	33	37	40	41	44	
30 x 4 14 x 8 20 x 6 12 x 10	0.70	CFM	140	210	280	350	420	490	560	630	700	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	13	17	25	30	35	38	42	42	44	
36 x 4 14 x 10 24 x 6 12 x 12 18 x 8	0.91	CFM	182	273	364	455	546	637	728	819	910	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	14	18	25	31	36	39	43	43	45	
48 x 4 20 x 10 34 x 6 16 x 12 24 x 8 14 x 14	1.18	CFM	236	354	472	590	708	826	944	1062	1180	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	15	20	27	33	37	41	45	46	47	
54 x 4 18 x 12 36 x 6 16 x 14 28 x 8	1.32	CFM	264	396	528	660	792	924	1056	1188	1320	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	15	20	27	33	38	42	45	46	48	
60 x 4 24 x 10 40 x 6 20 x 12 30 x 8	1.58	CFM	316	474	632	790	948	1106	1264	1422	1580	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	16	21	28	34	38	42	46	47	49	
48 x 6 24 x 12 36 x 8 18 x 16 30 x 10	1.78	CFM	356	534	712	890	1068	1246	1424	1602	1780	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	17	21	29	34	39	43	46	48	49	
54 x 6 20 x 16 40 x 8 18 x 18 32 x 10	1.93	PCM /CFM	386	579	772	965	1158	1351	1544	1737	1930	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	17	22	29	35	40	43	47	49	50	
56 x 6 24 x 14 42 x 8 20 x 17 34 x 10	2.08	CFM	416	624	832	1040	1248	1456	1664	1872	2080	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	18	22	30	35	40	44	47	49	50	
60 x 6 30 x 12 46 x 8 26 x 14 36 x 10 20 x 18	2.42	CFM	484	726	968	1210	1452	1694	1936	2178	2420	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	18	23	30	36	40	44	47	50	50	
64 x 6 28 x 14 48 x 8 22 x 18 38 x 10 20 x 20 30 x 14	2.76	CFM	552	828	1104	1380	1656	1932	2208	2484	2760	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	18	23	30	36	41	45	48	51	51	
72 x 8 36 x 16 54 x 10 34 x 16 48 x 12 30 x 18 46 x 14 24 x 24	3.59	CFM	718	1077	1436	1795	2154	2513	2872	3231	3590	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	20	24	32	37	42	46	49	51	52	
54 x 12 32 x 20 48 x 14 28 x 24 40 x 16 36 x 18	4.27	CFM	854	1281	1708	2135	2562	2989	3416	3843	4270	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	20	25	32	38	43	47	50	52	53	
72 x 10 40 x 18 60 x 12 36 x 20 48 x 16 30 x 24	4.60	CFM	920	1380	1840	2300	2760	3220	3680	4140	4600	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	21	25	33	38	43	47	50	52	54	
72 x 12 42 x 20 60 x 14 36 x 24 48 x 18	5.50	CFM	1100	1650	2200	2750	3300	3850	4400	4950	5500	
		(-)TP	0.019	0.042	0.076	0.118	0.170	0.230	0.301	0.372	0.440	
		NC	21	26	33	39	44	48	51	53	54	

NC50

(-)TP= NEGATIVE TOTAL PRESSURE, Inches Water Column