

**ZN****Zawór wentylacyjny nawiewny****Przeznaczenie:**

Zawory wentylacyjne ZN, ZW są przeznaczone do zastosowań w instalacjach wentylacyjnych -nisko i średniociśnieniowych. Dzięki możliwości regulacji powierzchni czynnej zaworu możliwe jest dokładne ustalenie przepływu powietrza.

Cechy produktu

Materiał: stal malowana proszkowo.

Kolor: RAL9010, opcjonalnie dowolny kolor z palety RAL.

Montaż: na ramkę montażową, opcjonalnie na wkręty.

Płynna regulacja strumienia powietrza za pomocą talerza obrotowego.

Opis produktu

Zawory wentylacyjne nawiewne ZN oraz wywiewne ZW wykonane są ze stali lakierowanej proszkowo na kolor biały RAL9010. Na zamówienie możliwe jest lakierowanie na inny kolor RAL. Zawory posiadają płynną regulację nawiewanego powietrza za pomocą obrotowego talerza środkowego. Dzięki temu istnieje możliwość zwiększenia lub zmniejszenia powierzchni czynnej zaworu a tym samym dokładne wyregulowanie parametrów pracy zaworu. Po zakończeniu regulacji talerz zaworu jest blokowany w wybranej pozycji poprzez dokręcenie nakrętki kontruującej.

ZN

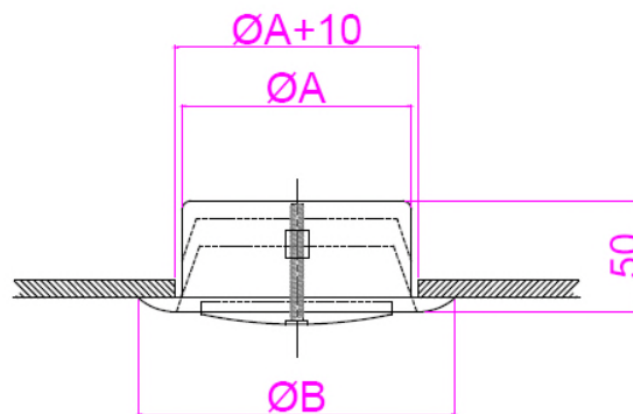
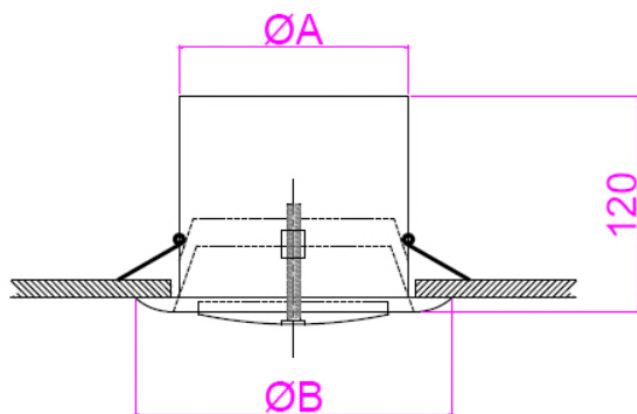
Zawór wentylacyjny nawiewny

Dane techniczne

Tabela szybkiego doboru

| Standard Sizes | $\varnothing A$ | $\varnothing B$ | Flow Rate (m ³ /h) |
|----------------|-----------------|-----------------|-------------------------------|
| 80 | 75 | 135 | 100 |
| 100 | 95 | 165 | 140 |
| 125 | 120 | 200 | 200 |
| 150 | 145 | 235 | 280 |
| 200 | 195 | 295 | 350 |

Wymiary

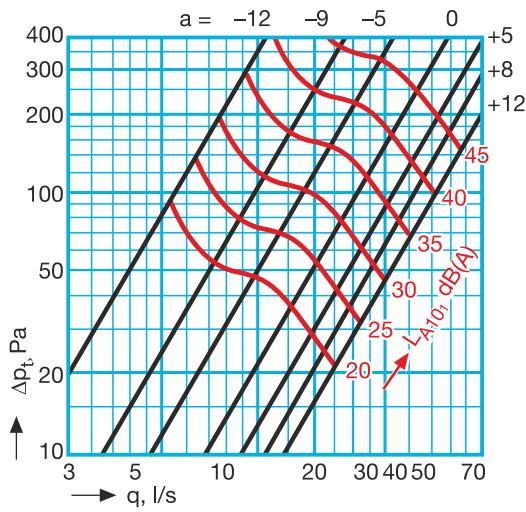
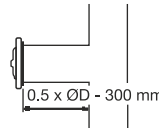


ZN

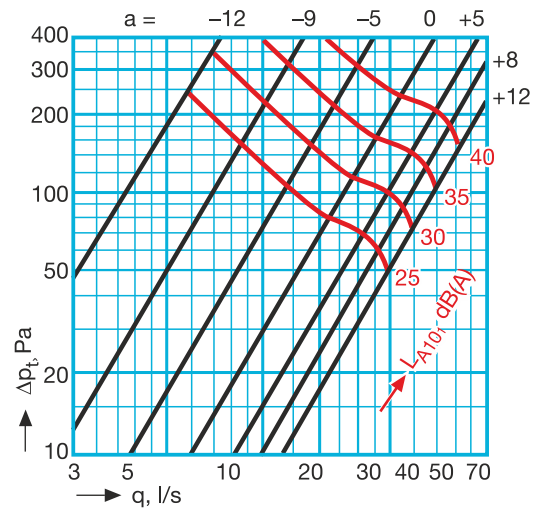
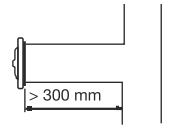
Zawór wentylacyjny nawiewny

Ø 100

Mounting Distance to duct < 300 mm



Mounting Distance to duct > 300 mm



Sound levels according to frequencies

| Size | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
|--------------|----|-----|-----|-----|------|------|------|--------|
| 100 | 11 | 4 | 2 | -3 | -2 | -1 | -7 | -17 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound levels according to frequencies

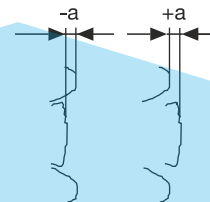
| Size | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
|--------------|----|-----|-----|-----|------|------|------|--------|
| 100 | 8 | 0 | -2 | -3 | -2 | -0 | -9 | -14 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound Absorption (From Duct to Room)

| a | Frequency (Hz) | | | | | | | |
|-----|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -12 | 23 | 23 | 24 | 29 | 36 | 36 | 40 | 40 |
| 0 | 22 | 22 | 23 | 26 | 32 | 32 | 34 | 36 |
| -8 | 22 | 22 | 22 | 26 | 30 | 30 | 33 | 34 |

Sound Absorption (From Room to Duct)

| a | Frequency (Hz) | | | | | | | |
|-------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -12 | 19 | 23 | 24 | 29 | 36 | 36 | 40 | 40 |
| 0 | 19 | 22 | 23 | 26 | 32 | 32 | 34 | 36 |
| +8 mm | 20 | 22 | 22 | 26 | 30 | 30 | 33 | 34 |



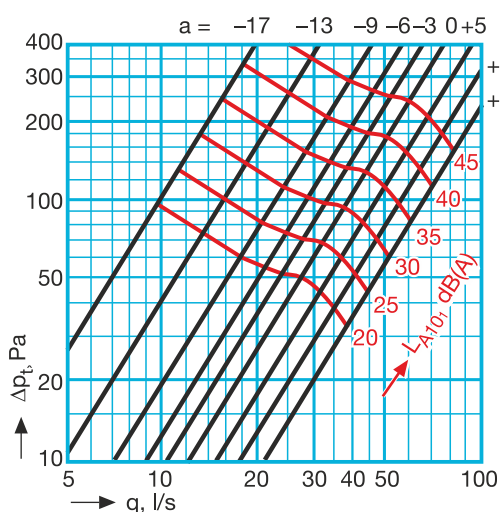
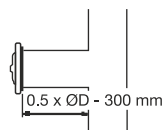
a: Valve opening level

ZN

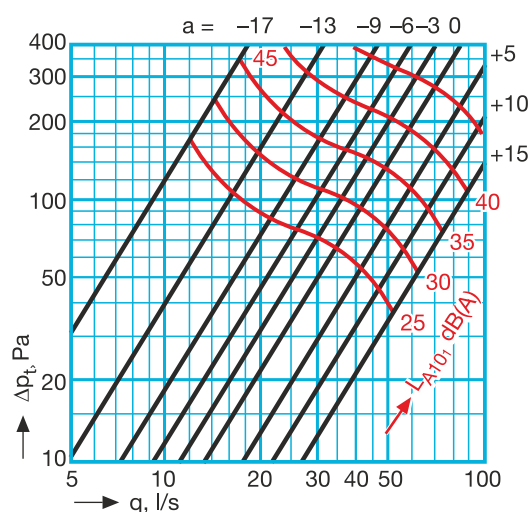
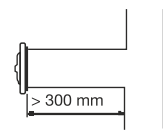
Zawór wentylacyjny nawiewny

Ø 125

Mounting Distance to duct < 300 mm



Mounting Distance to duct > 300 mm



Sound levels according to frequencies

| Size | Correction value (dB) | | | | | | | |
|--------------|-----------------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| 125 | 11 | 4 | 2 | -3 | -2 | -1 | -9 | -20 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound levels according to frequencies

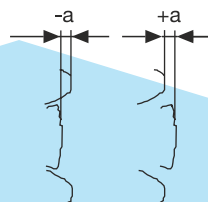
| Size | Correction value (dB) | | | | | | | |
|--------------|-----------------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| 125 | 10 | 3 | 1 | -2 | -3 | 0 | -12 | -23 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound Absorption (From Duct to Room)

| a | Frequency (Hz) | | | | | | | |
|-------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -17 | 21 | 15 | 12 | 10 | 8 | 8 | 11 | 14 |
| -6 mm | 20 | 14 | 10 | 7 | 5 | 5 | 6 | 7 |
| +5 mm | 19 | 14 | 9 | 6 | 4 | 4 | 4 | 8 |

Sound Absorption (From Room to Duct)

| a | Frequency (Hz) | | | | | | | |
|-------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -17 | 17 | 22 | 30 | 29 | 32 | 33 | 36 | 37 |
| -6 mm | 16 | 20 | 26 | 26 | 29 | 30 | 32 | 33 |
| +5 mm | 16 | 20 | 23 | 25 | 28 | 28 | 30 | 32 |



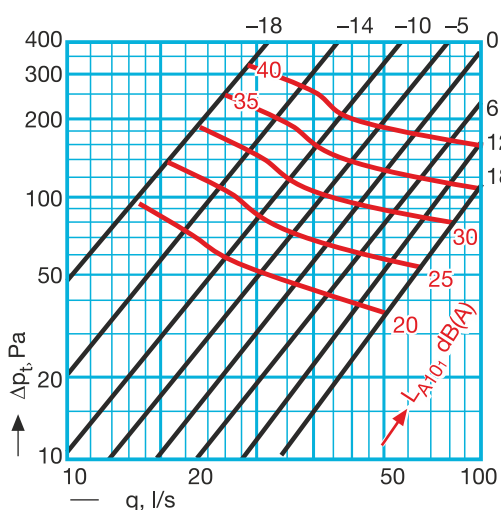
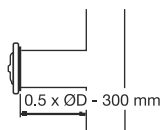
a: Valve opening level

ZN

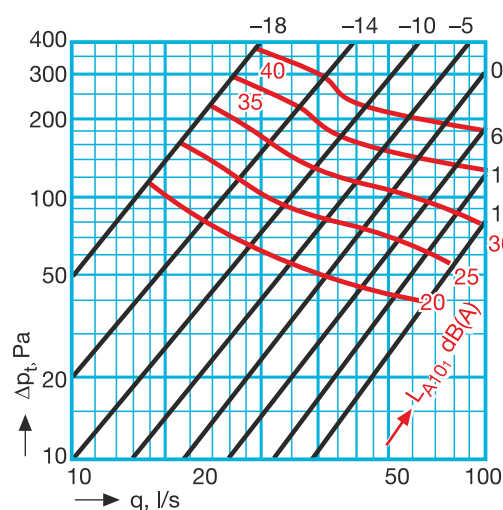
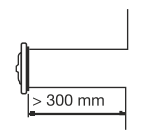
Zawór wentylacyjny nawiewny

Ø 160

Mounting Distance to duct < 300 mm



Mounting Distance to duct > 300 mm



Sound levels according to frequencies

| Size | Correction value (dB) | | | | | | | |
|--------------|-----------------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| 160 | 9 | 5 | -1 | -4 | -2 | 0 | -14 | -25 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound levels according to frequencies

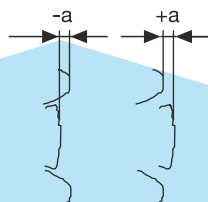
| Size | Correction value (dB) | | | | | | | |
|--------------|-----------------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| 160 | 9 | -1 | 0 | -2 | 1 | -3 | -14 | -26 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound Absorption (From Duct to Room)

| a | Frequency (Hz) | | | | | | | |
|-------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -18 | 19 | 14 | 10 | 8 | 7 | 9 | 13 | 13 |
| -5 mm | 18 | 13 | 8 | 6 | 5 | 5 | 10 | 8 |
| +6 mm | 18 | 12 | 7 | 5 | 4 | 4 | 10 | 6 |

Sound Absorption (From Room to Duct)

| a | Frequency (Hz) | | | | | | | |
|-------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -18 | 15 | 20 | 20 | 27 | 28 | 31 | 34 | 34 |
| -5 mm | 16 | 20 | 20 | 25 | 26 | 28 | 30 | 32 |
| +6 mm | 17 | 19 | 20 | 23 | 25 | 26 | 30 | 30 |



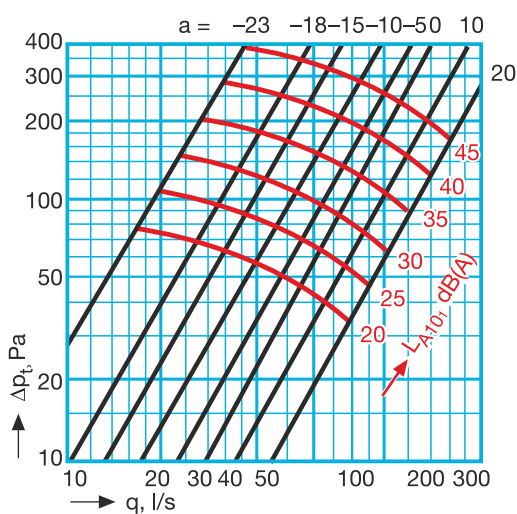
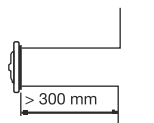
a: Valve opening level

ZN

Zawór wentylacyjny nawiewny

Ø 200

Mounting Distance to duct < 300 mm



Sound levels according to frequencies

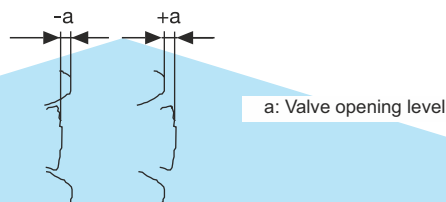
| Size | Correction value (dB) | | | | | | | |
|--------------|-----------------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| 200 | 7 | 2 | -1 | -2 | 2 | -5 | -12 | -22 |
| Tolerance±dB | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 3 |

Sound Absorption (From Room to Duct)

| a | Frequency (Hz) | | | | | | | |
|--------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -20 | 15 | 25 | 24 | 26 | 26 | 31 | 31 | 32 |
| 0 mm | 12 | 22 | 21 | 24 | 24 | 26 | 30 | 28 |
| +20 mm | 12 | 19 | 20 | 24 | 22 | 25 | 30 | 27 |

Sound Absorption (From Duct to Room)

| a | Frequency (Hz) | | | | | | | |
|--------|----------------|-----|-----|-----|------|------|------|--------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000Hz |
| -20 | 17 | 14 | 9 | 8 | 8 | 10 | 11 | 12 |
| 0 mm | 17 | 12 | 7 | 6 | 5 | 6 | 8 | 8 |
| +20 mm | 15 | 12 | 6 | 24 | 3 | 4 | 8 | 7 |





ZN

Zawór wentylacyjny nawiewny

Kod zamówienia

AA-BBB-C-DDD

AA: typ zaworu
ZN - zawór nawiewny
ZW - zawór wywiewny

BBB: średnica zaworu (np. 125)

C: sposób montażu
R - ramka montażowa
W - na wkręty

DDD: kolor z palety RAL