

# DOOR TRANSFER GRILLE

**BALAJI AIRVENT**  
P R O D U C T S

Model No. AVDGA

Model No. AVDGV



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| Nominal Dimensions<br>(B x H) mm | Air Flow Rate (m <sup>3</sup> /h) at effective velocity (m/s) |       |       |       |       |
|----------------------------------|---------------------------------------------------------------|-------|-------|-------|-------|
|                                  | 0.8                                                           | 1     | 1.2   | 1.5   | 2     |
| 300 x 95                         | 66                                                            | 82    | 100   | 125   | 166   |
| 400 x 95                         | 86                                                            | 110   | 130   | 165   | 216   |
| 500 x 95                         | 110                                                           | 136   | 165   | 205   | 275   |
| 600 x 95                         | 135                                                           | 170   | 205   | 255   | 338   |
| 300 x 130                        | 90                                                            | 112   | 135   | 167   | 225   |
| 400 x 130                        | 121                                                           | 151   | 182   | 277   | 30    |
| 500 x 130                        | 160                                                           | 200   | 240   | 300   | 40    |
| 600 x 130                        | 190                                                           | 240   | 285   | 360   | 475   |
| 300 x 145                        | 100                                                           | 126   | 152   | 190   | 255   |
| 400 x 145                        | 142                                                           | 180   | 212   | 265   | 355   |
| 500 x 145                        | 180                                                           | 225   | 270   | 335   | 446   |
| 600 x 145                        | 220                                                           | 275   | 330   | 410   | 550   |
| 400 x 180                        | 175                                                           | 220   | 265   | 330   | 440   |
| 500 x 180                        | 225                                                           | 280   | 340   | 421   | 562   |
| 600 x 180                        | 280                                                           | 350   | 420   | 525   | 700   |
| 500 x 215                        | 280                                                           | 350   | 420   | 525   | 700   |
| 600 x 215                        | 280                                                           | 350   | 500   | 627   | 840   |
| 600 x 265                        | 420                                                           | 525   | 627   | 785   | 1045  |
| 600 x 300                        | 475                                                           | 590   | 710   | 885   | 1180  |
| 600 x 350                        | 550                                                           | 690   | 825   | 1032  | 137   |
| 600 x 400                        | 630                                                           | 785   | 942   | 1177  | 1570  |
| Pressure drop (pa)               | 5                                                             | 7     | 11    | 15    | 21    |
| Sound level (NC)                 | 20-25                                                         | 25-30 | 30-35 | 35-40 | 40-45 |

- Static pressure loss across the diffuser in mm of H<sub>2</sub>O.
- Noise criteria (NC) is based on room attenuation of 10db