

# Table de selection

| Debit<br>(m³/h) | L x H<br>Ak [m²]                    | 200 x 100<br>0.0076 | 300 x 150<br>0.0189 | 400 x 200<br>0.0345 | 300 x 300<br>0.0416 | 500 x 300<br>0.0721 | 600 x 300<br>0.0915 | 800 x 300<br>0.1173 | 600 x 600<br>0.1759 | 1000 x 600<br>0.2934 |
|-----------------|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| 60              | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 2.2<br>5.0<br>22.0  |                     |                     |                     |                     |                     |                     |                     |                      |
| 80              | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 2.9<br>9.0<br>29.0  |                     |                     |                     |                     |                     |                     |                     |                      |
| 100             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 3.7<br>14.0<br>35.0 |                     |                     |                     |                     |                     |                     |                     |                      |
| 140             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 5.1<br>27.0<br>44.0 | 2.1<br>2.0<br>16.0  |                     |                     |                     |                     |                     |                     |                      |
| 180             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 6.6<br>45.0<br>51.0 | 2.6<br>3.0<br>22.0  |                     |                     |                     |                     |                     |                     |                      |
| 200             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] | 7.3<br>56.0<br>53.0 | 2.9<br>4.0<br>25.0  | 1.6<br>3.0<br>22.0  |                     |                     |                     |                     |                     |                      |
| 300             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     | 4.4<br>9.0<br>36.0  | 2.4<br>6.0<br>32.0  | 2.0<br>2.0<br>22.0  |                     |                     |                     |                     |                      |
| 400             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     | 5.9<br>16.0<br>43.0 | 3.2<br>12.0<br>40.0 | 2.7<br>4.0<br>30.0  |                     |                     |                     |                     |                      |
| 500             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     | 7.3<br>25.0<br>49.0 | 4.0<br>18.0<br>46.0 | 3.3<br>7.0<br>36.0  | 1.9<br>2.0<br>24.0  |                     |                     |                     |                      |
| 600             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     | 4.0<br>11.0<br>41.0 | 2.3<br>3.0<br>29.0  | 1.8<br>2.0<br>24.0  | 1.4<br>1.0<br>18.0  |                     |                      |
| 800             | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     | 5.3<br>19.0<br>48.0 | 3.1<br>6.0<br>36.0  | 2.4<br>4.0<br>32.0  | 1.9<br>2.0<br>26.0  |                     |                      |
| 1000            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     | 6.7<br>30.0<br>54.0 | 3.9<br>10.0<br>42.0 | 3.0<br>6.0<br>38.0  | 2.4<br>4.0<br>32.0  | 1.6<br>1.0<br>21.0  |                      |
| 1400            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     |                     | 5.4<br>20.0<br>51.0 | 4.3<br>13.0<br>46.0 | 3.3<br>7.0<br>40.0  | 2.2<br>2.0<br>29.0  |                      |
| 1800            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     |                     |                     | 5.5<br>22.0<br>53.0 | 4.3<br>12.0<br>47.0 | 2.8<br>4.0<br>36.0  |                      |
| 2000            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     |                     |                     |                     | 4.7<br>15.0<br>50.0 | 3.2<br>5.0<br>39.0  |                      |
| 3000            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     |                     |                     |                     |                     | 4.7<br>13.0<br>49.0 | 2.8<br>1.0<br>22.0   |
| 4000            | Veff[m/s]<br>ΔPt [pa]<br>NR [dB(A)] |                     |                     |                     |                     |                     |                     |                     |                     | 3.8<br>1.0<br>30.0   |

## Legendă

\*Ak [m²] - Suprafața liberă

\*Veff[m/s] - Viteza aerului în grilă

\*ΔPt [pa] - Pierderea de presiune

\*NR [dB(A)] - Nivelul de zgomot fără atenuarea camerei