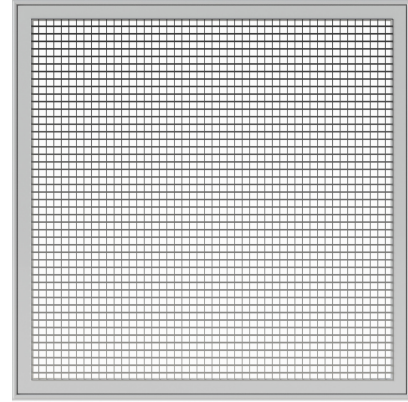


# RCAR MODEL

## ALUMINUM EGG CRATE GRILLE WITH HIDDEN FRAME FOR TEE CEILING



- Available to fit false ceiling modules.
- This model provides easy access to installation or replacement for washable or disposable filter of 1/2" or 3/4" thickness.

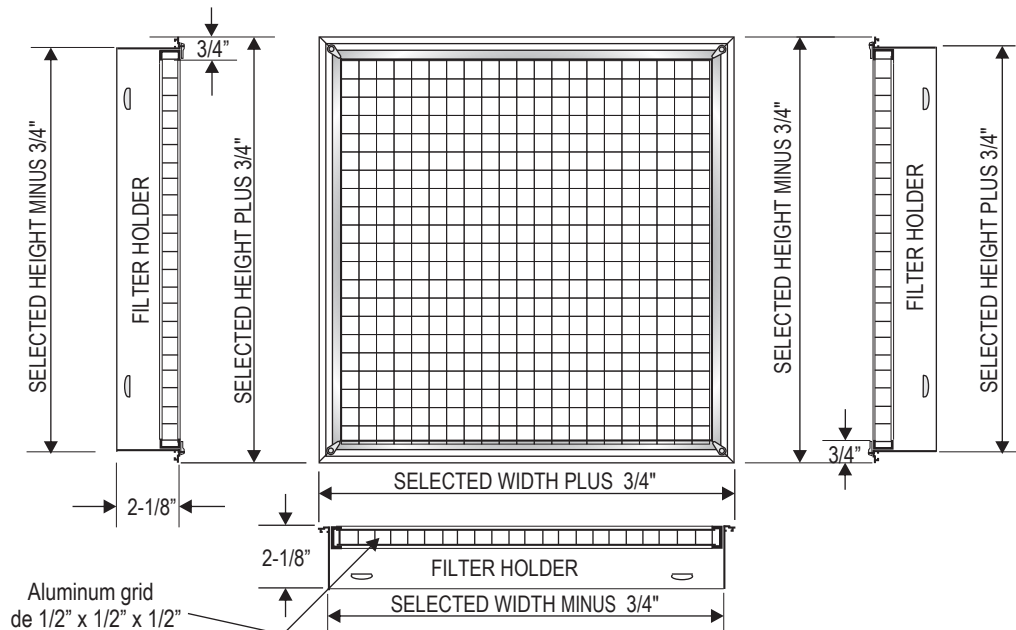
**CONSTRUCTION:** Aluminium structure.

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

**PERFORMANCE:** Provides a 93% free area (without washable or disposable filter).  
Input velocity must not exceed 500 Feet / min.  
Mount it at the bottom of the wall (to prevent possible damage to the aluminum grid. We do not recommend this type of mounting for RCAR models).

## Dimensional Data

Minimum measure of 1 piece: 72"x 12"  
Maximum measure of 1 piece: 6"x 6"



# HIGH EFFICIENCY RETURN GRILLES & REGISTERS

## PERFORMANCE DATA

LISTED SIZES (INCHES)		FREE CORE AREA (FT <sup>2</sup> )		CORE VELOCITY FPM.								
				NC20				NC30				
				400	500	600	700	800	900	1000	1100	1200
8 x 4 7 x 5	6 x 6	0.19	CFM	76	95	114	133	152	171	190	209	228
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	8	12	16	21	24	28	32
12 x 4 10 x 5	8 x 6	0.26	CFM	104	130	156	182	208	234	260	286	312
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	9	12	18	22	26	30	35
14 x 4 12 x 5	10 x 6 8 x 8	0.33	CFM	132	165	198	231	264	297	330	363	396
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	10	14	20	24	28	32	37
18 x 4 12 x 6	9 x 8	0.38	CFM	152	190	228	266	304	342	380	418	456
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	11	15	22	26	30	34	38
20 x 4 16 x 5	14 x 6 10 x 8	0.44	CFM	176	220	264	308	352	396	440	484	528
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	22	25	11	16	23	27	31	36	39
24 x 4 20 x 5 16 x 6	12 x 8 10 x 10	0.52	CFM	208	260	312	364	416	468	520	572	624
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	12	18	24	28	33	37	40
30 x 4 24 x 5 20 x 6	14 x 8 12 x 10	0.70	CFM	280	350	420	490	560	630	700	770	840
			(-)TP	0.014	0.022	0.033	0.044	0.058	0.070	0.090	0.102	0.123
			NC	-	-	14	20	26	30	34	38	41
36 x 4 28 x 5 24 x 6	18 x 8 14 x 10 12 x 12	0.91	CFM	364	455	546	637	728	819	910	1001	1092
			(-)TP	0.013	0.022	0.032	0.042	0.050	0.073	0.097	0.116	0.133
			NC	-	-	16	22	28	32	36	40	43
48 x 4 40 x 5 34 x 6 24 x 8	20 x 10 16 x 12 14 x 14	1.18	CFM	472	590	708	826	944	1062	1180	1298	1416
			(-)TP	0.012	0.021	0.030	0.041	0.048	0.071	0.093	0.112	0.127
			NC	-	10	18	24	30	34	38	42	45
54 x 4 36 x 6 28 x 8	18 x 12 16 x 14	1.32	CFM	528	660	792	924	1056	1188	1320	1452	1584
			(-)TP	0.012	0.020	0.029	0.040	0.047	0.070	0.089	0.108	0.119
			NC	-	12	20	26	31	36	40	44	47
60 x 4 48 x 5 24 x 6	30 x 8 24 x 10 20 x 12	1.58	CFM	632	790	948	1106	1264	1422	1580	1738	1896
			(-)TP	0.012	0.020	0.028	0.040	0.046	0.067	0.085	0.105	0.112
			NC	-	13	21	27	32	37	41	45	48
60 x 5 48 x 6 36 x 8 30 x 10	24 x 12 18 x 16	1.78	CFM	712	890	1068	1246	1424	1602	1780	1958	2136
			(-)TP	1	0.014	0.027	0.039	0.044	0.064	0.081	0.100	0.108
			NC	-	14	22	28	34	38	42	46	49
54 x 6 40 x 8 32 x 10	20 x 16 18 x 18	1.93	CFM	772	965	1158	1351	1544	1737	1930	2123	2316
			(-)TP	0.011	0.018	0.026	0.038	0.043	0.061	0.077	0.095	0.104
			NC	-	15	23	29	35	38	43	47	50
56 x 6 42 x 8 34 x 10	24 x 14 20 x 17	2.08	CFM	832	1040	1248	1456	1664	1872	2080	2288	2496
			(-)TP	0.010	0.017	0.025	0.037	0.042	0.058	0.073	0.090	0.100
			NC	-	16	24	30	35	39	44	48	51
60 x 6 46 x 8 36 x 10	30 x 12 26 x 14 20 x 18	2.42	CFM	968	1210	1452	1694	1936	2178	2420	2662	2904
			(-)TP	0.010	0.016	0.024	0.036	0.040	0.055	0.069	0.085	0.095
			NC	-	17	25	31	36	40	45	48	52
64 x 6 48 x 8 38 x 10 30 x 14	28 x 14 22 x 18 20 x 20	2.76	CFM	1104	1380	1656	1932	2208	2484	2760	3036	3312
			(-)TP	0.010	0.015	0.023	0.035	0.038	0.052	0.065	0.080	0.091
			NC	-	18	25	31	37	41	45	48	53
72 x 8 54 x 10 48 x 12 46 x 14	36 x 16 34 x 16 30 x 18 24 x 24	3.59	CFM	1436	1795	2154	2513	2872	3231	3590	3949	4308
			(-)TP	0.009	0.014	0.022	0.032	0.036	0.049	0.061	0.075	0.086
			NC	10	19	26	32	38	42	46	50	53
54 x 12 48 x 14 40 x 16 36 x 18	32 x 20 28 x 24	4.27	CFM	1708	2135	2562	2989	3412	3843	4270	4697	5124
			(-)TP	0.009	0.014	0.020	0.030	0.034	0.046	0.057	0.070	0.082
			NC	11	19	26	33	38	42	47	50	54
72 x 10 60 x 12 48 x 16	40 x 18 36 x 20 30 x 24	4.60	CFM	1840	2300	2760	3220	3680	4140	4600	5060	5520
			(-)TP	0.008	0.013	0.019	0.027	0.033	0.043	0.053	0.065	0.078
			NC	12	20	27	34	38	43	48	50	54
72 x 12 60 x 14 48 x 18	42 x 20 36 x 24	5.50	CFM	2200	2750	3300	3850	4400	4950	5500	6050	6600
			(-)TP	0.008	0.013	0.017	0.025	0.031	0.040	0.049	0.060	0.073
			NC	14	22	29	36	40	43	48	51	55

NC40

NC50

TP= NEGATIVE TOTAL PRESSURE, Inches Water Column.