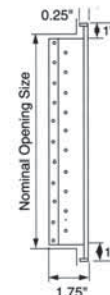
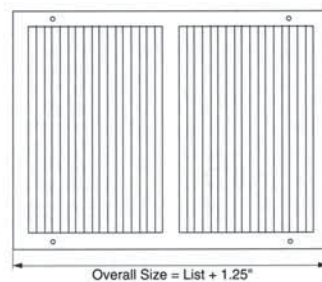
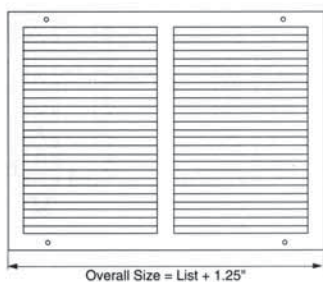


Pressed steel grilles

By Express-Air

A range of flush mounted, non vision grilles and registers pressed out of sheet steel for doors, partitions or wall mounted. Designed for air replacement with intumescent fire blocks or warm air ventilation systems. Sizes available from 100mm to 600mm with 50mm increments on length or height. Standard finish is either White RAL 9010 or Silver, with other colour options available on request i.e Black. Free area approx 78%.

| Free Area M2 | Nominal Size mm | Vel m/s Pa | 1 | 1,5 | 2 | 2,5 | 3 |
|--------------|-----------------|-------------------|-------|--------|-------|--------|-------|
| | | | 3 | 7 | 10 | 15 | 20 |
| 0,017 | 150 x 150 | m ³ /s | 0,02 | 0,032 | 0,040 | 0,051 | 0,062 |
| | 200 x 100 | NR | - | - | - | - | 19 |
| 0,031 | 200 x 200 | m ³ /s | 0,042 | 0,060 | 0,076 | 0,099 | 0,150 |
| | 250 x 150 | NR | - | - | - | - | 19 |
| 0,049 | 250 x 250 | m ³ /s | 0,065 | 0,100 | 0,127 | 0,160 | 0,190 |
| | 300 x 200 | NR | - | - | - | - | 19 |
| 0,07 | 300 x 300 | m ³ /s | 0,09 | 0,140 | 0,184 | 0,225 | 0,280 |
| | 450 x 200 | NR | - | - | - | - | 22 |
| 0,096 | 350 x 350 | m ³ /s | 0,125 | 0,180 | 0,250 | 0,310 | 0,380 |
| | 500 x 250 | NR | - | - | - | 17 | 23 |
| 0,125 | 400 x 400 | m ³ /s | 0,16 | 0,250 | 0,325 | 0,410 | 0,500 |
| | 450 x 300 | NR | - | - | - | 17 | 25 |
| 0,16 | 450 x 450 | m ³ /s | 0,2 | 0,310 | 0,410 | 0,520 | 0,620 |
| | 600 x 350 | NR | - | - | 17 | 21 | 27 |
| 0,2 | 500 x 500 | m ³ /s | 0,25 | 0,385 | 0,510 | 0,650 | 0,775 |
| | 600 x 400 | NR | - | 16 | 21 | 25 | 30 |
| 0,236 | 550 x 550 | m ³ /s | 0,236 | 0,354 | 0,472 | 0,590 | 0,708 |
| | 600 x 500 | NR | - | 18 | 23 | 26 | 35 |
| 0,281 | 600 x 600 | m ³ /s | 0,281 | 0,4215 | 0,562 | 0,7025 | 0,843 |
| | 700 x 550 | NR | - | 22 | 26 | 32 | 37 |



How to Order

| | PSG300300S | PSR450300W |
|---------------|----------------------------|-------------------------------|
| Type | PSG = Pressed Steel Grille | PSR = Pressed Steel Register |
| Size | 300300 = 300 x 300 | 450300 = 450 x 300 |
| Finish | S = Satin Anodised | W = White (or state RAL code) |



For intumescent fire blocks see page 104