

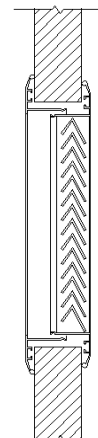
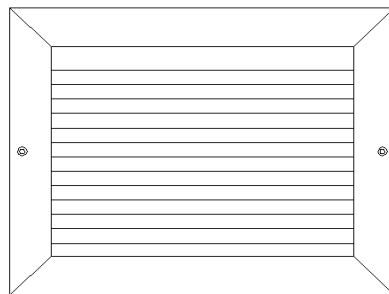
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GMC TRG-007 PRODUCT SPECIFICATIONS:

- Standard Material: Aluminum profile and Aluminum sheet. Optional: Stainless Steel.
- Used for providing air circulation between indoor neighbour places through walls or doors.
- Decorative appearance with frames on both sides. Minimum section width is 30 mm.
- Standard frame: Grilles with 22mm or 32mm frame.
- Mounted with 4 mm screws on frame with appropriate quantity.
- Eloxal, anodizing or electrostatic powder coating with the colour from RAL catalogue.



HVAC Systems and Equipments Co.
4640 Hedgcoxe Road 227 Plano, TX 75024 – US

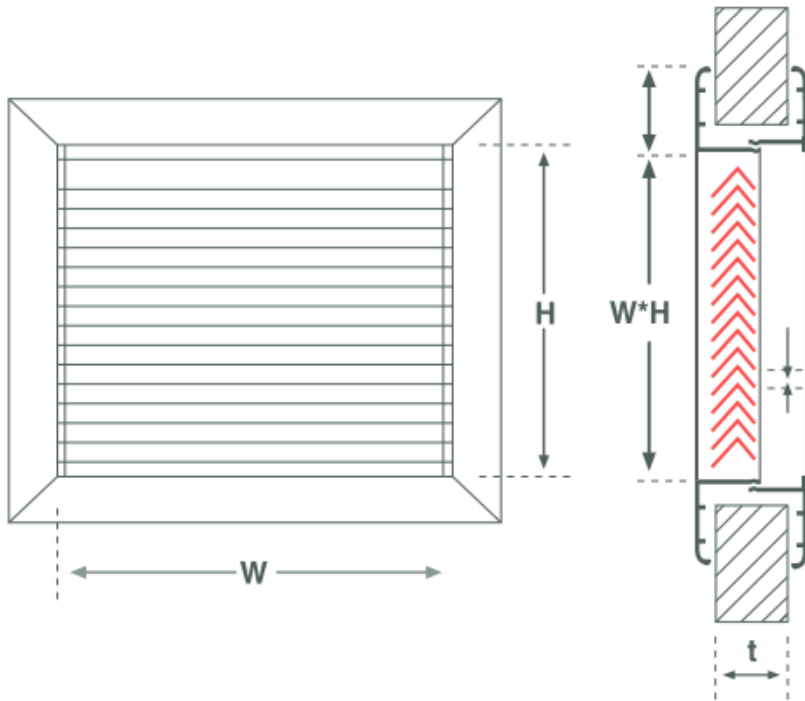
www.gmcair.com 

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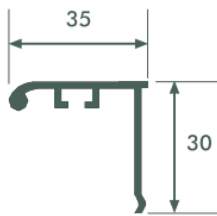
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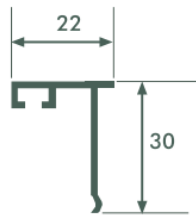
TECHNICAL DETAILS



Frame Types



Standart Frame



Norrown Frame

TRG-007, EFFECTIVE AREA TABLE (m²)

H/B	200	300	400	500	600	700	800	900	1000
100	0,005	0,008	0,011	0,014	0,017	0,019	0,022	0,025	0,028
150	0,008	0,013	0,018	0,022	0,027	0,032	0,036	0,041	0,046
200	0,012	0,018	0,024	0,031	0,037	0,044	0,050	0,057	0,063
250	0,015	0,023	0,031	0,039	0,048	0,056	0,064	0,072	0,081
300	0,018	0,028	0,038	0,048	0,058	0,068	0,078	0,088	0,098
350	0,021	0,033	0,045	0,057	0,068	0,080	0,092	0,104	0,116
400	0,024	0,038	0,052	0,065	0,079	0,092	0,106	0,119	0,133



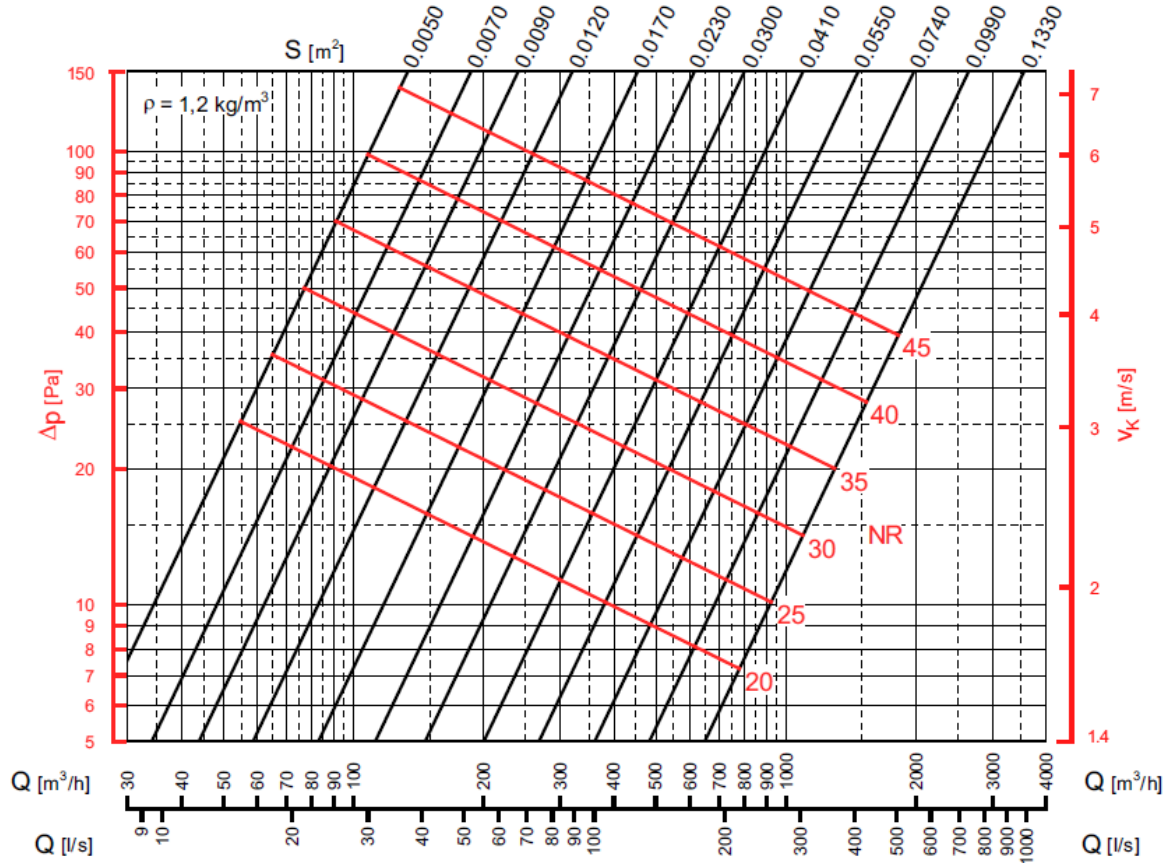
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DATA DIAGRAM

TRG-007, PRESSURE DROP AND NOISE LEVELS



- Q [m³/h] supply air flow rate
- S [m²] effective outlet area
- v_k [m/s] velocity relating to the effective outlet area S
- Δp [Pa] total pressure loss
- NR noise rating (ISO standard, in relation to 10^{-12} W)



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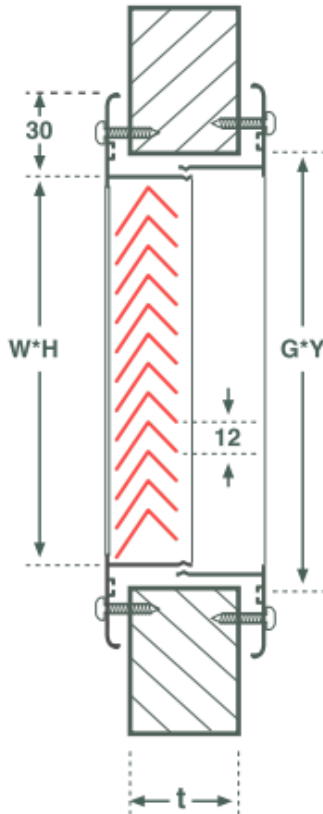


MOUNTING DETAILS

SCREW MOUNTING

Minimum Door Thickness $t = 30$ mm
Maximum Door Thickness $t = 70$ mm

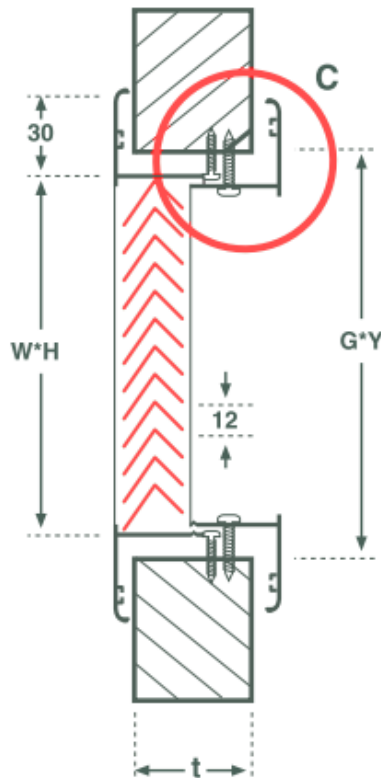
$$G = W + 10 \text{ mm} \quad Y = H + 10 \text{ mm}$$



HIDDEN SCREW MOUNTING

Minimum Door Thickness $t = 40$ mm
Maximum Door Thickness $t = 70$ mm

$$G = W + 15 \text{ mm} \quad Y = H + 15 \text{ mm}$$



Section C

