

GRAI

Industrial aluminium return grille



Diffusion

Components
for perfect air
distribution in HVAC
systems



Product

GRAI

Application

Wall mounted, for outdoor air intake or exhaust

Construction

Anodized aluminium

SPECIFICATION

Industrial return grille with 45° inclined fixed blades pitch 50 mm

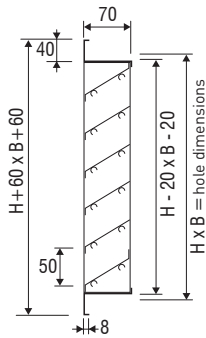
MOUNTING

With clips (front screws on request)

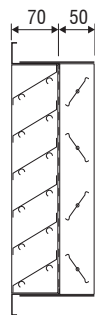
ACCESSORIES

SE2 Galvanized steel balancing damper with opposed-blade movement.
CTV2 Mounting sub-frame in galvanized steel sheet.
R/RI Bird or insect screen
SSA Gravity overpressure damper

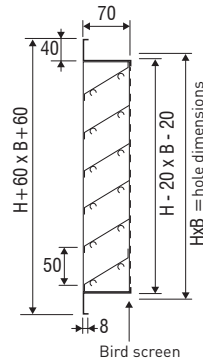
DRAWINGS



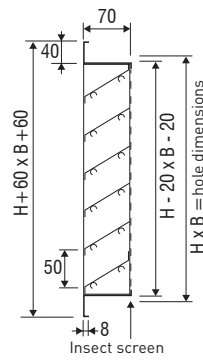
GRAI



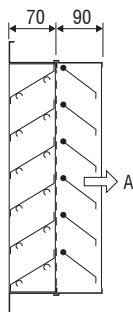
GRAI+SE2



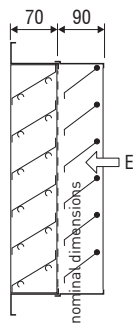
GRAI-R



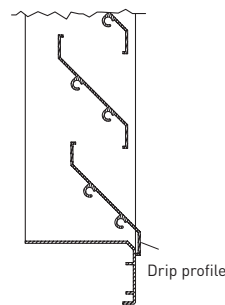
GRAI-R-I



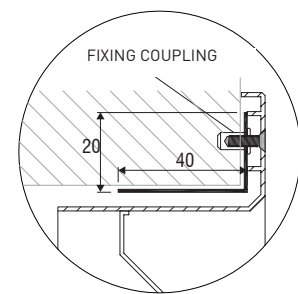
GRAI-R-SSA-I



GRAI-R-SSA-E



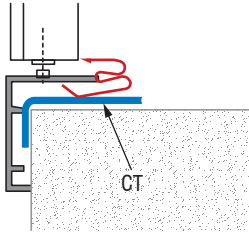
GRAI + TEG



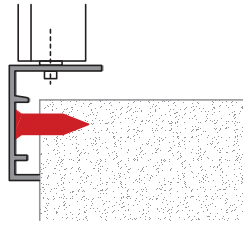
CTV2-GRAI

GRAI

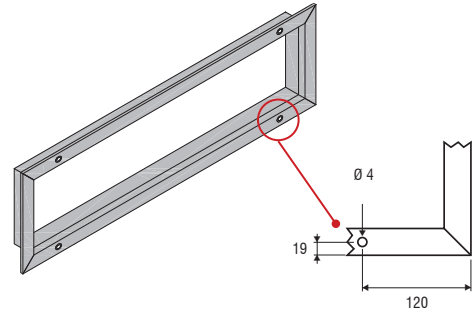
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Standard
CLIP MOUNTING



SCREW MOUNTING



HOLES

SELECTION TABLE

GRAI Model	A _t m ²	Q [m ³ /h]		L _{WA} [dB(A)]		Dpt [Pa]	
		min	max	min	max	min	max
400x400	0,0771	480	970	25	45	5	20
600x400	0,1153	720	1450	25	45	5	20
800x400	0,1535	960	1930	25	45	5	20
1000x400	0,1917	1200	2410	25	45	5	20
1200x400	0,2299	1440	2880	25	45	5	20
1400x400	0,2681	1670	3360	25	45	5	20
1600x400	0,3063	1910	3840	25	45	5	20
1800x400	0,3445	2150	4320	25	45	5	20
2000x400	0,3827	2390	4800	25	45	5	20
400x500	0,1068	670	1340	25	45	5	20
500x500	0,1335	830	1670	25	45	5	20
600x500	0,1602	1000	2010	25	45	5	20
800x500	0,2135	1330	2680	25	45	5	20
1000x500	0,2669	1670	3350	25	45	5	20
1200x500	0,3203	2000	4020	25	45	5	20
1400x500	0,3736	2330	4690	25	45	5	20
1600x500	0,4270	2670	5360	25	45	5	20
1800x500	0,4804	3000	6030	25	45	5	20
2000x500	0,5338	3330	6700	25	45	5	20
400x600	0,1365	850	1710	25	45	5	20
600x600	0,2050	1280	2570	25	45	5	20
800x600	0,2735	1710	3430	25	45	5	20
1000x600	0,3421	2140	4290	25	45	5	20
1200x600	0,4106	2560	5150	25	45	5	20
1400x600	0,4792	2990	6010	25	45	5	20
1600x600	0,5477	3420	6870	25	45	5	20
1800x600	0,6162	3850	7730	25	45	5	20
2000x600	0,6848	4270	8590	25	45	5	20



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GRAI Model	A _g m ²	Q [m ³ /h]		L _{wa} [dB(A)]		Dpt [Pa]	
		min	max	min	max	min	max
400x800	0,1958	1220	2460	25	45	5	20
600x800	0,2947	1840	3700	25	45	5	20
800x800	0,3936	2460	4940	25	45	5	20
1000x800	0,4924	3070	6180	25	45	5	20
1200x800	0,5913	3690	7420	25	45	5	20
1400x800	0,6902	4310	8660	25	45	5	20
1600x800	0,7890	4920	9900	25	45	5	20
1800x800	0,8879	5540	11140	25	45	5	20
2000x800	0,9868	6160	12380	25	45	5	20
400x1000	0,2552	1590	3200	25	45	5	20
600x1000	0,3844	2400	4820	25	45	5	20
800x1000	0,5136	3210	6440	25	45	5	20
1000x1000	0,6428	4010	8070	25	45	5	20
1200x1000	0,7720	4820	9690	25	45	5	20
1400x1000	0,9012	5620	11310	25	45	5	20
1600x1000	1,0304	6430	12930	25	45	5	20
1800x1000	1,1596	7240	14550	25	45	5	20
2000x1000	1,2888	8040	16170	25	45	5	20
400x1200	0,3146	1960	3950	25	45	5	20
600x1200	0,4741	2960	5950	25	45	5	20
800x1200	0,6336	3950	7950	25	45	5	20
1000x1200	0,7932	4950	9950	25	45	5	20
1200x1200	0,9527	5950	11950	25	45	5	20
1400x1200	1,1122	6940	13950	25	45	5	20
1600x1200	1,2718	7940	15960	25	45	5	20
1800x1200	1,4313	8930	17960	25	45	5	20
2000x1200	1,5908	9930	19960	25	45	5	20
400x1500	0,4036	2520	5060	25	45	5	20
600x1500	0,6086	3800	7640	25	45	5	20
800x1500	0,8137	5080	10210	25	45	5	20
1000x1500	1,0187	6360	12780	25	45	5	20
1200x1500	1,2237	7640	15350	25	45	5	20
1400x1500	1,4288	8920	17930	25	45	5	20
1600x1500	1,6338	10200	20500	25	45	5	20
1800x1500	1,8388	11480	23070	25	45	5	20
2000x1500	2,0439	12760	25640	25	45	5	20
2000x1600	2,1949	13700	27540	25	45	5	20
2000x2000	2,7989	17470	35120	25	45	5	20

QUICK SELECTION CHART

