

## Characteristics

Rectangular variable air volume control dampers enable the regulation of supply or exhaust air volume in ventilation systems. They consist of a casing made of galvanized steel sheet, aluminium blades, a measuring device and electric actuator. The actuator rotates the flap, which is provided with a rubber seal. Depending on project requirements the damper can be controlled via temperature sensors, air flow sensors or pressure sensors placed in a room or ventilation ducts. Differential measurement values are sent from a measuring device to the motor actuator where they are compared with the reference signal. Depending on a signal difference, the actuator closes or opens therefore ensuring optimal air volume in the room.

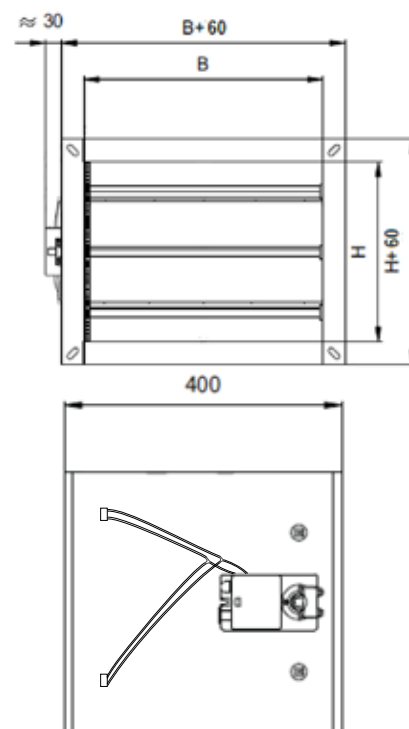
Each unit is exactly parameterised according to customer's specifications.

There are two types of units available. With a single blade (RPE-Q) for smaller dimensions (up to 800x300 mm) and with multiple blades (RPE-QJ) for bigger dimensions.

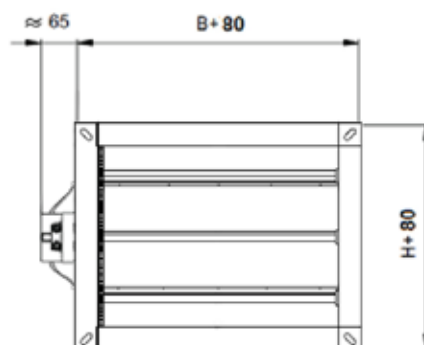
| SYMBOL | DESCRIPTION                      |
|--------|----------------------------------|
| $D_p$  | Pressure drop [PA]               |
| $Q$    | Airflow rate [m <sup>3</sup> /h] |
| $L_w$  | Sound power level [dB(A)]        |

## Dimensions

Without insulation



With insulation



## RPE-Q



## RPE-QJ

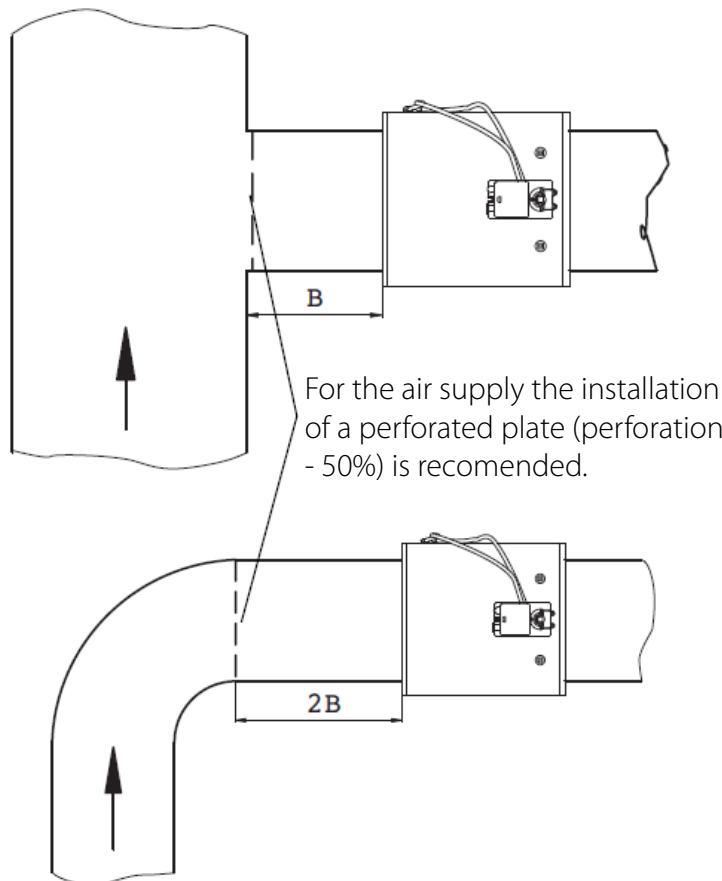


## Dimensions, effective areas, Air flow (max. and min.)

| B [mm] | H [mm] | A <sub>ef</sub> [mm] | V <sub>min</sub> [m <sup>3</sup> /h] | V <sub>max</sub> [m <sup>3</sup> /h] |
|--------|--------|----------------------|--------------------------------------|--------------------------------------|
| 200    | 100    | 0,0170               | 144                                  | 720                                  |
| 300    | 100    | 0,0255               | 216                                  | 1080                                 |
| 400    | 100    | 0,0340               | 288                                  | 1440                                 |
| 500    | 100    | 0,0425               | 360                                  | 1800                                 |
| 600    | 100    | 0,0510               | 432                                  | 2160                                 |
| 200    | 200    | 0,0340               | 288                                  | 1440                                 |
| 300    | 200    | 0,0510               | 432                                  | 2160                                 |
| 400    | 200    | 0,0680               | 576                                  | 2880                                 |
| 500    | 200    | 0,0850               | 720                                  | 3600                                 |
| 600    | 200    | 0,1020               | 864                                  | 4320                                 |
| 700    | 200    | 0,1190               | 1008                                 | 5040                                 |
| 800    | 200    | 0,1360               | 1152                                 | 5760                                 |
| 300    | 300    | 0,0765               | 648                                  | 3240                                 |
| 400    | 300    | 0,1020               | 864                                  | 4320                                 |
| 500    | 300    | 0,1275               | 1080                                 | 5400                                 |
| 600    | 300    | 0,1530               | 1296                                 | 6480                                 |
| 700    | 300    | 0,1785               | 1512                                 | 7560                                 |
| 800    | 300    | 0,1530               | 1728                                 | 8640                                 |
| 900    | 300    | 0,1785               | 1944                                 | 9720                                 |
| 1000   | 300    | 0,2040               | 2160                                 | 10800                                |
| 400    | 400    | 0,2295               | 1152                                 | 5760                                 |
| 500    | 400    | 0,2550               | 1440                                 | 7200                                 |
| 600    | 400    | 0,1360               | 1728                                 | 8640                                 |
| 700    | 400    | 0,1700               | 2016                                 | 10080                                |
| 800    | 400    | 0,2040               | 2304                                 | 11520                                |

| B [mm] | H [mm] | A <sub>ef</sub> [mm] | V <sub>min</sub> [m <sup>3</sup> /h] | V <sub>max</sub> [m <sup>3</sup> /h] |
|--------|--------|----------------------|--------------------------------------|--------------------------------------|
| 900    | 400    | 0,2380               | 2592                                 | 12960                                |
| 200    | 500    | 0,0850               | 720                                  | 3600                                 |
| 300    | 500    | 0,1275               | 1080                                 | 5400                                 |
| 400    | 500    | 0,1700               | 1440                                 | 7200                                 |
| 500    | 500    | 0,2125               | 1800                                 | 9000                                 |
| 600    | 500    | 0,2550               | 2160                                 | 10800                                |
| 700    | 500    | 0,2975               | 2520                                 | 12600                                |
| 800    | 500    | 0,3400               | 2880                                 | 14400                                |
| 900    | 500    | 0,3825               | 3240                                 | 16200                                |
| 1000   | 500    | 0,4250               | 3600                                 | 18000                                |
| 600    | 600    | 0,3060               | 2592                                 | 12960                                |
| 700    | 600    | 0,3570               | 3024                                 | 15120                                |
| 800    | 600    | 0,4080               | 3456                                 | 17280                                |
| 900    | 600    | 0,4590               | 3888                                 | 19440                                |
| 1000   | 600    | 0,5100               | 4320                                 | 21600                                |
| 700    | 700    | 0,4165               | 3528                                 | 17640                                |
| 800    | 700    | 0,4760               | 4032                                 | 20160                                |
| 900    | 700    | 0,5355               | 4536                                 | 22680                                |
| 1000   | 700    | 0,5950               | 5040                                 | 25200                                |
| 800    | 800    | 0,5440               | 4608                                 | 23040                                |
| 900    | 800    | 0,6120               | 5184                                 | 25920                                |
| 1000   | 800    | 0,6800               | 5760                                 | 28800                                |
| 900    | 900    | 0,6885               | 5832                                 | 29160                                |
| 1000   | 900    | 0,7650               | 6480                                 | 32400                                |
| 1000   | 1000   | 0,8500               | 7200                                 | 36000                                |

### Installation rules:



Generated noise:  $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$    |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|-----------------------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880                  | 66                        | 60     | 59     | 52     | 55      | 58      | 52      | 50      | 45     | 68                        | 65     | 63     | 56     | 58      | 65      | 59      | 58      | 50     |
|            | 5760                  | 71                        | 66     | 61     | 53     | 56      | 59      | 55      | 51      | 46     | 73                        | 69     | 66     | 60     | 61      | 65      | 61      | 59      | 51     |
|            | 11520                 | 79                        | 75     | 69     | 56     | 58      | 63      | 59      | 56      | 47     | 81                        | 78     | 73     | 64     | 64      | 67      | 65      | 63      | 52     |
|            | 14400                 | 82                        | 77     | 71     | 58     | 59      | 64      | 59      | 57      | 47     | 84                        | 81     | 76     | 66     | 65      | 68      | 66      | 64      | 52     |
| 1000x600   | 4320                  | 69                        | 62     | 61     | 52     | 54      | 61      | 53      | 52      | 45     | 70                        | 66     | 65     | 58     | 59      | 65      | 62      | 59      | 50     |
|            | 8640                  | 73                        | 68     | 63     | 54     | 56      | 62      | 55      | 54      | 45     | 74                        | 72     | 67     | 61     | 62      | 68      | 62      | 59      | 51     |
|            | 17280                 | 82                        | 76     | 70     | 58     | 59      | 65      | 60      | 59      | 47     | 82                        | 80     | 76     | 66     | 65      | 69      | 66      | 64      | 52     |
|            | 21600                 | 86                        | 79     | 73     | 59     | 60      | 65      | 62      | 59      | 47     | 86                        | 84     | 79     | 66     | 65      | 69      | 67      | 65      | 52     |
| 1000x800   | 5760                  | 69                        | 65     | 62     | 52     | 56      | 61      | 54      | 52      | 45     | 71                        | 67     | 66     | 59     | 61      | 66      | 62      | 59      | 50     |
|            | 11520                 | 75                        | 68     | 65     | 55     | 56      | 63      | 56      | 54      | 45     | 76                        | 72     | 71     | 62     | 63      | 68      | 62      | 61      | 51     |
|            | 23040                 | 84                        | 77     | 72     | 58     | 59      | 66      | 61      | 59      | 46     | 83                        | 82     | 78     | 66     | 65      | 71      | 66      | 65      | 52     |
|            | 28800                 | 86                        | 82     | 73     | 59     | 61      | 67      | 62      | 61      | 47     | 86                        | 85     | 79     | 68     | 66      | 70      | 68      | 66      | 52     |
| 1000x1000  | 7200                  | 71                        | 65     | 62     | 54     | 55      | 62      | 53      | 55      | 45     | 72                        | 69     | 67     | 61     | 62      | 67      | 62      | 59      | 50     |
|            | 14400                 | 77                        | 69     | 67     | 55     | 57      | 63      | 58      | 56      | 45     | 77                        | 74     | 71     | 63     | 64      | 69      | 64      | 62      | 51     |
|            | 28800                 | 85                        | 78     | 73     | 59     | 61      | 67      | 61      | 61      | 46     | 86                        | 83     | 79     | 66     | 66      | 72      | 67      | 65      | 52     |
|            | 36000                 | 87                        | 83     | 76     | 59     | 61      | 68      | 63      | 62      | 47     | 88                        | 86     | 82     | 68     | 67      | 71      | 68      | 66      | 52     |
| 800x200    | 1152                  | 61                        | 56     | 54     | 49     | 53      | 55      | 49      | 45      | 46     | 62                        | 60     | 57     | 56     | 58      | 61      | 57      | 54      | 52     |
|            | 2304                  | 65                        | 61     | 56     | 51     | 54      | 56      | 51      | 48      | 46     | 67                        | 64     | 61     | 57     | 59      | 62      | 58      | 55      | 52     |
|            | 4608                  | 74                        | 71     | 64     | 54     | 57      | 58      | 55      | 52      | 47     | 75                        | 73     | 67     | 62     | 63      | 64      | 62      | 58      | 53     |
|            | 5760                  | 77                        | 73     | 66     | 56     | 59      | 60      | 57      | 53      | 48     | 78                        | 75     | 71     | 63     | 63      | 65      | 62      | 60      | 53     |
| 800x400    | 2304                  | 65                        | 59     | 56     | 51     | 53      | 58      | 52      | 49      | 45     | 67                        | 62     | 60     | 57     | 58      | 63      | 59      | 55      | 51     |
|            | 4608                  | 69                        | 65     | 60     | 52     | 56      | 59      | 54      | 51      | 46     | 71                        | 67     | 65     | 59     | 61      | 64      | 60      | 58      | 52     |
|            | 9216                  | 77                        | 74     | 68     | 56     | 58      | 62      | 57      | 56      | 49     | 79                        | 76     | 72     | 64     | 64      | 66      | 63      | 62      | 52     |
|            | 11520                 | 81                        | 76     | 69     | 57     | 60      | 63      | 59      | 56      | 48     | 82                        | 79     | 75     | 66     | 65      | 67      | 65      | 63      | 52     |
| 800x600    | 3456                  | 66                        | 61     | 59     | 51     | 55      | 59      | 53      | 50      | 45     | 68                        | 64     | 63     | 58     | 59      | 64      | 61      | 57      | 51     |
|            | 6912                  | 72                        | 66     | 63     | 54     | 56      | 60      | 55      | 53      | 46     | 73                        | 69     | 67     | 61     | 62      | 66      | 62      | 59      | 52     |
|            | 13824                 | 81                        | 76     | 69     | 56     | 60      | 64      | 58      | 57      | 47     | 81                        | 78     | 75     | 66     | 64      | 69      | 65      | 63      | 52     |
|            | 17280                 | 83                        | 78     | 72     | 58     | 61      | 63      | 60      | 59      | 47     | 84                        | 82     | 77     | 67     | 66      | 68      | 66      | 65      | 52     |
| 800x800    | 4608                  | 67                        | 63     | 61     | 51     | 55      | 61      | 53      | 51      | 45     | 71                        | 66     | 65     | 58     | 59      | 65      | 61      | 58      | 50     |
|            | 9216                  | 73                        | 67     | 65     | 54     | 56      | 61      | 55      | 54      | 45     | 75                        | 71     | 69     | 61     | 62      | 68      | 62      | 59      | 51     |
|            | 18432                 | 82                        | 76     | 72     | 57     | 58      | 65      | 60      | 59      | 46     | 83                        | 81     | 76     | 66     | 65      | 69      | 65      | 64      | 52     |
|            | 23040                 | 85                        | 81     | 74     | 58     | 59      | 66      | 61      | 59      | 47     | 86                        | 83     | 78     | 67     | 66      | 69      | 66      | 65      | 52     |
| 600x600    | 2592                  | 64                        | 60     | 57     | 51     | 53      | 59      | 52      | 48      | 45     | 67                        | 63     | 61     | 57     | 58      | 63      | 59      | 57      | 51     |
|            | 5184                  | 69                        | 65     | 61     | 54     | 55      | 60      | 54      | 51      | 46     | 72                        | 68     | 65     | 59     | 61      | 56      | 61      | 58      | 52     |
|            | 10368                 | 78                        | 75     | 68     | 56     | 59      | 63      | 57      | 55      | 47     | 79                        | 78     | 73     | 64     | 63      | 68      | 64      | 62      | 52     |
|            | 12960                 | 82                        | 78     | 69     | 58     | 59      | 63      | 59      | 57      | 47     | 83                        | 80     | 76     | 65     | 64      | 68      | 65      | 63      | 52     |



Generated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$    |        |        |        |         |         |         |         |        | $D_p = 1000 \text{ Pa}$   |        |        |        |         |         |         |         |        |
|------------|----------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880     | 73                        | 67     | 71     | 65     | 65      | 73      | 69      | 68      | 59     | 73                        | 67     | 70     | 69     | 69      | 78      | 77      | 76      | 60     |
|            | 5760     | 76                        | 72     | 74     | 68     | 67      | 73      | 71      | 68      | 59     | 79                        | 76     | 79     | 75     | 73      | 79      | 78      | 77      | 66     |
|            | 11520    | 85                        | 81     | 85     | 74     | 70      | 73      | 71      | 71      | 60     | 85                        | 87     | 89     | 83     | 77      | 80      | 78      | 78      | 69     |
|            | 14400    | 88                        | 85     | 86     | 76     | 71      | 74      | 71      | 72      | 60     | 89                        | 90     | 92     | 84     | 78      | 80      | 78      | 79      | 67     |
| 1000x600   | 4320     | 75                        | 69     | 75     | 66     | 66      | 74      | 71      | 68      | 59     | 74                        | 72     | 74     | 73     | 70      | 80      | 78      | 76      | 61     |
|            | 8640     | 79                        | 73     | 79     | 69     | 67      | 7       | 72      | 71      | 59     | 81                        | 79     | 83     | 78     | 75      | 82      | 78      | 77      | 70     |
|            | 17280    | 87                        | 83     | 88     | 74     | 71      | 75      | 72      | 73      | 60     | 88                        | 89     | 92     | 84     | 78      | 82      | 79      | 78      | 68     |
|            | 21600    | 89                        | 86     | 91     | 76     | 72      | 75      | 72      | 73      | 61     | 88                        | 92     | 95     | 86     | 80      | 82      | 79      | 79      | 67     |
| 1000x800   | 5760     | 76                        | 71     | 77     | 68     | 68      | 74      | 72      | 69      | 59     | 74                        | 71     | 76     | 72     | 72      | 80      | 79      | 77      | 60     |
|            | 11520    | 81                        | 75     | 81     | 72     | 68      | 76      | 72      | 69      | 59     | 81                        | 82     | 86     | 79     | 75      | 81      | 79      | 77      | 69     |
|            | 23040    | 89                        | 85     | 91     | 76     | 72      | 77      | 74      | 72      | 61     | 87                        | 90     | 96     | 85     | 79      | 83      | 79      | 78      | 69     |
|            | 28800    | 92                        | 88     | 94     | 78     | 73      | 76      | 74      | 73      | 62     | 90                        | 93     | 99     | 89     | 80      | 83      | 79      | 79      | 68     |
| 1000x1000  | 7200     | 77                        | 72     | 79     | 69     | 68      | 76      | 73      | 69      | 59     | 75                        | 72     | 79     | 74     | 72      | 82      | 79      | 76      | 60     |
|            | 14400    | 82                        | 75     | 84     | 73     | 69      | 76      | 73      | 71      | 59     | 81                        | 82     | 89     | 80     | 76      | 82      | 80      | 78      | 69     |
|            | 28800    | 89                        | 87     | 93     | 77     | 73      | 77      | 74      | 74      | 61     | 89                        | 92     | 97     | 88     | 80      | 83      | 80      | 78      | 69     |
|            | 36000    | 93                        | 89     | 95     | 80     | 74      | 77      | 74      | 74      | 62     | 92                        | 95     | 100    | 89     | 81      | 83      | 80      | 79      | 68     |
| 800x200    | 1152     | 69                        | 65     | 65     | 63     | 66      | 69      | 67      | 65      | 59     | 69                        | 64     | 64     | 65     | 68      | 75      | 76      | 74      | 63     |
|            | 2304     | 72                        | 68     | 68     | 63     | 66      | 68      | 68      | 66      | 60     | 76                        | 72     | 72     | 70     | 72      | 76      | 76      | 75      | 67     |
|            | 4608     | 81                        | 78     | 78     | 69     | 69      | 71      | 69      | 68      | 60     | 82                        | 83     | 82     | 77     | 75      | 76      | 77      | 76      | 69     |
|            | 5760     | 83                        | 81     | 79     | 71     | 69      | 71      | 69      | 68      | 60     | 84                        | 83     | 83     | 79     | 75      | 77      | 77      | 77      | 66     |
| 800x400    | 2304     | 72                        | 66     | 69     | 65     | 66      | 72      | 69      | 66      | 59     | 70                        | 66     | 69     | 68     | 69      | 77      | 77      | 74      | 61     |
|            | 4608     | 76                        | 70     | 74     | 67     | 67      | 72      | 70      | 68      | 60     | 77                        | 76     | 78     | 74     | 73      | 78      | 78      | 77      | 72     |
|            | 9216     | 84                        | 81     | 84     | 72     | 70      | 73      | 71      | 69      | 60     | 84                        | 86     | 88     | 82     | 77      | 79      | 78      | 77      | 69     |
|            | 11520    | 86                        | 85     | 86     | 74     | 71      | 72      | 71      | 71      | 60     | 87                        | 89     | 92     | 83     | 78      | 79      | 78      | 77      | 67     |
| 800x600    | 3456     | 74                        | 67     | 73     | 65     | 66      | 73      | 71      | 68      | 59     | 72                        | 69     | 73     | 70     | 70      | 79      | 78      | 76      | 64     |
|            | 6912     | 78                        | 72     | 78     | 69     | 67      | 73      | 72      | 69      | 59     | 79                        | 78     | 82     | 77     | 74      | 80      | 79      | 77      | 69     |
|            | 13824    | 86                        | 83     | 87     | 73     | 72      | 75      | 72      | 72      | 60     | 86                        | 89     | 91     | 84     | 78      | 80      | 79      | 77      | 69     |
|            | 17280    | 89                        | 85     | 89     | 76     | 72      | 75      | 72      | 72      | 61     | 89                        | 92     | 94     | 85     | 79      | 82      | 79      | 78      | 68     |
| 800x800    | 4608     | 75                        | 69     | 76     | 67     | 67      | 73      | 71      | 68      | 59     | 73                        | 70     | 74     | 72     | 72      | 79      | 79      | 76      | 63     |
|            | 9216     | 80                        | 73     | 81     | 69     | 67      | 75      | 71      | 68      | 59     | 79                        | 80     | 84     | 79     | 74      | 80      | 79      | 77      | 62     |
|            | 18432    | 87                        | 84     | 89     | 75     | 71      | 76      | 73      | 72      | 61     | 86                        | 89     | 94     | 84     | 78      | 81      | 79      | 78      | 68     |
|            | 23040    | 90                        | 88     | 93     | 76     | 72      | 75      | 73      | 72      | 62     | 89                        | 93     | 96     | 87     | 79      | 83      | 79      | 79      | 68     |
| 600x600    | 2592     | 71                        | 66     | 70     | 65     | 66      | 71      | 69      | 67      | 59     | 70                        | 68     | 69     | 68     | 69      | 78      | 77      | 75      | 61     |
|            | 5184     | 76                        | 72     | 75     | 67     | 66      | 72      | 71      | 68      | 59     | 78                        | 76     | 79     | 75     | 74      | 79      | 78      | 76      | 62     |
|            | 10368    | 84                        | 81     | 84     | 72     | 71      | 74      | 71      | 71      | 60     | 85                        | 86     | 88     | 82     | 77      | 79      | 78      | 77      | 65     |
|            | 12960    | 87                        | 84     | 87     | 75     | 71      | 74      | 71      | 71      | 60     | 87                        | 89     | 92     | 83     | 79      | 80      | 78      | 78      | 67     |

Generated noise:  $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$     |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$     |        |        |        |         |         |         |         |        |
|------------|-----------------------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728                  | 62                         | 58     | 55     | 50     | 51      | 56      | 51      | 46      | 45     | 65                         | 61     | 59     | 56     | 57      | 62      | 58      | 55      | 51     |
|            | 3456                  | 67                         | 63     | 59     | 53     | 55      | 58      | 52      | 49      | 46     | 69                         | 67     | 63     | 58     | 59      | 64      | 58      | 57      | 52     |
|            | 6912                  | 76                         | 73     | 65     | 56     | 58      | 61      | 56      | 54      | 47     | 78                         | 76     | 69     | 63     | 63      | 65      | 62      | 61      | 52     |
|            | 8640                  | 78                         | 76     | 67     | 56     | 59      | 62      | 58      | 55      | 47     | 81                         | 78     | 73     | 65     | 64      | 66      | 64      | 62      | 53     |
| 600x200    | 864                   | 58                         | 55     | 51     | 49     | 52      | 53      | 48      | 43      | 46     | 61                         | 58     | 55     | 55     | 56      | 59      | 56      | 53      | 51     |
|            | 1728                  | 63                         | 59     | 55     | 51     | 53      | 55      | 49      | 46      | 46     | 65                         | 63     | 58     | 57     | 59      | 61      | 56      | 54      | 52     |
|            | 3456                  | 72                         | 69     | 62     | 55     | 57      | 58      | 54      | 50      | 47     | 73                         | 72     | 65     | 61     | 62      | 63      | 61      | 58      | 53     |
|            | 4320                  | 75                         | 72     | 64     | 57     | 58      | 59      | 56      | 50      | 48     | 76                         | 75     | 68     | 63     | 63      | 64      | 61      | 58      | 53     |
| 600x100    | 432                   | 54                         | 53     | 48     | 48     | 49      | 51      | 46      | 40      | 46     | 58                         | 57     | 52     | 53     | 54      | 57      | 53      | 51      | 52     |
|            | 864                   | 58                         | 58     | 51     | 49     | 52      | 53      | 46      | 43      | 47     | 62                         | 59     | 55     | 54     | 56      | 59      | 55      | 52      | 53     |
|            | 1728                  | 67                         | 66     | 57     | 53     | 55      | 55      | 52      | 46      | 48     | 71                         | 68     | 62     | 59     | 60      | 61      | 58      | 55      | 53     |
|            | 2160                  | 71                         | 69     | 59     | 55     | 56      | 56      | 53      | 47      | 48     | 74                         | 72     | 65     | 61     | 61      | 61      | 59      | 57      | 53     |
| 400x400    | 1152                  | 59                         | 56     | 53     | 49     | 50      | 54      | 49      | 44      | 45     | 63                         | 59     | 57     | 55     | 56      | 60      | 57      | 55      | 51     |
|            | 2304                  | 64                         | 61     | 57     | 52     | 54      | 56      | 51      | 47      | 46     | 67                         | 64     | 61     | 57     | 58      | 62      | 58      | 56      | 52     |
|            | 4608                  | 72                         | 71     | 64     | 54     | 57      | 59      | 54      | 52      | 47     | 76                         | 74     | 67     | 62     | 62      | 63      | 62      | 60      | 52     |
|            | 5760                  | 76                         | 73     | 66     | 56     | 58      | 59      | 56      | 52      | 47     | 79                         | 76     | 71     | 64     | 62      | 65      | 63      | 61      | 53     |
| 400x200    | 576                   | 56                         | 53     | 50     | 49     | 51      | 52      | 45      | 42      | 46     | 59                         | 56     | 52     | 54     | 56      | 57      | 54      | 51      | 52     |
|            | 1152                  | 59                         | 58     | 53     | 49     | 52      | 53      | 48      | 44      | 46     | 63                         | 61     | 57     | 56     | 57      | 59      | 56      | 52      | 53     |
|            | 2304                  | 69                         | 68     | 59     | 54     | 56      | 56      | 51      | 48      | 47     | 72                         | 69     | 64     | 59     | 61      | 62      | 59      | 57      | 53     |
|            | 2880                  | 72                         | 70     | 62     | 56     | 57      | 57      | 54      | 49      | 48     | 75                         | 73     | 66     | 62     | 62      | 62      | 61      | 57      | 53     |
| 400x100    | 288                   | 51                         | 51     | 46     | 48     | 50      | 50      | 44      | 39      | 47     | 56                         | 54     | 49     | 52     | 53      | 55      | 53      | 49      | 53     |
|            | 576                   | 55                         | 56     | 49     | 48     | 51      | 51      | 45      | 41      | 48     | 60                         | 57     | 53     | 53     | 56      | 57      | 54      | 50      | 54     |
|            | 1152                  | 64                         | 64     | 56     | 52     | 54      | 53      | 49      | 45      | 48     | 68                         | 67     | 59     | 58     | 59      | 59      | 57      | 55      | 54     |
|            | 1440                  | 68                         | 68     | 57     | 54     | 55      | 54      | 51      | 46      | 48     | 71                         | 69     | 63     | 60     | 60      | 58      | 58      | 56      | 54     |
| 200x200    | 288                   | 52                         | 51     | 45     | 47     | 50      | 49      | 44      | 38      | 46     | 56                         | 52     | 47     | 52     | 53      | 55      | 53      | 48      | 53     |
|            | 576                   | 56                         | 54     | 49     | 49     | 51      | 49      | 46      | 41      | 47     | 61                         | 56     | 52     | 53     | 56      | 57      | 53      | 50      | 54     |
|            | 1152                  | 65                         | 65     | 55     | 53     | 55      | 52      | 49      | 45      | 48     | 68                         | 66     | 59     | 57     | 59      | 60      | 57      | 53      | 54     |
|            | 1440                  | 68                         | 68     | 57     | 55     | 56      | 54      | 52      | 46      | 49     | 72                         | 68     | 62     | 60     | 60      | 60      | 59      | 55      | 54     |
| 200x100    | 144                   | 47                         | 48     | 42     | 47     | 48      | 47      | 41      | 36      | 45     | 53                         | 51     | 44     | 49     | 52      | 53      | 51      | 47      | 51     |
|            | 288                   | 51                         | 52     | 46     | 47     | 50      | 48      | 43      | 38      | 46     | 57                         | 54     | 48     | 51     | 54      | 55      | 51      | 47      | 52     |
|            | 576                   | 60                         | 61     | 51     | 51     | 53      | 49      | 58      | 52      | 49     | 65                         | 63     | 54     | 56     | 57      | 57      | 55      | 52      | 55     |
|            | 720                   | 64                         | 65     | 53     | 52     | 54      | 51      | 49      | 43      | 49     | 68                         | 66     | 58     | 58     | 58      | 56      | 56      | 53      | 55     |



Generated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        | $D_p = 1000 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|----------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728     | 69                         | 65     | 67     | 64     | 65      | 70      | 68      | 66      | 60     | 69                         | 64     | 66     | 66     | 68      | 76      | 76      | 74      | 62     |
|            | 3456     | 73                         | 69     | 71     | 66     | 66      | 71      | 69      | 66      | 60     | 76                         | 74     | 75     | 72     | 72      | 77      | 77      | 76      | 68     |
|            | 6912     | 82                         | 79     | 81     | 72     | 69      | 72      | 69      | 68      | 60     | 83                         | 84     | 85     | 80     | 76      | 79      | 77      | 77      | 69     |
|            | 8640     | 85                         | 83     | 82     | 74     | 69      | 72      | 69      | 69      | 60     | 86                         | 87     | 89     | 82     | 77      | 78      | 77      | 77      | 67     |
| 600x200    | 864      | 66                         | 63     | 61     | 61     | 63      | 67      | 66      | 63      | 61     | 68                         | 62     | 60     | 62     | 66      | 74      | 75      | 74      | 64     |
|            | 1728     | 69                         | 66     | 65     | 63     | 65      | 68      | 68      | 64      | 60     | 74                         | 71     | 69     | 68     | 70      | 76      | 75      | 76      | 67     |
|            | 3456     | 79                         | 76     | 75     | 67     | 67      | 70      | 69      | 67      | 60     | 82                         | 80     | 79     | 76     | 74      | 75      | 76      | 76      | 69     |
|            | 4320     | 81                         | 81     | 76     | 69     | 68      | 69      | 68      | 68      | 60     | 84                         | 82     | 81     | 77     | 74      | 77      | 77      | 77      | 69     |
| 600x100    | 432      | 63                         | 59     | 55     | 58     | 62      | 65      | 64      | 62      | 61     | 65                         | 57     | 55     | 58     | 64      | 72      | 75      | 73      | 70     |
|            | 864      | 65                         | 64     | 58     | 59     | 63      | 65      | 66      | 63      | 61     | 72                         | 66     | 64     | 65     | 69      | 73      | 75      | 75      | 72     |
|            | 1728     | 75                         | 74     | 68     | 65     | 65      | 66      | 67      | 65      | 60     | 80                         | 76     | 73     | 72     | 72      | 73      | 74      | 75      | 70     |
|            | 2160     | 76                         | 78     | 71     | 67     | 67      | 68      | 67      | 65      | 60     | 81                         | 78     | 74     | 72     | 72      | 74      | 75      | 76      | 69     |
| 400x400    | 1152     | 67                         | 63     | 62     | 62     | 64      | 68      | 67      | 65      | 60     | 68                         | 62     | 62     | 65     | 67      | 75      | 75      | 74      | 62     |
|            | 2304     | 72                         | 67     | 66     | 64     | 65      | 68      | 68      | 66      | 60     | 75                         | 73     | 71     | 70     | 72      | 76      | 76      | 77      | 67     |
|            | 4608     | 79                         | 78     | 76     | 70     | 69      | 70      | 68      | 68      | 59     | 83                         | 82     | 81     | 78     | 75      | 77      | 76      | 77      | 69     |
|            | 5760     | 83                         | 81     | 79     | 72     | 68      | 70      | 69      | 68      | 59     | 85                         | 85     | 84     | 80     | 76      | 77      | 76      | 78      | 67     |
| 400x200    | 576      | 64                         | 61     | 57     | 58     | 62      | 65      | 65      | 63      | 61     | 67                         | 59     | 56     | 60     | 66      | 73      | 74      | 74      | 70     |
|            | 1152     | 67                         | 65     | 61     | 61     | 63      | 65      | 67      | 64      | 61     | 73                         | 68     | 65     | 67     | 69      | 74      | 74      | 76      | 71     |
|            | 2304     | 77                         | 74     | 71     | 65     | 67      | 68      | 68      | 65      | 60     | 80                         | 79     | 75     | 73     | 73      | 74      | 75      | 77      | 70     |
|            | 2880     | 79                         | 79     | 72     | 67     | 66      | 68      | 68      | 66      | 60     | 83                         | 80     | 76     | 74     | 73      | 76      | 76      | 77      | 69     |
| 400x100    | 288      | 61                         | 58     | 52     | 56     | 61      | 63      | 63      | 61      | 62     | 63                         | 55     | 50     | 57     | 63      | 71      | 73      | 73      | 70     |
|            | 576      | 63                         | 62     | 54     | 58     | 62      | 63      | 64      | 62      | 62     | 72                         | 64     | 59     | 63     | 67      | 72      | 73      | 74      | 70     |
|            | 1152     | 73                         | 72     | 64     | 62     | 65      | 65      | 66      | 63      | 60     | 78                         | 74     | 69     | 69     | 71      | 72      | 73      | 75      | 71     |
|            | 1440     | 75                         | 76     | 66     | 64     | 66      | 65      | 66      | 65      | 60     | 81                         | 76     | 70     | 70     | 72      | 73      | 73      | 76      | 69     |
| 200x200    | 288      | 60                         | 58     | 51     | 56     | 61      | 64      | 64      | 61      | 62     | 63                         | 55     | 51     | 56     | 63      | 70      | 73      | 73      | 66     |
|            | 576      | 64                         | 61     | 55     | 58     | 62      | 63      | 64      | 62      | 62     | 71                         | 64     | 60     | 62     | 67      | 71      | 73      | 74      | 70     |
|            | 1152     | 73                         | 71     | 65     | 62     | 65      | 66      | 66      | 63      | 61     | 78                         | 74     | 69     | 69     | 72      | 72      | 74      | 75      | 71     |
|            | 1440     | 75                         | 76     | 66     | 65     | 65      | 66      | 66      | 64      | 60     | 80                         | 86     | 70     | 70     | 72      | 73      | 74      | 76      | 69     |
| 200x100    | 144      | 57                         | 55     | 46     | 52     | 58      | 62      | 62      | 59      | 60     | 61                         | 52     | 44     | 53     | 61      | 68      | 72      | 72      | 69     |
|            | 288      | 60                         | 58     | 49     | 55     | 59      | 62      | 63      | 59      | 60     | 68                         | 61     | 54     | 59     | 65      | 68      | 83      | 84      | 69     |
|            | 576      | 69                         | 69     | 58     | 59     | 63      | 62      | 64      | 62      | 61     | 76                         | 70     | 63     | 66     | 69      | 69      | 72      | 75      | 70     |
|            | 720      | 71                         | 73     | 60     | 62     | 64      | 63      | 64      | 62      | 61     | 78                         | 72     | 64     | 66     | 69      | 69      | 72      | 76      | 71     |

## Radiated noise: $D_p = 125, 250 \text{ Pa}$

| Model      |          | $D_p = 125 \text{ Pa}$    |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|----------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880     | 61                        | 57     | 54     | 49     | 53      | 56      | 50      | 48      | 40     | 61                        | 57     | 53     | 46     | 46      | 48      | 43      | 42      | 46     |
|            | 5760     | 68                        | 63     | 56     | 46     | 44      | 46      | 39      | 38      | 45     | 70                        | 66     | 60     | 50     | 49      | 51      | 46      | 45      | 50     |
|            | 11520    | 80                        | 74     | 69     | 56     | 59      | 63      | 59      | 56      | 51     | 77                        | 76     | 67     | 54     | 51      | 54      | 49      | 48      | 54     |
|            | 14400    | 80                        | 74     | 65     | 48     | 47      | 50      | 45      | 43      | 48     | 80                        | 78     | 69     | 56     | 53      | 54      | 51      | 49      | 58     |
| 1000x600   | 4320     | 64                        | 58     | 56     | 49     | 53      | 59      | 51      | 48      | 42     | 62                        | 59     | 55     | 47     | 47      | 51      | 44      | 43      | 48     |
|            | 8640     | 71                        | 64     | 57     | 46     | 44      | 47      | 40      | 40      | 47     | 71                        | 68     | 62     | 52     | 49      | 53      | 48      | 45      | 52     |
|            | 17280    | 79                        | 74     | 64     | 49     | 48      | 50      | 45      | 45      | 53     | 79                        | 77     | 69     | 56     | 53      | 56      | 51      | 49      | 57     |
|            | 21600    | 83                        | 76     | 66     | 49     | 48      | 51      | 47      | 46      | 55     | 83                        | 80     | 72     | 58     | 53      | 55      | 52      | 51      | 59     |
| 1000x800   | 5760     | 65                        | 59     | 57     | 51     | 53      | 59      | 53      | 50      | 43     | 64                        | 61     | 56     | 48     | 47      | 52      | 46      | 43      | 49     |
|            | 11520    | 71                        | 66     | 59     | 46     | 45      | 48      | 51      | 40      | 48     | 73                        | 69     | 64     | 53     | 51      | 54      | 48      | 46      | 53     |
|            | 23040    | 81                        | 74     | 65     | 49     | 48      | 51      | 45      | 46      | 54     | 80                        | 78     | 72     | 57     | 54      | 56      | 51      | 51      | 59     |
|            | 28800    | 84                        | 78     | 67     | 51     | 49      | 53      | 46      | 46      | 56     | 83                        | 81     | 73     | 58     | 54      | 56      | 53      | 52      | 60     |
| 1000x1000  | 7200     | 66                        | 61     | 59     | 52     | 54      | 61      | 53      | 51      | 44     | 66                        | 62     | 58     | 49     | 48      | 52      | 46      | 44      | 50     |
|            | 14400    | 74                        | 66     | 61     | 45     | 45      | 49      | 43      | 42      | 49     | 74                        | 70     | 65     | 54     | 52      | 55      | 49      | 48      | 54     |
|            | 28800    | 81                        | 75     | 66     | 50     | 49      | 52      | 47      | 47      | 54     | 82                        | 79     | 73     | 57     | 55      | 57      | 52      | 52      | 59     |
|            | 36000    | 85                        | 79     | 69     | 51     | 49      | 54      | 47      | 47      | 58     | 84                        | 83     | 76     | 59     | 54      | 57      | 53      | 53      | 62     |
| 800x200    | 1152     | 52                        | 49     | 44     | 38     | 39      | 39      | 32      | 29      | 38     | 56                        | 53     | 47     | 44     | 44      | 45      | 40      | 38      | 43     |
|            | 2304     | 61                        | 57     | 51     | 41     | 41      | 41      | 36      | 34      | 41     | 64                        | 60     | 55     | 48     | 47      | 47      | 43      | 41      | 47     |
|            | 4608     | 71                        | 67     | 57     | 46     | 46      | 45      | 39      | 38      | 46     | 72                        | 69     | 62     | 52     | 51      | 51      | 46      | 45      | 51     |
|            | 5760     | 72                        | 69     | 59     | 47     | 46      | 46      | 41      | 39      | 48     | 75                        | 72     | 64     | 54     | 52      | 51      | 46      | 45      | 53     |
| 800x400    | 2304     | 56                        | 52     | 48     | 39     | 41      | 42      | 34      | 33      | 40     | 58                        | 56     | 51     | 45     | 45      | 48      | 43      | 41      | 45     |
|            | 4608     | 65                        | 61     | 54     | 44     | 44      | 45      | 38      | 36      | 43     | 68                        | 65     | 58     | 51     | 48      | 51      | 45      | 43      | 49     |
|            | 9216     | 74                        | 70     | 62     | 47     | 47      | 48      | 42      | 41      | 49     | 76                        | 74     | 65     | 55     | 52      | 53      | 48      | 48      | 54     |
|            | 11520    | 77                        | 74     | 63     | 48     | 48      | 49      | 43      | 42      | 51     | 79                        | 77     | 68     | 57     | 53      | 54      | 49      | 48      | 57     |
| 800x600    | 3456     | 62                        | 56     | 55     | 49     | 54      | 58      | 49      | 48      | 40     | 61                        | 58     | 54     | 47     | 47      | 49      | 43      | 41      | 47     |
|            | 6912     | 69                        | 63     | 57     | 44     | 43      | 47      | 39      | 38      | 46     | 70                        | 67     | 61     | 51     | 49      | 53      | 47      | 45      | 51     |
|            | 13824    | 78                        | 72     | 64     | 47     | 47      | 49      | 44      | 44      | 52     | 78                        | 75     | 68     | 57     | 53      | 55      | 50      | 48      | 57     |
|            | 17280    | 81                        | 75     | 66     | 49     | 49      | 50      | 45      | 44      | 54     | 82                        | 79     | 72     | 58     | 54      | 55      | 51      | 49      | 59     |
| 800x800    | 4608     | 60                        | 56     | 52     | 41     | 41      | 45      | 36      | 35      | 42     | 65                        | 63     | 62     | 56     | 58      | 65      | 59      | 56      | 48     |
|            | 9216     | 69                        | 65     | 59     | 45     | 44      | 47      | 41      | 40      | 47     | 72                        | 69     | 64     | 52     | 49      | 54      | 47      | 45      | 52     |
|            | 18432    | 78                        | 74     | 65     | 48     | 47      | 51      | 44      | 44      | 53     | 80                        | 78     | 71     | 56     | 53      | 56      | 49      | 50      | 58     |
|            | 23040    | 82                        | 77     | 68     | 49     | 48      | 52      | 46      | 46      | 56     | 83                        | 81     | 72     | 58     | 54      | 55      | 52      | 51      | 60     |
| 600x600    | 2592     | 58                        | 53     | 47     | 39     | 41      | 43      | 33      | 32      | 40     | 60                        | 57     | 52     | 45     | 45      | 49      | 43      | 41      | 46     |
|            | 5184     | 66                        | 63     | 54     | 45     | 43      | 46      | 38      | 37      | 45     | 69                        | 66     | 59     | 52     | 49      | 53      | 45      | 44      | 50     |
|            | 10368    | 76                        | 71     | 62     | 48     | 47      | 49      | 42      | 41      | 51     | 77                        | 75     | 66     | 56     | 51      | 54      | 49      | 48      | 55     |
|            | 12960    | 79                        | 74     | 63     | 48     | 47      | 48      | 45      | 43      | 52     | 80                        | 79     | 69     | 57     | 53      | 54      | 50      | 49      | 57     |



Radiated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        |       | $D_p = 1000 \text{ Pa}$    |        |        |         |         |         |         |        |
|------------|----------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|----------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB/(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                     | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880     | 65                         | 58     | 59     | 53     | 52      | 58      | 54      | 53      | 55     | 68    | 64                         | 64     | 60     | 58      | 64      | 63      | 62      | 62     |
|            | 5760     | 74                         | 68     | 68     | 59     | 54      | 59      | 56      | 54      | 58     | 75    | 74                         | 73     | 66     | 61      | 65      | 63      | 63      | 64     |
|            | 11520    | 82                         | 78     | 78     | 65     | 58      | 60      | 56      | 57      | 64     | 83    | 84                         | 83     | 73     | 65      | 66      | 63      | 64      | 70     |
|            | 14400    | 85                         | 53     | 81     | 66     | 59      | 60      | 55      | 58      | 66     | 85    | 87                         | 86     | 76     | 66      | 67      | 63      | 65      | 73     |
| 1000x600   | 4320     | 68                         | 61     | 63     | 54     | 53      | 58      | 56      | 54      | 56     | 69    | 68                         | 67     | 63     | 58      | 67      | 63      | 62      | 64     |
|            | 8640     | 76                         | 71     | 72     | 61     | 55      | 59      | 57      | 57      | 60     | 79    | 77                         | 77     | 69     | 63      | 67      | 65      | 63      | 67     |
|            | 17280    | 83                         | 81     | 82     | 65     | 59      | 62      | 57      | 58      | 67     | 84    | 87                         | 87     | 76     | 66      | 68      | 95      | 64      | 73     |
|            | 21600    | 87                         | 84     | 86     | 67     | 60      | 63      | 57      | 59      | 69     | 87    | 89                         | 89     | 78     | 68      | 69      | 65      | 65      | 75     |
| 1000x800   | 5760     | 68                         | 63     | 66     | 57     | 54      | 59      | 57      | 55      | 57     | 70    | 68                         | 71     | 63     | 60      | 66      | 65      | 62      | 63     |
|            | 11520    | 77                         | 72     | 76     | 62     | 57      | 62      | 56      | 55      | 62     | 78    | 79                         | 80     | 71     | 64      | 67      | 65      | 64      | 67     |
|            | 23040    | 86                         | 82     | 85     | 68     | 59      | 62      | 59      | 59      | 69     | 85    | 88                         | 89     | 77     | 67      | 68      | 65      | 65      | 74     |
|            | 28800    | 89                         | 86     | 87     | 69     | 61      | 62      | 59      | 59      | 72     | 88    | 91                         | 92     | 79     | 69      | 69      | 65      | 66      | 78     |
| 1000x1000  | 7200     | 72                         | 67     | 75     | 66     | 66      | 75      | 72      | 69      | 59     | 72    | 69                         | 73     | 65     | 61      | 67      | 65      | 63      | 64     |
|            | 14400    | 79                         | 73     | 78     | 63     | 58      | 62      | 58      | 56      | 64     | 78    | 79                         | 83     | 72     | 65      | 68      | 66      | 64      | 69     |
|            | 28800    | 87                         | 83     | 87     | 69     | 61      | 63      | 58      | 59      | 71     | 86    | 89                         | 92     | 79     | 68      | 69      | 66      | 65      | 76     |
|            | 36000    | 90                         | 87     | 90     | 72     | 63      | 64      | 59      | 60      | 74     | 89    | 92                         | 94     | 81     | 70      | 69      | 65      | 64      | 80     |
| 800x200    | 1152     | 59                         | 55     | 52     | 49     | 51      | 54      | 52      | 49      | 51     | 67    | 60                         | 58     | 55     | 55      | 62      | 62      | 61      | 60     |
|            | 2304     | 69                         | 64     | 62     | 55     | 54      | 55      | 53      | 52      | 54     | 72    | 70                         | 66     | 62     | 60      | 62      | 61      | 62      | 61     |
|            | 4608     | 78                         | 75     | 72     | 59     | 57      | 57      | 54      | 53      | 59     | 79    | 80                         | 76     | 69     | 63      | 62      | 63      | 62      | 66     |
|            | 5760     | 79                         | 78     | 73     | 61     | 57      | 57      | 55      | 54      | 61     | 82    | 81                         | 79     | 69     | 65      | 64      | 62      | 63      | 67     |
| 800x400    | 2304     | 64                         | 58     | 59     | 53     | 51      | 56      | 55      | 51      | 54     | 67    | 64                         | 64     | 59     | 58      | 63      | 62      | 60      | 61     |
|            | 4608     | 73                         | 67     | 67     | 58     | 55      | 58      | 56      | 54      | 57     | 75    | 74                         | 73     | 65     | 61      | 65      | 63      | 62      | 64     |
|            | 9216     | 81                         | 78     | 78     | 63     | 58      | 58      | 55      | 56      | 63     | 81    | 84                         | 83     | 72     | 66      | 65      | 64      | 63      | 69     |
|            | 11520    | 84                         | 81     | 79     | 66     | 59      | 59      | 56      | 57      | 65     | 85    | 87                         | 86     | 74     | 67      | 66      | 64      | 63      | 72     |
| 800x600    | 3456     | 67                         | 59     | 63     | 54     | 53      | 58      | 56      | 52      | 55     | 68    | 67                         | 67     | 62     | 58      | 65      | 64      | 62      | 63     |
|            | 6912     | 75                         | 69     | 72     | 59     | 56      | 58      | 57      | 55      | 59     | 77    | 75                         | 76     | 68     | 63      | 66      | 65      | 63      | 65     |
|            | 13824    | 83                         | 80     | 80     | 64     | 59      | 61      | 57      | 58      | 66     | 83    | 86                         | 85     | 75     | 66      | 66      | 65      | 63      | 72     |
|            | 17280    | 86                         | 83     | 84     | 67     | 60      | 62      | 57      | 59      | 68     | 86    | 89                         | 89     | 77     | 67      | 68      | 65      | 64      | 74     |
| 800x800    | 4608     | 68                         | 62     | 66     | 54     | 53      | 59      | 56      | 54      | 56     | 69    | 68                         | 69     | 63     | 59      | 66      | 65      | 62      | 63     |
|            | 9216     | 77                         | 71     | 74     | 61     | 55      | 61      | 56      | 55      | 61     | 77    | 78                         | 78     | 70     | 62      | 66      | 65      | 64      | 66     |
|            | 18432    | 85                         | 81     | 84     | 65     | 59      | 62      | 57      | 57      | 68     | 84    | 87                         | 88     | 76     | 66      | 67      | 95      | 64      | 73     |
|            | 23040    | 88                         | 85     | 86     | 68     | 59      | 62      | 58      | 58      | 71     | 87    | 90                         | 91     | 78     | 68      | 69      | 64      | 66      | 76     |
| 600x600    | 2592     | 65                         | 58     | 59     | 53     | 52      | 57      | 54      | 52      | 54     | 67    | 65                         | 64     | 59     | 68      | 65      | 62      | 62      | 62     |
|            | 5184     | 73                         | 68     | 68     | 59     | 55      | 57      | 56      | 55      | 58     | 76    | 74                         | 73     | 67     | 62      | 65      | 63      | 63      | 65     |
|            | 10368    | 81                         | 78     | 77     | 64     | 59      | 60      | 56      | 57      | 64     | 82    | 84                         | 83     | 72     | 66      | 65      | 63      | 64      | 69     |
|            | 12960    | 84                         | 82     | 81     | 65     | 59      | 60      | 57      | 58      | 66     | 85    | 86                         | 86     | 75     | 67      | 67      | 64      | 65      | 72     |



## Radiated noise: $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$     |        |        |        |         |         |         |         |        |       | $D_p = 250 \text{ Pa}$     |        |        |         |         |         |         |        |
|------------|-----------------------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|----------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB/(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                     | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728                  | 55                         | 52     | 46     | 39     | 39      | 41      | 33      | 31      | 39     | 58    | 55                         | 49     | 45     | 45      | 47      | 41      | 39      | 44     |
|            | 3456                  | 63                         | 61     | 52     | 44     | 43      | 44      | 37      | 34      | 43     | 67    | 64                         | 56     | 49     | 48      | 49      | 44      | 43      | 48     |
|            | 6912                  | 72                         | 69     | 60     | 46     | 45      | 47      | 42      | 39      | 49     | 75    | 73                         | 64     | 54     | 51      | 52      | 48      | 47      | 53     |
|            | 8640                  | 76                         | 72     | 62     | 47     | 46      | 48      | 43      | 41      | 51     | 78    | 76                         | 67     | 55     | 52      | 53      | 49      | 48      | 55     |
| 600x200    | 864                   | 51                         | 48     | 42     | 38     | 39      | 38      | 31      | 26      | 37     | 55    | 52                         | 45     | 42     | 42      | 45      | 39      | 37      | 42     |
|            | 1728                  | 59                         | 56     | 49     | 42     | 40      | 40      | 34      | 32      | 40     | 63    | 59                         | 53     | 48     | 46      | 46      | 42      | 39      | 46     |
|            | 3456                  | 68                         | 67     | 55     | 46     | 44      | 43      | 38      | 36      | 46     | 71    | 68                         | 59     | 52     | 49      | 49      | 46      | 44      | 50     |
|            | 4320                  | 69                         | 68     | 57     | 46     | 45      | 45      | 39      | 36      | 47     | 73    | 71                         | 62     | 53     | 51      | 49      | 46      | 44      | 51     |
| 600x100    | 432                   | 45                         | 44     | 38     | 37     | 36      | 35      | 29      | 24      | 34     | 51    | 48                         | 42     | 41     | 42      | 42      | 37      | 35      | 40     |
|            | 864                   | 58                         | 58     | 51     | 49     | 51      | 52      | 46      | 43      | 38     | 60    | 57                         | 49     | 45     | 45      | 45      | 39      | 38      | 43     |
|            | 1728                  | 64                         | 62     | 51     | 45     | 43      | 40      | 36      | 33      | 43     | 68    | 66                         | 56     | 49     | 48      | 47      | 44      | 41      | 47     |
|            | 2160                  | 66                         | 65     | 52     | 45     | 44      | 41      | 36      | 34      | 44     | 69    | 68                         | 56     | 51     | 49      | 47      | 43      | 42      | 49     |
| 400x400    | 1152                  | 52                         | 49     | 44     | 39     | 39      | 39      | 32      | 28      | 37     | 56    | 52                         | 48     | 43     | 43      | 45      | 41      | 38      | 43     |
|            | 2304                  | 60                         | 59     | 51     | 42     | 41      | 41      | 36      | 33      | 41     | 65    | 62                         | 55     | 49     | 46      | 47      | 43      | 42      | 47     |
|            | 4608                  | 69                         | 68     | 58     | 45     | 44      | 44      | 40      | 38      | 47     | 73    | 71                         | 61     | 52     | 49      | 49      | 47      | 46      | 51     |
|            | 5760                  | 73                         | 70     | 59     | 47     | 46      | 46      | 40      | 38      | 49     | 75    | 74                         | 64     | 55     | 51      | 51      | 48      | 46      | 54     |
| 400x200    | 576                   | 48                         | 46     | 39     | 38     | 38      | 36      | 28      | 24      | 35     | 53    | 49                         | 43     | 42     | 42      | 43      | 38      | 35      | 40     |
|            | 1152                  | 61                         | 61     | 49     | 43     | 42      | 38      | 34      | 31      | 41     | 61    | 58                         | 51     | 46     | 45      | 44      | 41      | 39      | 44     |
|            | 2304                  | 65                         | 64     | 53     | 45     | 44      | 42      | 37      | 33      | 44     | 69    | 66                         | 58     | 51     | 49      | 48      | 44      | 42      | 49     |
|            | 2880                  | 67                         | 65     | 55     | 45     | 44      | 42      | 38      | 34      | 45     | 71    | 69                         | 59     | 52     | 49      | 48      | 44      | 42      | 50     |
| 400x100    | 288                   | 43                         | 43     | 36     | 36     | 35      | 33      | 27      | 22      | 33     | 49    | 46                         | 39     | 39     | 41      | 39      | 37      | 34      | 38     |
|            | 576                   | 52                         | 53     | 43     | 39     | 38      | 37      | 29      | 27      | 37     | 58    | 54                         | 47     | 44     | 44      | 42      | 39      | 37      | 42     |
|            | 1152                  | 60                         | 60     | 49     | 44     | 42      | 38      | 35      | 31      | 41     | 66    | 64                         | 53     | 48     | 47      | 45      | 43      | 41      | 46     |
|            | 1440                  | 63                         | 61     | 50     | 45     | 42      | 39      | 36      | 32      | 42     | 67    | 66                         | 54     | 49     | 48      | 45      | 42      | 41      | 47     |
| 200x200    | 288                   | 44                         | 44     | 35     | 36     | 36      | 33      | 27      | 22      | 33     | 50    | 46                         | 37     | 39     | 39      | 41      | 37      | 34      | 38     |
|            | 576                   | 52                         | 51     | 42     | 39     | 38      | 35      | 31      | 27      | 36     | 58    | 53                         | 46     | 45     | 44      | 43      | 38      | 36      | 42     |
|            | 1152                  | 62                         | 62     | 49     | 43     | 42      | 38      | 35      | 31      | 42     | 66    | 63                         | 52     | 49     | 47      | 46      | 43      | 39      | 46     |
|            | 1440                  | 63                         | 63     | 51     | 44     | 42      | 39      | 36      | 32      | 42     | 68    | 65                         | 56     | 50     | 48      | 46      | 44      | 40      | 47     |
| 200x100    | 144                   | 38                         | 39     | 33     | 36     | 35      | 31      | 24      | 19      | 31     | 46    | 42                         | 34     | 38     | 39      | 37      | 35      | 31      | 36     |
|            | 288                   | 47                         | 49     | 39     | 38     | 37      | 34      | 28      | 24      | 35     | 55    | 51                         | 42     | 42     | 42      | 41      | 36      | 34      | 39     |
|            | 576                   | 56                         | 57     | 46     | 43     | 41      | 35      | 33      | 28      | 39     | 63    | 59                         | 49     | 46     | 44      | 43      | 41      | 38      | 43     |
|            | 720                   | 58                         | 59     | 47     | 44     | 42      | 36      | 33      | 29      | 40     | 64    | 62                         | 51     | 48     | 46      | 43      | 41      | 38      | 44     |



Radiated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        |       | $D_p = 1000 \text{ Pa}$    |        |        |         |         |         |         |        |
|------------|----------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|----------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB/(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                     | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728     | 61                         | 57     | 56     | 51     | 50      | 56      | 54      | 51      | 53     | 66    | 62                         | 61     | 58     | 57      | 62      | 61      | 60      | 59     |
|            | 3456     | 71                         | 66     | 65     | 57     | 54      | 56      | 55      | 53      | 56     | 73    | 72                         | 69     | 64     | 61      | 64      | 62      | 63      | 63     |
|            | 6912     | 79                         | 76     | 75     | 63     | 57      | 57      | 55      | 55      | 61     | 81    | 82                         | 79     | 71     | 64      | 65      | 63      | 64      | 68     |
|            | 8640     | 82                         | 81     | 76     | 65     | 58      | 58      | 55      | 56      | 63     | 84    | 85                         | 83     | 73     | 65      | 65      | 63      | 64      | 70     |
| 600x200    | 864      | 58                         | 54     | 49     | 48     | 49      | 53      | 52      | 48      | 50     | 64    | 59                         | 55     | 53     | 54      | 60      | 61      | 60      | 58     |
|            | 1728     | 67                         | 64     | 58     | 54     | 53      | 54      | 52      | 61      | 53     | 71    | 68                         | 64     | 59     | 58      | 62      | 60      | 61      | 59     |
|            | 3456     | 76                         | 74     | 68     | 59     | 56      | 56      | 54      | 52      | 57     | 78    | 77                         | 74     | 66     | 62      | 62      | 61      | 62      | 64     |
|            | 4320     | 77                         | 76     | 70     | 60     | 57      | 57      | 54      | 53      | 58     | 81    | 79                         | 75     | 68     | 62      | 63      | 62      | 62      | 64     |
| 600x100    | 432      | 55                         | 51     | 43     | 45     | 48      | 51      | 49      | 47      | 48     | 61    | 55                         | 48     | 49     | 52      | 58      | 59      | 59      | 56     |
|            | 864      | 63                         | 61     | 53     | 51     | 51      | 52      | 50      | 49      | 50     | 69    | 64                         | 57     | 56     | 57      | 58      | 59      | 60      | 57     |
|            | 1728     | 72                         | 71     | 62     | 55     | 53      | 52      | 52      | 51      | 54     | 76    | 74                         | 67     | 63     | 60      | 59      | 60      | 61      | 60     |
|            | 2160     | 73                         | 73     | 65     | 58     | 55      | 53      | 52      | 51      | 56     | 79    | 75                         | 69     | 64     | 60      | 61      | 60      | 62      | 61     |
| 400x400    | 1152     | 59                         | 55     | 52     | 49     | 49      | 54      | 53      | 49      | 51     | 65    | 59                         | 57     | 55     | 55      | 61      | 60      | 61      | 59     |
|            | 2304     | 69                         | 65     | 61     | 54     | 53      | 55      | 54      | 52      | 54     | 72    | 69                         | 65     | 62     | 59      | 62      | 61      | 62      | 60     |
|            | 4608     | 77                         | 75     | 71     | 61     | 56      | 55      | 53      | 53      | 59     | 79    | 80                         | 75     | 68     | 63      | 64      | 61      | 63      | 64     |
|            | 5760     | 80                         | 79     | 73     | 63     | 56      | 55      | 54      | 55      | 60     | 82    | 82                         | 78     | 71     | 65      | 64      | 61      | 64      | 66     |
| 400x200    | 576      | 56                         | 52     | 46     | 46     | 48      | 51      | 51      | 48      | 49     | 63    | 57                         | 50     | 52     | 53      | 59      | 59      | 61      | 57     |
|            | 1152     | 65                         | 61     | 54     | 52     | 52      | 52      | 52      | 49      | 51     | 71    | 66                         | 59     | 57     | 58      | 60      | 59      | 61      | 58     |
|            | 2304     | 74                         | 72     | 65     | 56     | 54      | 53      | 52      | 51      | 55     | 77    | 76                         | 69     | 64     | 62      | 60      | 60      | 62      | 61     |
|            | 2880     | 76                         | 74     | 66     | 58     | 55      | 54      | 53      | 52      | 56     | 80    | 77                         | 71     | 65     | 61      | 62      | 60      | 62      | 63     |
| 400x100    | 288      | 53                         | 49     | 39     | 43     | 47      | 49      | 49      | 46      | 47     | 61    | 52                         | 45     | 47     | 51      | 57      | 58      | 59      | 56     |
|            | 576      | 61                         | 59     | 48     | 48     | 50      | 50      | 50      | 48      | 49     | 68    | 62                         | 53     | 54     | 55      | 57      | 58      | 60      | 57     |
|            | 1152     | 70                         | 69     | 59     | 54     | 53      | 50      | 50      | 49      | 52     | 76    | 71                         | 63     | 61     | 59      | 58      | 58      | 61      | 59     |
|            | 1440     | 71                         | 71     | 60     | 55     | 54      | 52      | 52      | 50      | 53     | 78    | 73                         | 65     | 62     | 59      | 59      | 58      | 63      | 60     |
| 200x200    | 288      | 52                         | 49     | 40     | 43     | 47      | 49      | 49      | 46      | 47     | 61    | 52                         | 45     | 47     | 51      | 57      | 58      | 59      | 56     |
|            | 576      | 61                         | 59     | 49     | 49     | 50      | 50      | 50      | 48      | 49     | 68    | 62                         | 53     | 54     | 55      | 57      | 58      | 60      | 57     |
|            | 1152     | 69                         | 68     | 59     | 54     | 53      | 52      | 51      | 49      | 52     | 74    | 72                         | 63     | 61     | 59      | 57      | 59      | 61      | 59     |
|            | 1440     | 72                         | 72     | 59     | 55     | 53      | 52      | 51      | 50      | 54     | 76    | 73                         | 64     | 62     | 59      | 58      | 60      | 61      | 60     |
| 200x100    | 144      | 49                         | 46     | 34     | 40     | 45      | 46      | 46      | 44      | 45     | 58    | 48                         | 39     | 43     | 49      | 53      | 57      | 58      | 55     |
|            | 288      | 57                         | 56     | 43     | 45     | 48      | 48      | 48      | 46      | 47     | 66    | 57                         | 48     | 50     | 54      | 54      | 58      | 59      | 56     |
|            | 576      | 66                         | 66     | 53     | 51     | 51      | 49      | 49      | 48      | 49     | 72    | 67                         | 57     | 56     | 57      | 56      | 58      | 60      | 57     |
|            | 720      | 67                         | 68     | 54     | 52     | 52      | 49      | 49      | 48      | 50     | 75    | 69                         | 59     | 58     | 58      | 57      | 58      | 61      | 58     |

Generated noise:  $D_p = 125, 250 \text{ Pa}$

| Model      |          | $D_p = 125 \text{ Pa}$    |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|----------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880     | 66                        | 60     | 59     | 52     | 55      | 58      | 52      | 50      | 45     | 68                        | 65     | 63     | 56     | 58      | 65      | 59      | 58      | 50     |
|            | 5760     | 71                        | 66     | 61     | 53     | 56      | 59      | 55      | 51      | 46     | 73                        | 69     | 66     | 60     | 61      | 65      | 61      | 59      | 51     |
|            | 11520    | 79                        | 75     | 69     | 56     | 58      | 63      | 59      | 56      | 47     | 81                        | 78     | 73     | 64     | 64      | 67      | 65      | 63      | 52     |
|            | 14400    | 82                        | 77     | 71     | 58     | 59      | 64      | 59      | 57      | 47     | 84                        | 81     | 76     | 66     | 65      | 68      | 66      | 64      | 52     |
| 1000x600   | 4320     | 69                        | 62     | 61     | 52     | 54      | 61      | 53      | 52      | 45     | 70                        | 66     | 65     | 58     | 59      | 65      | 62      | 59      | 50     |
|            | 8640     | 73                        | 68     | 63     | 54     | 56      | 62      | 55      | 54      | 45     | 74                        | 72     | 67     | 61     | 62      | 68      | 62      | 59      | 51     |
|            | 17280    | 82                        | 76     | 70     | 58     | 59      | 65      | 60      | 59      | 47     | 82                        | 80     | 76     | 66     | 65      | 69      | 66      | 64      | 52     |
|            | 21600    | 86                        | 79     | 73     | 59     | 60      | 65      | 62      | 59      | 47     | 86                        | 84     | 79     | 66     | 65      | 69      | 67      | 65      | 52     |
| 1000x800   | 5760     | 69                        | 65     | 62     | 52     | 56      | 61      | 54      | 52      | 45     | 71                        | 67     | 66     | 59     | 61      | 66      | 62      | 59      | 50     |
|            | 11520    | 75                        | 68     | 65     | 55     | 56      | 63      | 56      | 54      | 45     | 76                        | 72     | 71     | 62     | 63      | 68      | 62      | 61      | 51     |
|            | 23040    | 84                        | 77     | 72     | 58     | 59      | 66      | 61      | 59      | 46     | 83                        | 82     | 78     | 66     | 65      | 71      | 66      | 65      | 52     |
|            | 28800    | 86                        | 82     | 73     | 59     | 61      | 67      | 62      | 61      | 47     | 86                        | 85     | 79     | 68     | 66      | 70      | 68      | 66      | 52     |
| 1000x1000  | 7200     | 71                        | 65     | 62     | 54     | 55      | 62      | 53      | 55      | 45     | 72                        | 69     | 67     | 61     | 62      | 67      | 62      | 59      | 50     |
|            | 14400    | 77                        | 69     | 67     | 55     | 57      | 63      | 58      | 56      | 45     | 77                        | 74     | 71     | 63     | 64      | 69      | 64      | 62      | 51     |
|            | 28800    | 85                        | 78     | 73     | 59     | 61      | 67      | 61      | 61      | 46     | 86                        | 83     | 79     | 66     | 66      | 72      | 67      | 65      | 52     |
|            | 36000    | 87                        | 83     | 76     | 59     | 61      | 68      | 63      | 62      | 47     | 88                        | 86     | 82     | 68     | 67      | 71      | 68      | 66      | 52     |
| 800x200    | 1152     | 61                        | 56     | 54     | 49     | 53      | 55      | 49      | 45      | 46     | 62                        | 60     | 57     | 56     | 58      | 61      | 57      | 54      | 52     |
|            | 2304     | 65                        | 61     | 56     | 51     | 54      | 56      | 51      | 48      | 46     | 67                        | 64     | 61     | 57     | 59      | 62      | 58      | 55      | 52     |
|            | 4608     | 74                        | 71     | 64     | 54     | 57      | 58      | 55      | 52      | 47     | 75                        | 73     | 67     | 62     | 63      | 64      | 62      | 58      | 53     |
|            | 5760     | 77                        | 73     | 66     | 56     | 59      | 60      | 57      | 53      | 48     | 78                        | 75     | 71     | 63     | 63      | 65      | 62      | 60      | 53     |
| 800x400    | 2304     | 65                        | 59     | 56     | 51     | 53      | 58      | 52      | 49      | 45     | 67                        | 62     | 60     | 57     | 58      | 63      | 59      | 55      | 51     |
|            | 4608     | 69                        | 65     | 60     | 52     | 56      | 59      | 54      | 51      | 46     | 71                        | 67     | 65     | 59     | 61      | 64      | 60      | 58      | 52     |
|            | 9216     | 77                        | 74     | 68     | 56     | 58      | 62      | 57      | 56      | 49     | 79                        | 76     | 72     | 64     | 64      | 66      | 63      | 62      | 52     |
|            | 11520    | 81                        | 76     | 69     | 57     | 60      | 63      | 59      | 56      | 48     | 82                        | 79     | 75     | 66     | 65      | 67      | 65      | 63      | 52     |
| 800x600    | 3456     | 66                        | 61     | 59     | 51     | 55      | 59      | 53      | 50      | 45     | 68                        | 64     | 63     | 58     | 59      | 64      | 61      | 57      | 51     |
|            | 6912     | 72                        | 66     | 63     | 54     | 56      | 60      | 55      | 53      | 46     | 73                        | 69     | 67     | 61     | 62      | 66      | 62      | 59      | 52     |
|            | 13824    | 81                        | 76     | 69     | 56     | 60      | 64      | 58      | 57      | 47     | 81                        | 78     | 75     | 66     | 64      | 69      | 65      | 63      | 52     |
|            | 17280    | 83                        | 78     | 72     | 58     | 61      | 63      | 60      | 59      | 47     | 84                        | 82     | 77     | 67     | 66      | 68      | 66      | 65      | 52     |
| 800x800    | 4608     | 67                        | 63     | 61     | 51     | 55      | 61      | 53      | 51      | 45     | 71                        | 66     | 65     | 58     | 59      | 65      | 61      | 58      | 50     |
|            | 9216     | 73                        | 67     | 65     | 54     | 56      | 61      | 55      | 54      | 45     | 75                        | 71     | 69     | 61     | 62      | 68      | 62      | 59      | 51     |
|            | 18432    | 82                        | 76     | 72     | 57     | 58      | 65      | 60      | 59      | 46     | 83                        | 81     | 76     | 66     | 65      | 69      | 65      | 64      | 52     |
|            | 23040    | 85                        | 81     | 74     | 58     | 59      | 66      | 61      | 59      | 47     | 86                        | 83     | 78     | 67     | 66      | 69      | 66      | 65      | 52     |
| 600x600    | 2592     | 64                        | 60     | 57     | 51     | 53      | 59      | 52      | 48      | 45     | 67                        | 63     | 61     | 57     | 58      | 63      | 59      | 57      | 51     |
|            | 5184     | 69                        | 65     | 61     | 54     | 55      | 60      | 54      | 51      | 46     | 72                        | 68     | 65     | 59     | 61      | 56      | 61      | 58      | 52     |
|            | 10368    | 78                        | 75     | 68     | 56     | 59      | 63      | 57      | 55      | 47     | 79                        | 78     | 73     | 64     | 63      | 68      | 64      | 62      | 52     |
|            | 12960    | 82                        | 78     | 69     | 58     | 59      | 63      | 59      | 57      | 47     | 83                        | 80     | 76     | 65     | 64      | 68      | 65      | 63      | 52     |



Generated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |                       | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        | $D_p = 1000 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|-----------------------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880                  | 73                         | 67     | 71     | 65     | 65      | 73      | 69      | 68      | 59     | 73                         | 67     | 70     | 69     | 69      | 78      | 77      | 76      | 60     |
|            | 5760                  | 76                         | 72     | 74     | 68     | 67      | 73      | 71      | 68      | 59     | 79                         | 76     | 79     | 75     | 73      | 79      | 78      | 77      | 66     |
|            | 11520                 | 85                         | 81     | 85     | 74     | 70      | 73      | 71      | 71      | 60     | 85                         | 87     | 89     | 83     | 77      | 80      | 78      | 78      | 69     |
|            | 14400                 | 88                         | 85     | 86     | 76     | 71      | 74      | 71      | 72      | 60     | 89                         | 90     | 92     | 84     | 78      | 80      | 78      | 79      | 67     |
| 1000x600   | 4320                  | 75                         | 69     | 75     | 66     | 66      | 74      | 71      | 68      | 59     | 74                         | 72     | 74     | 73     | 70      | 80      | 78      | 76      | 61     |
|            | 8640                  | 79                         | 73     | 79     | 69     | 67      | 7       | 72      | 71      | 59     | 81                         | 79     | 83     | 78     | 75      | 82      | 78      | 77      | 70     |
|            | 17280                 | 87                         | 83     | 88     | 74     | 71      | 75      | 72      | 73      | 60     | 88                         | 89     | 92     | 84     | 78      | 82      | 79      | 78      | 68     |
|            | 21600                 | 89                         | 86     | 91     | 76     | 72      | 75      | 72      | 73      | 61     | 88                         | 92     | 95     | 86     | 80      | 82      | 79      | 79      | 67     |
| 1000x800   | 5760                  | 76                         | 71     | 77     | 68     | 68      | 74      | 72      | 69      | 59     | 74                         | 71     | 76     | 72     | 72      | 80      | 79      | 77      | 60     |
|            | 11520                 | 81                         | 75     | 81     | 72     | 68      | 76      | 72      | 69      | 59     | 81                         | 82     | 86     | 79     | 75      | 81      | 79      | 77      | 69     |
|            | 23040                 | 89                         | 85     | 91     | 76     | 72      | 77      | 74      | 72      | 61     | 87                         | 90     | 96     | 85     | 79      | 83      | 79      | 78      | 69     |
|            | 28800                 | 92                         | 88     | 94     | 78     | 73      | 76      | 74      | 73      | 62     | 90                         | 93     | 99     | 89     | 80      | 83      | 79      | 79      | 68     |
| 1000x1000  | 7200                  | 77                         | 72     | 79     | 69     | 68      | 76      | 73      | 69      | 59     | 75                         | 72     | 79     | 74     | 72      | 82      | 79      | 76      | 60     |
|            | 14400                 | 82                         | 75     | 84     | 73     | 69      | 76      | 73      | 71      | 59     | 81                         | 82     | 89     | 80     | 76      | 82      | 80      | 78      | 69     |
|            | 28800                 | 89                         | 87     | 93     | 77     | 73      | 77      | 74      | 74      | 61     | 89                         | 92     | 97     | 88     | 80      | 83      | 80      | 78      | 69     |
|            | 36000                 | 93                         | 89     | 95     | 80     | 74      | 77      | 74      | 74      | 62     | 92                         | 95     | 100    | 89     | 81      | 83      | 80      | 79      | 68     |
| 800x200    | 1152                  | 69                         | 65     | 65     | 63     | 66      | 69      | 67      | 65      | 59     | 69                         | 64     | 64     | 65     | 68      | 75      | 76      | 74      | 63     |
|            | 2304                  | 72                         | 68     | 68     | 63     | 66      | 68      | 68      | 66      | 60     | 76                         | 72     | 72     | 70     | 72      | 76      | 76      | 75      | 67     |
|            | 4608                  | 81                         | 78     | 78     | 69     | 69      | 71      | 69      | 68      | 60     | 82                         | 83     | 82     | 77     | 75      | 76      | 77      | 76      | 69     |
|            | 5760                  | 83                         | 81     | 79     | 71     | 69      | 71      | 69      | 68      | 60     | 84                         | 83     | 83     | 79     | 75      | 77      | 77      | 77      | 66     |
| 800x400    | 2304                  | 72                         | 66     | 69     | 65     | 66      | 72      | 69      | 66      | 59     | 70                         | 66     | 69     | 68     | 69      | 77      | 77      | 74      | 61     |
|            | 4608                  | 76                         | 70     | 74     | 67     | 67      | 72      | 70      | 68      | 60     | 77                         | 76     | 78     | 74     | 73      | 78      | 78      | 77      | 72     |
|            | 9216                  | 84                         | 81     | 84     | 72     | 70      | 73      | 71      | 69      | 60     | 84                         | 86     | 88     | 82     | 77      | 79      | 78      | 77      | 69     |
|            | 11520                 | 86                         | 85     | 86     | 74     | 71      | 72      | 71      | 71      | 60     | 87                         | 89     | 92     | 83     | 78      | 79      | 78      | 77      | 67     |
| 800x600    | 3456                  | 74                         | 67     | 73     | 65     | 66      | 73      | 71      | 68      | 59     | 72                         | 69     | 73     | 70     | 70      | 79      | 78      | 76      | 64     |
|            | 6912                  | 78                         | 72     | 78     | 69     | 67      | 73      | 72      | 69      | 59     | 79                         | 78     | 82     | 77     | 74      | 80      | 79      | 77      | 69     |
|            | 13824                 | 86                         | 83     | 87     | 73     | 72      | 75      | 72      | 72      | 60     | 86                         | 89     | 91     | 84     | 78      | 80      | 79      | 77      | 69     |
|            | 17280                 | 89                         | 85     | 89     | 76     | 72      | 75      | 72      | 72      | 61     | 89                         | 92     | 94     | 85     | 79      | 82      | 79      | 78      | 68     |
| 800x800    | 4608                  | 75                         | 69     | 76     | 67     | 67      | 73      | 71      | 68      | 59     | 73                         | 70     | 74     | 72     | 72      | 79      | 79      | 76      | 63     |
|            | 9216                  | 80                         | 73     | 81     | 69     | 67      | 75      | 71      | 68      | 59     | 79                         | 80     | 84     | 79     | 74      | 80      | 79      | 77      | 62     |
|            | 18432                 | 87                         | 84     | 89     | 75     | 71      | 76      | 73      | 72      | 61     | 86                         | 89     | 94     | 84     | 78      | 81      | 79      | 78      | 68     |
|            | 23040                 | 90                         | 88     | 93     | 76     | 72      | 75      | 73      | 72      | 62     | 89                         | 93     | 96     | 87     | 79      | 83      | 79      | 79      | 68     |
| 600x600    | 2592                  | 71                         | 66     | 70     | 65     | 66      | 71      | 69      | 67      | 59     | 70                         | 68     | 69     | 68     | 69      | 78      | 77      | 75      | 61     |
|            | 5184                  | 76                         | 72     | 75     | 67     | 66      | 72      | 71      | 68      | 59     | 78                         | 76     | 79     | 75     | 74      | 79      | 78      | 76      | 62     |
|            | 10368                 | 84                         | 81     | 84     | 72     | 71      | 74      | 71      | 71      | 60     | 85                         | 86     | 88     | 82     | 77      | 79      | 78      | 77      | 65     |
|            | 12960                 | 87                         | 84     | 87     | 75     | 71      | 74      | 71      | 71      | 60     | 87                         | 89     | 92     | 83     | 79      | 80      | 78      | 78      | 67     |

Generated noise:  $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$     |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$     |        |        |        |         |         |         |         |        |
|------------|-----------------------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728                  | 62                         | 58     | 55     | 50     | 51      | 56      | 51      | 46      | 45     | 65                         | 61     | 59     | 56     | 57      | 62      | 58      | 55      | 51     |
|            | 3456                  | 67                         | 63     | 59     | 53     | 55      | 58      | 52      | 49      | 46     | 69                         | 67     | 63     | 58     | 59      | 64      | 58      | 57      | 52     |
|            | 6912                  | 76                         | 73     | 65     | 56     | 58      | 61      | 56      | 54      | 47     | 78                         | 76     | 69     | 63     | 63      | 65      | 62      | 61      | 52     |
|            | 8640                  | 78                         | 76     | 67     | 56     | 59      | 62      | 58      | 55      | 47     | 81                         | 78     | 73     | 65     | 64      | 66      | 64      | 62      | 53     |
| 600x200    | 864                   | 58                         | 55     | 51     | 49     | 52      | 53      | 48      | 43      | 46     | 61                         | 58     | 55     | 55     | 56      | 59      | 56      | 53      | 51     |
|            | 1728                  | 63                         | 59     | 55     | 51     | 53      | 55      | 49      | 46      | 46     | 65                         | 63     | 58     | 57     | 59      | 61      | 56      | 54      | 52     |
|            | 3456                  | 72                         | 69     | 62     | 55     | 57      | 58      | 54      | 50      | 47     | 73                         | 72     | 65     | 61     | 62      | 63      | 61      | 58      | 53     |
|            | 4320                  | 75                         | 72     | 64     | 57     | 58      | 59      | 56      | 50      | 48     | 76                         | 75     | 68     | 63     | 63      | 64      | 61      | 58      | 53     |
| 600x100    | 432                   | 54                         | 53     | 48     | 48     | 49      | 51      | 46      | 40      | 46     | 58                         | 57     | 52     | 53     | 54      | 57      | 53      | 51      | 52     |
|            | 864                   | 58                         | 58     | 51     | 49     | 52      | 53      | 46      | 43      | 47     | 62                         | 59     | 55     | 54     | 56      | 59      | 55      | 52      | 53     |
|            | 1728                  | 67                         | 66     | 57     | 53     | 55      | 55      | 52      | 46      | 48     | 71                         | 68     | 62     | 59     | 60      | 61      | 58      | 55      | 53     |
|            | 2160                  | 71                         | 69     | 59     | 55     | 56      | 56      | 53      | 47      | 48     | 74                         | 72     | 65     | 61     | 61      | 61      | 59      | 57      | 53     |
| 400x400    | 1152                  | 59                         | 56     | 53     | 49     | 50      | 54      | 49      | 44      | 45     | 63                         | 59     | 57     | 55     | 56      | 60      | 57      | 55      | 51     |
|            | 2304                  | 64                         | 61     | 57     | 52     | 54      | 56      | 51      | 47      | 46     | 67                         | 64     | 61     | 57     | 58      | 62      | 58      | 56      | 52     |
|            | 4608                  | 72                         | 71     | 64     | 54     | 57      | 59      | 54      | 52      | 47     | 76                         | 74     | 67     | 62     | 62      | 63      | 62      | 60      | 52     |
|            | 5760                  | 76                         | 73     | 66     | 56     | 58      | 59      | 56      | 52      | 47     | 79                         | 76     | 71     | 64     | 62      | 65      | 63      | 61      | 53     |
| 400x200    | 576                   | 56                         | 53     | 50     | 49     | 51      | 52      | 45      | 42      | 46     | 59                         | 56     | 52     | 54     | 56      | 57      | 54      | 51      | 52     |
|            | 1152                  | 59                         | 58     | 53     | 49     | 52      | 53      | 48      | 44      | 46     | 63                         | 61     | 57     | 56     | 57      | 59      | 56      | 52      | 53     |
|            | 2304                  | 69                         | 68     | 59     | 54     | 56      | 56      | 51      | 48      | 47     | 72                         | 69     | 64     | 59     | 61      | 62      | 59      | 57      | 53     |
|            | 2880                  | 72                         | 70     | 62     | 56     | 57      | 57      | 54      | 49      | 48     | 75                         | 73     | 66     | 62     | 62      | 62      | 61      | 57      | 53     |
| 400x100    | 288                   | 51                         | 51     | 46     | 48     | 50      | 50      | 44      | 39      | 47     | 56                         | 54     | 49     | 52     | 53      | 55      | 53      | 49      | 53     |
|            | 576                   | 55                         | 56     | 49     | 48     | 51      | 51      | 45      | 41      | 48     | 60                         | 57     | 53     | 53     | 56      | 57      | 54      | 50      | 54     |
|            | 1152                  | 64                         | 64     | 56     | 52     | 54      | 53      | 49      | 45      | 48     | 68                         | 67     | 59     | 58     | 59      | 59      | 57      | 55      | 54     |
|            | 1440                  | 68                         | 68     | 57     | 54     | 55      | 54      | 51      | 46      | 48     | 71                         | 69     | 63     | 60     | 60      | 58      | 58      | 56      | 54     |
| 200x200    | 288                   | 52                         | 51     | 45     | 47     | 50      | 49      | 44      | 38      | 46     | 56                         | 52     | 47     | 52     | 53      | 55      | 53      | 48      | 53     |
|            | 576                   | 56                         | 54     | 49     | 49     | 51      | 49      | 46      | 41      | 47     | 61                         | 56     | 52     | 53     | 56      | 57      | 53      | 50      | 54     |
|            | 1152                  | 65                         | 65     | 55     | 53     | 55      | 52      | 49      | 45      | 48     | 68                         | 66     | 59     | 57     | 59      | 60      | 57      | 53      | 54     |
|            | 1440                  | 68                         | 68     | 57     | 55     | 56      | 54      | 52      | 46      | 49     | 72                         | 68     | 62     | 60     | 60      | 60      | 59      | 55      | 54     |
| 200x100    | 144                   | 47                         | 48     | 42     | 47     | 48      | 47      | 41      | 36      | 45     | 53                         | 51     | 44     | 49     | 52      | 53      | 51      | 47      | 51     |
|            | 288                   | 51                         | 52     | 46     | 47     | 50      | 48      | 43      | 38      | 46     | 57                         | 54     | 48     | 51     | 54      | 55      | 51      | 47      | 52     |
|            | 576                   | 60                         | 61     | 51     | 51     | 53      | 49      | 58      | 52      | 49     | 65                         | 63     | 54     | 56     | 57      | 57      | 55      | 52      | 55     |
|            | 720                   | 64                         | 65     | 53     | 52     | 54      | 51      | 49      | 43      | 49     | 68                         | 66     | 58     | 58     | 58      | 56      | 56      | 53      | 55     |



Generated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        | $D_p = 1000 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|----------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728     | 69                         | 65     | 67     | 64     | 65      | 70      | 68      | 66      | 60     | 69                         | 64     | 66     | 66     | 68      | 76      | 76      | 74      | 62     |
|            | 3456     | 73                         | 69     | 71     | 66     | 66      | 71      | 69      | 66      | 60     | 76                         | 74     | 75     | 72     | 72      | 77      | 77      | 76      | 68     |
|            | 6912     | 82                         | 79     | 81     | 72     | 69      | 72      | 69      | 68      | 60     | 83                         | 84     | 85     | 80     | 76      | 79      | 77      | 77      | 69     |
|            | 8640     | 85                         | 83     | 82     | 74     | 69      | 72      | 69      | 69      | 60     | 86                         | 87     | 89     | 82     | 77      | 78      | 77      | 77      | 67     |
| 600x200    | 864      | 66                         | 63     | 61     | 61     | 63      | 67      | 66      | 63      | 61     | 68                         | 62     | 60     | 62     | 66      | 74      | 75      | 74      | 64     |
|            | 1728     | 69                         | 66     | 65     | 63     | 65      | 68      | 68      | 64      | 60     | 74                         | 71     | 69     | 68     | 70      | 76      | 75      | 76      | 67     |
|            | 3456     | 79                         | 76     | 75     | 67     | 67      | 70      | 69      | 67      | 60     | 82                         | 80     | 79     | 76     | 74      | 75      | 76      | 76      | 69     |
|            | 4320     | 81                         | 81     | 76     | 69     | 68      | 69      | 68      | 68      | 60     | 84                         | 82     | 81     | 77     | 74      | 77      | 77      | 77      | 69     |
| 600x100    | 432      | 63                         | 59     | 55     | 58     | 62      | 65      | 64      | 62      | 61     | 65                         | 57     | 55     | 58     | 64      | 72      | 75      | 73      | 70     |
|            | 864      | 65                         | 64     | 58     | 59     | 63      | 65      | 66      | 63      | 61     | 72                         | 66     | 64     | 65     | 69      | 73      | 75      | 75      | 72     |
|            | 1728     | 75                         | 74     | 68     | 65     | 65      | 66      | 67      | 65      | 60     | 80                         | 76     | 73     | 72     | 72      | 73      | 74      | 75      | 70     |
|            | 2160     | 76                         | 78     | 71     | 67     | 67      | 68      | 67      | 65      | 60     | 81                         | 78     | 74     | 72     | 72      | 74      | 75      | 76      | 69     |
| 400x400    | 1152     | 67                         | 63     | 62     | 62     | 64      | 68      | 67      | 65      | 60     | 68                         | 62     | 62     | 65     | 67      | 75      | 75      | 74      | 62     |
|            | 2304     | 72                         | 67     | 66     | 64     | 65      | 68      | 68      | 66      | 60     | 75                         | 73     | 71     | 70     | 72      | 76      | 76      | 77      | 67     |
|            | 4608     | 79                         | 78     | 76     | 70     | 69      | 70      | 68      | 68      | 59     | 83                         | 82     | 81     | 78     | 75      | 77      | 76      | 77      | 69     |
|            | 5760     | 83                         | 81     | 79     | 72     | 68      | 70      | 69      | 68      | 59     | 85                         | 85     | 84     | 80     | 76      | 77      | 76      | 78      | 67     |
| 400x200    | 576      | 64                         | 61     | 57     | 58     | 62      | 65      | 65      | 63      | 61     | 67                         | 59     | 56     | 60     | 66      | 73      | 74      | 74      | 70     |
|            | 1152     | 67                         | 65     | 61     | 61     | 63      | 65      | 67      | 64      | 61     | 73                         | 68     | 65     | 67     | 69      | 74      | 74      | 76      | 71     |
|            | 2304     | 77                         | 74     | 71     | 65     | 67      | 68      | 68      | 65      | 60     | 80                         | 79     | 75     | 73     | 73      | 74      | 75      | 77      | 70     |
|            | 2880     | 79                         | 79     | 72     | 67     | 66      | 68      | 68      | 66      | 60     | 83                         | 80     | 76     | 74     | 73      | 76      | 76      | 77      | 69     |
| 400x100    | 288      | 61                         | 58     | 52     | 56     | 61      | 63      | 63      | 61      | 62     | 63                         | 55     | 50     | 57     | 63      | 71      | 73      | 73      | 70     |
|            | 576      | 63                         | 62     | 54     | 58     | 62      | 63      | 64      | 62      | 62     | 72                         | 64     | 59     | 63     | 67      | 72      | 73      | 74      | 70     |
|            | 1152     | 73                         | 72     | 64     | 62     | 65      | 65      | 66      | 63      | 60     | 78                         | 74     | 69     | 69     | 71      | 72      | 73      | 75      | 71     |
|            | 1440     | 75                         | 76     | 66     | 64     | 66      | 65      | 66      | 65      | 60     | 81                         | 76     | 70     | 70     | 72      | 73      | 73      | 76      | 69     |
| 200x200    | 288      | 60                         | 58     | 51     | 56     | 61      | 64      | 64      | 61      | 62     | 63                         | 55     | 51     | 56     | 63      | 70      | 73      | 73      | 66     |
|            | 576      | 64                         | 61     | 55     | 58     | 62      | 63      | 64      | 62      | 62     | 71                         | 64     | 60     | 62     | 67      | 71      | 73      | 74      | 70     |
|            | 1152     | 73                         | 71     | 65     | 62     | 65      | 66      | 66      | 63      | 61     | 78                         | 74     | 69     | 69     | 72      | 72      | 74      | 75      | 71     |
|            | 1440     | 75                         | 76     | 66     | 65     | 65      | 66      | 66      | 64      | 60     | 80                         | 86     | 70     | 70     | 72      | 73      | 74      | 76      | 69     |
| 200x100    | 144      | 57                         | 55     | 46     | 52     | 58      | 62      | 62      | 59      | 60     | 61                         | 52     | 44     | 53     | 61      | 68      | 72      | 72      | 69     |
|            | 288      | 60                         | 58     | 49     | 55     | 59      | 62      | 63      | 59      | 60     | 68                         | 61     | 54     | 59     | 65      | 68      | 83      | 84      | 69     |
|            | 576      | 69                         | 69     | 58     | 59     | 63      | 62      | 64      | 62      | 61     | 76                         | 70     | 63     | 66     | 69      | 69      | 72      | 75      | 70     |
|            | 720      | 71                         | 73     | 60     | 62     | 64      | 63      | 64      | 62      | 61     | 78                         | 72     | 64     | 66     | 69      | 69      | 72      | 76      | 71     |

## Radiated noise: $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$    |        |        |        |         |         |         |         |        | $D_p = 250 \text{ Pa}$    |        |        |        |         |         |         |         |        |
|------------|-----------------------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880                  | 54                        | 49     | 41     | 29     | 27      | 28      | 23      | 22      | 30     | 57                        | 54     | 44     | 33     | 32      | 36      | 31      | 31      | 35     |
|            | 5760                  | 63                        | 58     | 48     | 33     | 31      | 31      | 26      | 26      | 36     | 65                        | 63     | 52     | 38     | 36      | 37      | 33      | 34      | 41     |
|            | 11520                 | 72                        | 67     | 54     | 36     | 33      | 35      | 31      | 32      | 44     | 74                        | 72     | 59     | 44     | 39      | 41      | 36      | 37      | 49     |
|            | 14400                 | 75                        | 71     | 56     | 37     | 35      | 36      | 31      | 32      | 47     | 76                        | 75     | 63     | 45     | 40      | 41      | 38      | 39      | 52     |
| 1000x600   | 4320                  | 57                        | 51     | 42     | 28     | 29      | 30      | 22      | 24      | 31     | 59                        | 55     | 48     | 36     | 33      | 37      | 33      | 32      | 37     |
|            | 8640                  | 66                        | 61     | 49     | 33     | 31      | 34      | 27      | 28      | 38     | 67                        | 65     | 54     | 39     | 36      | 39      | 36      | 35      | 43     |
|            | 17280                 | 75                        | 69     | 57     | 37     | 34      | 36      | 32      | 34      | 46     | 76                        | 74     | 62     | 44     | 41      | 42      | 38      | 39      | 51     |
|            | 21600                 | 78                        | 73     | 58     | 38     | 35      | 36      | 33      | 34      | 48     | 78                        | 76     | 65     | 47     | 41      | 42      | 39      | 41      | 53     |
| 1000x800   | 5760                  | 58                        | 53     | 43     | 29     | 29      | 31      | 25      | 26      | 32     | 61                        | 56     | 49     | 37     | 35      | 38      | 33      | 33      | 39     |
|            | 11520                 | 67                        | 62     | 51     | 34     | 31      | 34      | 28      | 30      | 40     | 69                        | 65     | 57     | 42     | 38      | 40      | 35      | 36      | 45     |
|            | 23040                 | 76                        | 71     | 57     | 36     | 35      | 38      | 32      | 34      | 46     | 77                        | 76     | 64     | 46     | 41      | 42      | 38      | 39      | 52     |
|            | 28800                 | 79                        | 75     | 59     | 38     | 36      | 38      | 34      | 35      | 50     | 81                        | 77     | 67     | 48     | 43      | 43      | 39      | 41      | 54     |
| 1000x1000  | 7200                  | 59                        | 54     | 45     | 30     | 29      | 32      | 24      | 27      | 34     | 68                        | 64     | 65     | 59     | 60      | 67      | 62      | 59      | 40     |
|            | 14400                 | 69                        | 63     | 52     | 33     | 32      | 36      | 29      | 31      | 41     | 70                        | 66     | 58     | 43     | 38      | 42      | 36      | 37      | 46     |
|            | 28800                 | 77                        | 72     | 58     | 37     | 35      | 39      | 33      | 36      | 48     | 79                        | 76     | 65     | 46     | 42      | 43      | 39      | 41      | 53     |
|            | 36000                 | 81                        | 75     | 62     | 38     | 36      | 39      | 35      | 36      | 51     | 81                        | 79     | 68     | 48     | 43      | 44      | 40      | 41      | 55     |
| 800x200    | 1152                  | 48                        | 45     | 35     | 27     | 26      | 25      | 18      | 17      | 26     | 51                        | 48     | 39     | 33     | 31      | 32      | 28      | 27      | 32     |
|            | 2304                  | 57                        | 54     | 42     | 29     | 28      | 28      | 22      | 23      | 32     | 59                        | 56     | 47     | 36     | 35      | 33      | 30      | 31      | 36     |
|            | 4608                  | 66                        | 64     | 49     | 33     | 32      | 31      | 26      | 26      | 40     | 68                        | 66     | 54     | 42     | 38      | 36      | 33      | 34      | 44     |
|            | 5760                  | 69                        | 67     | 51     | 35     | 33      | 32      | 28      | 27      | 43     | 70                        | 69     | 58     | 42     | 39      | 38      | 34      | 35      | 47     |
| 800x400    | 2304                  | 52                        | 49     | 39     | 27     | 28      | 27      | 21      | 22      | 29     | 56                        | 52     | 43     | 33     | 32      | 34      | 31      | 30      | 34     |
|            | 4608                  | 61                        | 57     | 46     | 32     | 30      | 31      | 26      | 25      | 35     | 63                        | 60     | 51     | 39     | 35      | 36      | 32      | 34      | 40     |
|            | 9216                  | 70                        | 66     | 53     | 35     | 34      | 34      | 29      | 31      | 43     | 73                        | 69     | 58     | 43     | 39      | 39      | 35      | 37      | 47     |
|            | 11520                 | 74                        | 69     | 56     | 36     | 34      | 34      | 30      | 32      | 46     | 74                        | 73     | 61     | 45     | 40      | 40      | 37      | 38      | 50     |
| 800x600    | 3456                  | 55                        | 49     | 42     | 27     | 28      | 29      | 22      | 23      | 30     | 57                        | 54     | 46     | 35     | 34      | 36      | 31      | 31      | 36     |
|            | 6912                  | 64                        | 59     | 48     | 33     | 31      | 32      | 26      | 27      | 37     | 65                        | 63     | 53     | 39     | 37      | 38      | 34      | 34      | 42     |
|            | 13824                 | 73                        | 68     | 55     | 36     | 34      | 35      | 31      | 32      | 45     | 74                        | 71     | 61     | 45     | 41      | 40      | 37      | 38      | 49     |
|            | 17280                 | 76                        | 71     | 58     | 36     | 35      | 36      | 33      | 34      | 48     | 76                        | 74     | 64     | 46     | 41      | 42      | 38      | 39      | 52     |
| 800x800    | 4608                  | 56                        | 52     | 43     | 28     | 27      | 31      | 23      | 24      | 32     | 59                        | 55     | 49     | 36     | 33      | 38      | 32      | 32      | 38     |
|            | 9216                  | 65                        | 61     | 51     | 32     | 31      | 33      | 27      | 28      | 39     | 68                        | 64     | 56     | 41     | 36      | 39      | 34      | 35      | 44     |
|            | 18432                 | 74                        | 69     | 57     | 35     | 33      | 36      | 32      | 33      | 46     | 76                        | 74     | 64     | 45     | 40      | 41      | 37      | 38      | 52     |
|            | 23040                 | 77                        | 74     | 59     | 37     | 34      | 37      | 32      | 35      | 50     | 79                        | 77     | 66     | 47     | 41      | 42      | 38      | 39      | 54     |
| 600x600    | 2592                  | 53                        | 48     | 39     | 27     | 27      | 28      | 20      | 21      | 29     | 56                        | 52     | 45     | 34     | 33      | 35      | 30      | 30      | 35     |
|            | 5184                  | 62                        | 58     | 47     | 33     | 29      | 31      | 25      | 25      | 36     | 64                        | 61     | 52     | 38     | 36      | 37      | 33      | 33      | 40     |
|            | 10368                 | 71                        | 67     | 54     | 36     | 33      | 35      | 29      | 30      | 43     | 73                        | 70     | 59     | 44     | 39      | 39      | 36      | 37      | 48     |
|            | 12960                 | 74                        | 71     | 55     | 36     | 34      | 34      | 32      | 31      | 46     | 75                        | 73     | 62     | 45     | 41      | 40      | 37      | 38      | 51     |



Radiated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$    |        |        |        |         |         |         |         |        |       | $D_p = 1000 \text{ Pa}$   |        |        |         |         |         |         |        |
|------------|----------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                    | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 1000x400   | 2880     | 61                        | 55     | 53     | 41     | 38      | 43      | 42      | 41      | 43     | 64    | 59                        | 56     | 47     | 44      | 49      | 48      | 49      | 48     |
|            | 5760     | 69                        | 64     | 61     | 46     | 42      | 44      | 42      | 43      | 48     | 70    | 69                        | 65     | 54     | 48      | 51      | 49      | 52      | 53     |
|            | 11520    | 77                        | 74     | 71     | 52     | 45      | 45      | 43      | 45      | 57     | 78    | 79                        | 75     | 61     | 52      | 51      | 49      | 53      | 61     |
|            | 14400    | 81                        | 78     | 72     | 54     | 46      | 45      | 44      | 47      | 58     | 81    | 83                        | 78     | 62     | 53      | 51      | 49      | 53      | 63     |
| 1000x600   | 4320     | 63                        | 58     | 55     | 43     | 39      | 45      | 43      | 42      | 45     | 65    | 62                        | 59     | 49     | 45      | 52      | 49      | 51      | 50     |
|            | 8640     | 71                        | 66     | 65     | 48     | 43      | 46      | 43      | 45      | 51     | 73    | 71                        | 69     | 56     | 49      | 52      | 51      | 52      | 56     |
|            | 17280    | 79                        | 76     | 74     | 53     | 46      | 47      | 44      | 47      | 59     | 79    | 82                        | 78     | 63     | 53      | 52      | 51      | 52      | 63     |
|            | 21600    | 82                        | 79     | 77     | 55     | 47      | 47      | 45      | 48      | 61     | 82    | 84                        | 81     | 64     | 54      | 53      | 51      | 53      | 65     |
| 1000x800   | 5760     | 64                        | 58     | 58     | 45     | 41      | 45      | 43      | 43      | 46     | 68    | 65                        | 63     | 51     | 45      | 51      | 49      | 51      | 52     |
|            | 11520    | 73                        | 67     | 67     | 51     | 43      | 47      | 44      | 45      | 53     | 75    | 76                        | 72     | 59     | 49      | 53      | 51      | 52      | 58     |
|            | 23040    | 81                        | 78     | 77     | 55     | 47      | 48      | 45      | 47      | 60     | 79    | 81                        | 79     | 64     | 53      | 54      | 52      | 52      | 65     |
|            | 28800    | 84                        | 81     | 79     | 58     | 48      | 48      | 45      | 47      | 63     | 81    | 84                        | 82     | 65     | 55      | 54      | 52      | 53      | 67     |
| 1000x1000  | 7200     | 65                        | 59     | 61     | 45     | 42      | 46      | 43      | 44      | 47     | 67    | 65                        | 63     | 53     | 46      | 52      | 51      | 50      | 52     |
|            | 14400    | 74                        | 68     | 69     | 52     | 44      | 48      | 45      | 45      | 55     | 73    | 75                        | 74     | 59     | 51      | 53      | 52      | 51      | 59     |
|            | 28800    | 82                        | 79     | 78     | 57     | 47      | 49      | 45      | 48      | 62     | 81    | 85                        | 82     | 65     | 54      | 55      | 52      | 53      | 67     |
|            | 36000    | 85                        | 82     | 81     | 59     | 48      | 49      | 46      | 48      | 65     | 83    | 88                        | 86     | 67     | 55      | 54      | 52      | 53      | 69     |
| 800x200    | 1152     | 56                        | 52     | 45     | 37     | 38      | 40      | 39      | 38      | 39     | 67    | 63                        | 62     | 64     | 66      | 75      | 76      | 73      | 46     |
|            | 2304     | 64                        | 61     | 53     | 42     | 40      | 41      | 40      | 41      | 43     | 68    | 64                        | 58     | 48     | 46      | 47      | 48      | 50      | 49     |
|            | 4608     | 73                        | 70     | 63     | 48     | 44      | 42      | 41      | 42      | 50     | 75    | 74                        | 67     | 55     | 50      | 48      | 49      | 50      | 55     |
|            | 5760     | 75                        | 74     | 65     | 51     | 45      | 42      | 42      | 44      | 53     | 77    | 78                        | 71     | 58     | 51      | 49      | 49      | 51      | 58     |
| 800x400    | 2304     | 59                        | 53     | 51     | 41     | 38      | 42      | 41      | 40      | 42     | 63    | 58                        | 54     | 47     | 44      | 48      | 49      | 48      | 48     |
|            | 4608     | 68                        | 63     | 59     | 45     | 42      | 43      | 42      | 42      | 46     | 69    | 68                        | 64     | 53     | 47      | 49      | 49      | 51      | 52     |
|            | 9216     | 76                        | 74     | 69     | 52     | 45      | 44      | 43      | 44      | 55     | 76    | 79                        | 74     | 59     | 52      | 51      | 49      | 52      | 60     |
|            | 11520    | 79                        | 77     | 72     | 53     | 46      | 44      | 43      | 47      | 57     | 79    | 82                        | 76     | 62     | 5       | 50      | 49      | 52      | 62     |
| 800x600    | 3456     | 62                        | 55     | 54     | 43     | 39      | 44      | 43      | 41      | 44     | 64    | 62                        | 57     | 48     | 45      | 51      | 49      | 49      | 49     |
|            | 6912     | 71                        | 65     | 63     | 47     | 43      | 45      | 43      | 44      | 50     | 72    | 71                        | 67     | 56     | 49      | 52      | 51      | 50      | 55     |
|            | 13824    | 78                        | 75     | 73     | 52     | 46      | 46      | 45      | 46      | 58     | 79    | 81                        | 76     | 62     | 52      | 51      | 50      | 52      | 62     |
|            | 17280    | 81                        | 78     | 76     | 54     | 47      | 46      | 45      | 47      | 60     | 81    | 84                        | 79     | 63     | 54      | 53      | 51      | 52      | 65     |
| 800x800    | 4608     | 63                        | 57     | 57     | 43     | 41      | 44      | 42      | 42      | 45     | 65    | 62                        | 59     | 49     | 46      | 51      | 50      | 50      | 50     |
|            | 9216     | 72                        | 66     | 66     | 49     | 42      | 46      | 43      | 44      | 52     | 72    | 73                        | 69     | 56     | 48      | 52      | 51      | 52      | 56     |
|            | 18432    | 81                        | 77     | 75     | 53     | 45      | 48      | 44      | 46      | 60     | 79    | 82                        | 78     | 62     | 53      | 52      | 51      | 53      | 64     |
|            | 23040    | 83                        | 81     | 78     | 55     | 47      | 47      | 45      | 46      | 62     | 82    | 84                        | 82     | 65     | 54      | 53      | 51      | 53      | 66     |
| 600x600    | 2592     | 60                        | 55     | 52     | 41     | 38      | 43      | 42      | 40      | 42     | 62    | 59                        | 55     | 46     | 44      | 49      | 48      | 50      | 48     |
|            | 5184     | 68                        | 64     | 61     | 46     | 42      | 44      | 42      | 43      | 48     | 71    | 68                        | 65     | 54     | 48      | 51      | 49      | 51      | 53     |
|            | 10368    | 76                        | 74     | 69     | 51     | 45      | 46      | 43      | 45      | 55     | 77    | 79                        | 74     | 59     | 52      | 50      | 49      | 52      | 60     |
|            | 12960    | 79                        | 77     | 73     | 53     | 46      | 45      | 43      | 47      | 58     | 79    | 82                        | 76     | 62     | 52      | 51      | 50      | 53      | 62     |



## Radiated noise: $D_p = 125, 250 \text{ Pa}$

| Model      |                       | $D_p = 125 \text{ Pa}$    |        |        |        |         |         |         |         |        |       | $D_p = 250 \text{ Pa}$    |        |        |         |         |         |         |        |
|------------|-----------------------|---------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |                       | Sound power $L_w$ [dB(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m <sup>3</sup> /h] | 63 Hz                     | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                    | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728                  | 50                        | 48     | 37     | 27     | 26      | 27      | 20      | 20      | 28     | 54    | 50                        | 41     | 33     | 31      | 33      | 29      | 29      | 33     |
|            | 3456                  | 59                        | 56     | 44     | 32     | 29      | 29      | 25      | 23      | 34     | 62    | 59                        | 49     | 38     | 34      | 35      | 31      | 32      | 39     |
|            | 6912                  | 68                        | 66     | 51     | 34     | 33      | 32      | 28      | 28      | 42     | 71    | 68                        | 57     | 42     | 38      | 38      | 34      | 35      | 46     |
|            | 8640                  | 71                        | 68     | 52     | 36     | 33      | 34      | 29      | 29      | 44     | 73    | 72                        | 59     | 45     | 39      | 39      | 35      | 37      | 49     |
| 600x200    | 864                   | 46                        | 44     | 33     | 26     | 25      | 24      | 18      | 16      | 24     | 51    | 47                        | 38     | 32     | 30      | 31      | 27      | 26      | 31     |
|            | 1728                  | 55                        | 53     | 40     | 29     | 28      | 26      | 21      | 20      | 31     | 58    | 55                        | 45     | 35     | 33      | 32      | 29      | 29      | 35     |
|            | 3456                  | 64                        | 62     | 48     | 33     | 32      | 29      | 25      | 24      | 39     | 67    | 65                        | 53     | 41     | 37      | 35      | 32      | 33      | 43     |
|            | 4320                  | 67                        | 65     | 49     | 36     | 32      | 31      | 27      | 25      | 41     | 69    | 68                        | 5      | 42     | 38      | 36      | 33      | 35      | 45     |
| 600x100    | 432                   | 41                        | 41     | 31     | 25     | 23      | 21      | 16      | <15     | 23     | 47    | 45                        | 33     | 29     | 28      | 28      | 26      | 24      | 28     |
|            | 864                   | 50                        | 51     | 37     | 28     | 26      | 25      | 18      | 17      | 28     | 55    | 53                        | 41     | 33     | 31      | 30      | 27      | 28      | 32     |
|            | 1728                  | 59                        | 58     | 44     | 32     | 29      | 27      | 23      | 22      | 35     | 63    | 61                        | 48     | 38     | 36      | 32      | 30      | 31      | 39     |
|            | 2160                  | 63                        | 62     | 46     | 33     | 31      | 27      | 25      | 22      | 38     | 66    | 65                        | 51     | 39     | 36      | 33      | 31      | 32      | 42     |
| 400x400    | 1152                  | 47                        | 45     | 36     | 26     | 25      | 25      | 17      | 17      | 26     | 52    | 48                        | 39     | 31     | 30      | 31      | 29      | 28      | 31     |
|            | 2304                  | 56                        | 55     | 42     | 31     | 28      | 27      | 22      | 21      | 32     | 60    | 58                        | 46     | 36     | 33      | 33      | 31      | 31      | 37     |
|            | 4608                  | 65                        | 63     | 49     | 34     | 31      | 30      | 26      | 26      | 40     | 69    | 67                        | 53     | 41     | 37      | 36      | 33      | 35      | 44     |
|            | 5760                  | 68                        | 66     | 52     | 34     | 32      | 32      | 27      | 27      | 41     | 72    | 70                        | 56     | 44     | 38      | 37      | 34      | 36      | 47     |
| 400x200    | 576                   | 43                        | 42     | 31     | 26     | 24      | 22      | 16      | <15     | 24     | 48    | 46                        | 34     | 30     | 29      | 29      | 27      | 25      | 29     |
|            | 1152                  | 52                        | 50     | 38     | 29     | 26      | 24      | 19      | 18      | 29     | 56    | 53                        | 41     | 35     | 32      | 31      | 28      | 28      | 33     |
|            | 2304                  | 61                        | 60     | 46     | 32     | 31      | 27      | 23      | 22      | 37     | 65    | 63                        | 49     | 39     | 37      | 33      | 32      | 33      | 41     |
|            | 2880                  | 64                        | 63     | 48     | 34     | 31      | 28      | 26      | 23      | 39     | 67    | 66                        | 53     | 40     | 37      | 35      | 32      | 33      | 43     |
| 400x100    | 288                   | 38                        | 39     | 28     | 24     | 22      | 19      | <15     | <15     | 20     | 45    | 42                        | 31     | 28     | 27      | 26      | 25      | 23      | 27     |
|            | 576                   | 47                        | 48     | 36     | 28     | 26      | 22      | 16      | 15      | 27     | 53    | 50                        | 37     | 33     | 31      | 28      | 26      | 26      | 31     |
|            | 1152                  | 56                        | 56     | 41     | 32     | 28      | 24      | 22      | 19      | 33     | 62    | 59                        | 45     | 37     | 35      | 31      | 29      | 30      | 37     |
|            | 1440                  | 61                        | 60     | 43     | 32     | 29      | 26      | 22      | 21      | 36     | 64    | 63                        | 48     | 38     | 35      | 31      | 30      | 32      | 40     |
| 200x200    | 288                   | 39                        | 39     | 28     | 25     | 23      | 20      | <15     | <15     | 20     | 46    | 42                        | 30     | 27     | 27      | 28      | 24      | 22      | 27     |
|            | 576                   | 48                        | 47     | 34     | 28     | 26      | 21      | 17      | 15      | 26     | 53    | 49                        | 37     | 32     | 30      | 28      | 26      | 25      | 30     |
|            | 1152                  | 57                        | 57     | 42     | 31     | 29      | 25      | 22      | 19      | 34     | 62    | 59                        | 46     | 36     | 35      | 32      | 29      | 29      | 37     |
|            | 1440                  | 61                        | 60     | 44     | 33     | 31      | 25      | 24      | 21      | 36     | 64    | 62                        | 48     | 38     | 35      | 33      | 30      | 30      | 40     |
| 200x100    | 144                   | 35                        | 36     | 25     | 23     | 22      | 16      | <15     | <15     | 19     | 42    | 38                        | 27     | 25     | 26      | 25      | 23      | 21      | 24     |
|            | 288                   | 43                        | 45     | 32     | 26     | 25      | 19      | <15     | <15     | 24     | 51    | 46                        | 34     | 29     | 28      | 26      | 24      | 23      | 27     |
|            | 576                   | 52                        | 53     | 37     | 31     | 27      | 22      | 19      | 16      | 30     | 58    | 55                        | 42     | 34     | 32      | 28      | 27      | 27      | 34     |
|            | 720                   | 56                        | 57     | 39     | 32     | 28      | 23      | 21      | 17      | 33     | 61    | 59                        | 43     | 35     | 33      | 29      | 29      | 28      | 36     |



Radiated noise:  $D_p = 500, 1000 \text{ Pa}$

| Model      |          | $D_p = 500 \text{ Pa}$     |        |        |        |         |         |         |         |        |       | $D_p = 1000 \text{ Pa}$    |        |        |         |         |         |         |        |
|------------|----------|----------------------------|--------|--------|--------|---------|---------|---------|---------|--------|-------|----------------------------|--------|--------|---------|---------|---------|---------|--------|
|            |          | Sound power $L_w$ [dB/(A)] |        |        |        |         |         |         |         |        |       | Sound power $L_w$ [dB/(A)] |        |        |         |         |         |         |        |
| B x H [mm] | Q [m³/h] | 63 Hz                      | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz | 63 Hz | 125 Hz                     | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | 8000 Hz | TOT Hz |
| 600x400    | 1728     | 57                         | 53     | 47     | 39     | 38      | 41      | 40      | 39      | 40     | 62    | 56                         | 52     | 45     | 43      | 47      | 48      | 48      | 47     |
|            | 3456     | 66                         | 63     | 56     | 44     | 41      | 42      | 41      | 41      | 45     | 69    | 67                         | 61     | 50     | 46      | 49      | 48      | 50      | 50     |
|            | 6912     | 74                         | 73     | 66     | 51     | 44      | 43      | 42      | 43      | 53     | 76    | 77                         | 71     | 57     | 51      | 49      | 48      | 52      | 57     |
|            | 8640     | 77                         | 76     | 68     | 52     | 45      | 44      | 42      | 45      | 55     | 79    | 79                         | 73     | 59     | 52      | 49      | 49      | 52      | 60     |
| 600x200    | 864      | 54                         | 51     | 42     | 36     | 36      | 39      | 38      | 38      | 38     | 59    | 54                         | 46     | 41     | 40      | 45      | 47      | 48      | 45     |
|            | 1728     | 62                         | 59     | 51     | 41     | 39      | 41      | 39      | 39      | 42     | 67    | 62                         | 54     | 47     | 45      | 46      | 46      | 50      | 47     |
|            | 3456     | 71                         | 69     | 61     | 47     | 43      | 41      | 40      | 41      | 48     | 74    | 72                         | 65     | 53     | 48      | 46      | 48      | 51      | 53     |
|            | 4320     | 73                         | 73     | 63     | 49     | 43      | 41      | 41      | 43      | 51     | 77    | 76                         | 67     | 55     | 50      | 48      | 47      | 51      | 55     |
| 600x100    | 432      | 51                         | 48     | 36     | 34     | 35      | 37      | 36      | 35      | 36     | 58    | 51                         | 41     | 38     | 38      | 43      | 45      | 48      | 43     |
|            | 864      | 58                         | 56     | 44     | 39     | 37      | 37      | 38      | 37      | 39     | 65    | 59                         | 48     | 43     | 42      | 44      | 46      | 49      | 45     |
|            | 1728     | 67                         | 66     | 54     | 44     | 41      | 38      | 38      | 39      | 45     | 72    | 69                         | 58     | 49     | 47      | 44      | 46      | 49      | 49     |
|            | 2160     | 69                         | 71     | 56     | 45     | 42      | 39      | 39      | 40      | 47     | 75    | 72                         | 61     | 51     | 48      | 46      | 45      | 51      | 51     |
| 400x400    | 1152     | 55                         | 51     | 43     | 38     | 36      | 39      | 39      | 38      | 39     | 61    | 55                         | 48     | 42     | 41      | 47      | 46      | 49      | 46     |
|            | 2304     | 64                         | 61     | 52     | 42     | 39      | 41      | 40      | 40      | 43     | 68    | 65                         | 57     | 48     | 45      | 47      | 48      | 50      | 49     |
|            | 4608     | 72                         | 71     | 62     | 48     | 44      | 42      | 41      | 42      | 50     | 75    | 74                         | 67     | 55     | 49      | 48      | 48      | 52      | 55     |
|            | 5760     | 75                         | 74     | 64     | 51     | 44      | 42      | 41      | 44      | 52     | 78    | 77                         | 69     | 57     | 51      | 48      | 47      | 52      | 57     |
| 400x200    | 576      | 52                         | 49     | 39     | 34     | 35      | 37      | 37      | 36      | 37     | 59    | 52                         | 41     | 38     | 39      | 45      | 46      | 48      | 44     |
|            | 1152     | 61                         | 58     | 46     | 39     | 39      | 38      | 38      | 38      | 40     | 65    | 61                         | 51     | 44     | 43      | 46      | 45      | 49      | 46     |
|            | 2304     | 69                         | 67     | 56     | 46     | 42      | 39      | 39      | 41      | 46     | 72    | 71                         | 61     | 52     | 47      | 46      | 47      | 50      | 51     |
|            | 2880     | 72                         | 71     | 58     | 48     | 43      | 39      | 40      | 41      | 49     | 76    | 74                         | 64     | 53     | 48      | 47      | 46      | 51      | 53     |
| 400x100    | 288      | 49                         | 46     | 33     | 31     | 33      | 35      | 36      | 34      | 34     | 57    | 48                         | 36     | 35     | 37      | 41      | 44      | 48      | 43     |
|            | 576      | 56                         | 54     | 41     | 36     | 36      | 35      | 36      | 36      | 37     | 64    | 56                         | 45     | 42     | 41      | 43      | 44      | 48      | 44     |
|            | 1152     | 65                         | 64     | 51     | 41     | 39      | 36      | 37      | 39      | 42     | 71    | 66                         | 55     | 48     | 46      | 43      | 44      | 50      | 48     |
|            | 1440     | 67                         | 68     | 53     | 43     | 41      | 37      | 38      | 39      | 45     | 74    | 70                         | 57     | 49     | 47      | 45      | 45      | 51      | 49     |
| 200x200    | 288      | 48                         | 46     | 32     | 31     | 33      | 35      | 35      | 34      | 34     | 55    | 49                         | 36     | 35     | 38      | 42      | 44      | 48      | 43     |
|            | 576      | 56                         | 54     | 41     | 36     | 36      | 37      | 36      | 36      | 37     | 62    | 57                         | 45     | 41     | 42      | 43      | 45      | 49      | 44     |
|            | 1152     | 65                         | 64     | 51     | 42     | 39      | 37      | 37      | 38      | 43     | 69    | 67                         | 54     | 47     | 46      | 42      | 46      | 49      | 48     |
|            | 1440     | 67                         | 68     | 52     | 45     | 41      | 37      | 38      | 39      | 45     | 73    | 69                         | 58     | 49     | 47      | 43      | 46      | 49      | 49     |
| 200x100    | 144      | 45                         | 42     | 27     | 28     | 32      | 33      | 34      | 32      | 32     | 54    | 45                         | 31     | 32     | 36      | 38      | 44      | 47      | 41     |
|            | 288      | 52                         | 51     | 34     | 33     | 34      | 33      | 35      | 34      | 34     | 60    | 53                         | 38     | 37     | 40      | 39      | 43      | 48      | 43     |
|            | 576      | 61                         | 61     | 45     | 38     | 37      | 34      | 35      | 36      | 39     | 67    | 63                         | 48     | 44     | 43      | 41      | 44      | 49      | 45     |
|            | 720      | 63                         | 65     | 46     | 41     | 38      | 35      | 36      | 38      | 42     | 71    | 66                         | 52     | 46     | 45      | 42      | 43      | 50      | 46     |

## Ordering key

**RPE-Q - I / 400x300 / LMV-D3-MP-F / 561 - 280 / 0-10V**

