



## PRESSED GRILLS

## KB SERIES

### OVERVIEW TECHNICAL CHARACTERISTICS

#### OVERVIEW

The KB series pressed grills are suitable for ventilation, conditioning, and heating system applications. They are used for both inlets and outlets in large areas, parking garages, and domestic installations. The fins are fixed and parallel to the base, and all are aligned in the same direction.

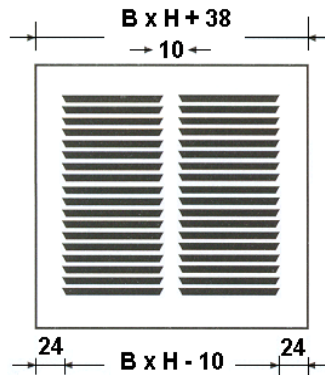
#### MATERIAL AND FINISH

They are made of pressed steel and are painted RAL 9006 (specific colours upon request).

#### FIXING SYSTEM

Screws are used to fix these units.

#### CONSTRUCTION DRAWING



#### PERFORMANCE

Effective cross-section  $A_k$  [m<sup>2</sup>]

| B \ H | 100   | 150   | 200   | 250   | 300   |
|-------|-------|-------|-------|-------|-------|
| 100   | 0,007 |       |       |       |       |
| 150   | 0,011 | 0,017 |       |       |       |
| 200   | 0,014 | 0,023 | 0,029 |       |       |
| 300   | 0,021 | 0,033 | 0,043 |       | 0,065 |
| 400   | 0,029 | 0,044 | 0,058 | 0,073 | 0,087 |
| 500   | 0,036 | 0,055 | 0,073 | 0,091 | 0,109 |
| 600   | 0,045 | 0,07  | 0,095 | 0,121 | 0,146 |

Airflow characteristics

|                  |    |    |    |    |    |    |    |    |
|------------------|----|----|----|----|----|----|----|----|
| $V_k$ [m/s]      | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| $\Delta p$ [Pa]  | 3  | 7  | 11 | 15 | 20 | 26 | 32 | 41 |
| $L_{WA}$ [dB(A)] | 20 | 25 | 30 | 35 | 40 | 45 | 48 | 50 |

