



# GRI100

---

**Eigenschaften:** Industrielle Abluftgitter mit festen, um 45° geneigten Lamellen Abstand 100 mm.

**Konstruktion:** verzinkter Stahl. Auf Anfrage sind Konstruktionen aus Edelstahl AISI 304 in den Ausführungen 2B oder BA erhältlich.

**Verwendung:** an der Wand, für Außenlufteinlass oder Ausstoß.

**Befestigung:** mit frontalen Schrauben.

**Zubehöre:**

- Mengeregulierung aus verzinktem Stahl mit Lamellen mit gegenläufiger Bewegung.
- Einbaurahmen aus verzinktem Stahlblech.
- Vogelschutznetz.
- Überdruckklappe durch Schwerkraft.

**Characteristics:** industrial return air grilles with fixed and 45° inclined bars 100 mm pitch.

**Finishing:** galvanized steel. Models made of stainless steel AISI 304, 2B or BA finish, are available on demand.

**Utilization:** for wall installation and for external air intake or exhaust air flow.

**Fixing:** by using frontal screws.

**Accessories:**

- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframes made of galvanized steel sheet.
- Bird screen.

## MODELLE | MODELS

|                  |                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GRI100</b>    | Abluftgitter Abstand 100 mm aus Stahl   Steel return grille (100 mm between bars)                                                                                                   |
| <b>GRI100R</b>   | Abluftgitter Abstand 100 mm aus Stahl mit Vogelschutznetz   Steel return grille (100 mm between bars) with bird mesh                                                                |
| <b>GRI100RZ</b>  | Abluftgitter Abstand 100 mm aus Stahl mit Insektenschutzgitter (Moskitonetz)<br>Steel return grille (100 mm between bars) with insect screen                                        |
| <b>GRI100RSS</b> | Abluftgitter Abstand 100 mm aus Stahl mit Vogelschutznetz und Überdruckklappe durch Schwerkraft<br>Steel return grille (100 mm between bars) with bird mesh and overpressure damper |

## AUSFÜHRUNGEN AUF ANFRAGE | AVAILABLE ON REQUEST

Gitter komplett mit Regenpfanne +TEG +5% ERH. | Grille with rain-proof panel +TEG +5% INCREASE

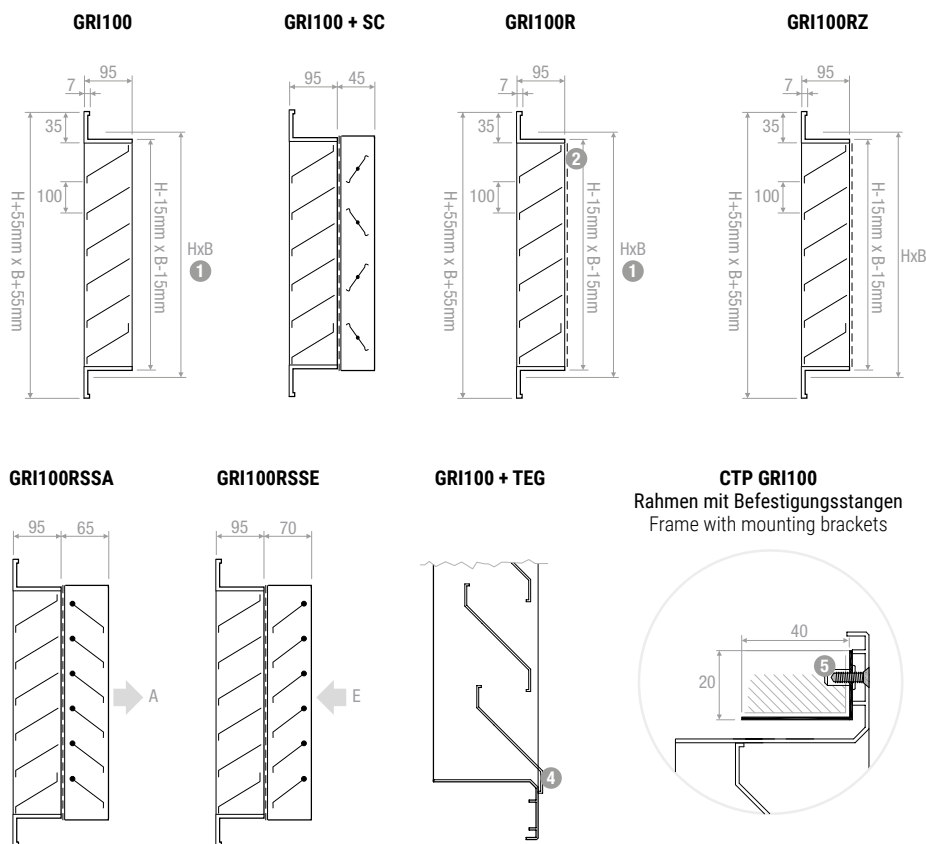
## ZUBEHÖRE | ACCESSORIES

|            |                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------|
| <b>SC</b>  | Mengeregulierung mit Lamellen mit gegenläufiger Bewegung   Opposed blade damper                                |
| <b>CTP</b> | Gegenrahmen zur Befestigung aus verzinktem Stahlblech   Counterframe in galvanised steel sheet profile section |
| <b>PBZ</b> | Anschlusskasten   Connecting plenum                                                                            |

## LACKIERUNG | PAINTING

Farben RAL 9016 matt, RAL 9010 glänzend: + 15% - Weitere RAL-Farben: Preise auf Anfrage  
Color RAL 9016 matt, RAL 9010 glossy: + 15% - Different RAL colors: prices on request

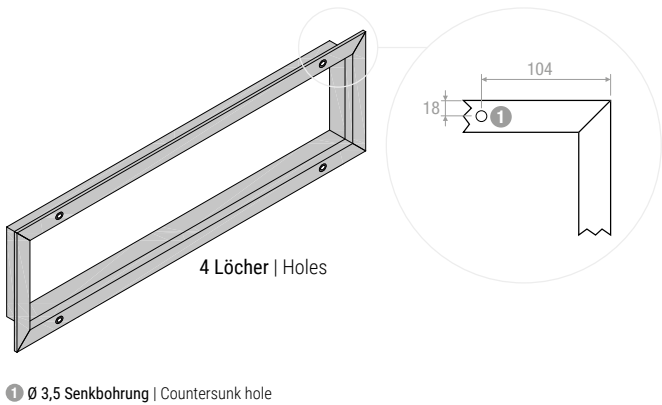
## ZEICHNUNGEN | DRAWINGS



- ① Lochabmessungen | Hole dimension
- ② Vogelschutznetz | Bird mesh
- ③ Moskitonetz | Insect screen
- ④ Regenpfanne Preiserhöhung 5% | Rain lip price increase 5%
- ⑤ Befestigungskupplung | Fixing coupling

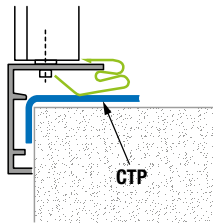
GRI100

LÖCHER | HOLE

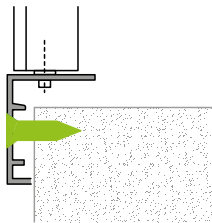


ART DER BEFESTIGUNG | TYPE OF FIXING

Befestigung mit Clips  
Fixing with clips



Befestigung mit Schrauben  
Fixing with screws



STANDARD

## AUSWAHLTABELLE | TECHNICAL DATA

| Modell   Model   | A <sub>k</sub> [m²] | Q [m³/h] |       | L <sub>WA</sub> [dB(A)] |     | Dp <sub>t</sub> [Pa] |     |
|------------------|---------------------|----------|-------|-------------------------|-----|----------------------|-----|
|                  |                     | min      | max   | min                     | max | min                  | max |
| GRI100 600x600   | 0,1980              | 1240     | 2480  | 25                      | 45  | 5                    | 20  |
| GRI100 800x600   | 0,2744              | 1710     | 3440  | 25                      | 45  | 5                    | 20  |
| GRI100 1000x600  | 0,3509              | 2190     | 4400  | 25                      | 45  | 5                    | 20  |
| GRI100 1200x600  | 0,4273              | 2670     | 5360  | 25                      | 45  | 5                    | 20  |
| GRI100 1400x600  | 0,5037              | 3140     | 6320  | 25                      | 45  | 5                    | 20  |
| GRI100 1600x600  | 0,5801              | 3620     | 7280  | 25                      | 45  | 5                    | 20  |
| GRI100 1800x600  | 0,6565              | 4100     | 8240  | 25                      | 45  | 5                    | 20  |
| GRI100 2000x600  | 0,7330              | 4570     | 9200  | 25                      | 45  | 5                    | 20  |
| GRI100 600x800   | 0,2793              | 1740     | 3500  | 25                      | 45  | 5                    | 20  |
| GRI100 800x800   | 0,3857              | 2410     | 4840  | 25                      | 45  | 5                    | 20  |
| GRI100 1000x800  | 0,4921              | 3070     | 6170  | 25                      | 45  | 5                    | 20  |
| GRI100 1200x800  | 0,5985              | 3740     | 7510  | 25                      | 45  | 5                    | 20  |
| GRI100 1400x800  | 0,7049              | 4400     | 8840  | 25                      | 45  | 5                    | 20  |
| GRI100 1600x800  | 0,8113              | 5060     | 10180 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x800  | 0,9177              | 5730     | 11510 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x800  | 1,0241              | 6390     | 12850 | 25                      | 45  | 5                    | 20  |
| GRI100 600x1000  | 0,3605              | 2250     | 4520  | 25                      | 45  | 5                    | 20  |
| GRI100 800x1000  | 0,4969              | 3100     | 6230  | 25                      | 45  | 5                    | 20  |
| GRI100 1000x1000 | 0,6333              | 3950     | 7950  | 25                      | 45  | 5                    | 20  |
| GRI100 1200x1000 | 0,7697              | 4800     | 9660  | 25                      | 45  | 5                    | 20  |
| GRI100 1400x1000 | 0,9061              | 5660     | 11370 | 25                      | 45  | 5                    | 20  |
| GRI100 1600x1000 | 1,0424              | 6510     | 13080 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x1000 | 1,1788              | 7360     | 14790 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x1000 | 1,3152              | 8210     | 16500 | 25                      | 45  | 5                    | 20  |
| GRI100 600x1200  | 0,4418              | 2760     | 5540  | 25                      | 45  | 5                    | 20  |
| GRI100 800x1200  | 0,6082              | 3800     | 7630  | 25                      | 45  | 5                    | 20  |
| GRI100 1000x1200 | 0,7745              | 4830     | 9720  | 25                      | 45  | 5                    | 20  |
| GRI100 1200x1200 | 0,9409              | 5870     | 11810 | 25                      | 45  | 5                    | 20  |
| GRI100 1400x1200 | 1,1072              | 6910     | 13890 | 25                      | 45  | 5                    | 20  |
| GRI100 1600x1200 | 1,2736              | 7950     | 15980 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x1200 | 1,4400              | 8990     | 18070 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x1200 | 1,6063              | 10030    | 20150 | 25                      | 45  | 5                    | 20  |
| GRI100 600x1400  | 0,5231              | 3260     | 6560  | 25                      | 45  | 5                    | 20  |
| GRI100 800x1400  | 0,7194              | 4490     | 9030  | 25                      | 45  | 5                    | 20  |
| GRI100 1000x1400 | 0,9157              | 5720     | 11490 | 25                      | 45  | 5                    | 20  |
| GRI100 1200x1400 | 1,1121              | 6940     | 13950 | 25                      | 45  | 5                    | 20  |
| GRI100 1400x1400 | 1,3084              | 8170     | 16420 | 25                      | 45  | 5                    | 20  |
| GRI100 1600x1400 | 1,5048              | 9390     | 18880 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x1400 | 1,7011              | 10620    | 21340 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x1400 | 1,8974              | 11840    | 23810 | 25                      | 45  | 5                    | 20  |
| GRI100 600x1600  | 0,6043              | 3770     | 7580  | 25                      | 45  | 5                    | 20  |
| GRI100 800x1600  | 0,8306              | 5180     | 10420 | 25                      | 45  | 5                    | 20  |
| GRI100 1000x1600 | 1,0570              | 6600     | 13260 | 25                      | 45  | 5                    | 20  |
| GRI100 1200x1600 | 1,2833              | 8010     | 16100 | 25                      | 45  | 5                    | 20  |
| GRI100 1400x1600 | 1,5096              | 9420     | 18940 | 25                      | 45  | 5                    | 20  |
| GRI100 1600x1600 | 1,7359              | 10830    | 21780 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x1600 | 1,9622              | 12250    | 24620 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x1600 | 2,1886              | 13660    | 27460 | 25                      | 45  | 5                    | 20  |
| GRI100 600x1800  | 0,6856              | 4280     | 8600  | 25                      | 45  | 5                    | 20  |
| GRI100 800x1800  | 0,9419              | 5880     | 11820 | 25                      | 45  | 5                    | 20  |
| GRI100 1000x1800 | 1,1982              | 7480     | 15030 | 25                      | 45  | 5                    | 20  |
| GRI100 1200x1800 | 1,4545              | 9080     | 18250 | 25                      | 45  | 5                    | 20  |
| GRI100 1400x1800 | 1,7108              | 10680    | 21460 | 25                      | 45  | 5                    | 20  |
| GRI100 1600x1800 | 1,9671              | 12280    | 24680 | 25                      | 45  | 5                    | 20  |
| GRI100 1800x1800 | 2,2234              | 13880    | 27900 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x1800 | 2,4797              | 15480    | 31110 | 25                      | 45  | 5                    | 20  |
| GRI100 2000x2000 | 2,7708              | 17290    | 34760 | 25                      | 45  | 5                    | 20  |

# GRI100

## PREISE | PRICES

GRI

|           |  |  |  |  |  |  |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| BxH       | GRI100                                                                            | GRI100R                                                                           | GRI100RZ                                                                          | GRI100RSS                                                                           | SC                                                                                  | CTP                                                                                 |
| mm        | €                                                                                 | €                                                                                 | €                                                                                 | €                                                                                   | €                                                                                   | €                                                                                   |
| 600x600   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x600   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 600x800   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x800   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 600x1000  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x1000  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x1000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 600x1200  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x1200  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x1200 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 600x1400  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x1400  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x1400 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

|           |  |  |  |  |  |  |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| BxH       | GRI100                                                                            | GRI100R                                                                           | GRI100RZ                                                                          | GRI100RSS                                                                           | SC                                                                                  | CTP                                                                                 |
| mm        | €                                                                                 | €                                                                                 | €                                                                                 | €                                                                                   | €                                                                                   | €                                                                                   |
| 600x1600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x1600  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x1600 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 600x1800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 800x1800  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1000x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1200x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1400x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1600x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 1800x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x1800 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| 2000x2000 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

• Zwischenverstärkung | Intermediate reinforcing