Cross-talk sound attenuator
Model AUDIX®
Cross-talk sound attenuator box model AUDIX®

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Telephony silencer box model AUDIX®

Description
Modern office buildings are often built without suspended ceilings. This opens up a saving potential regarding the floor heights. This means that the same building height can accommodate more floors. To provide the possibly cheapest office space creates conflicts with the demand for comfort. Therefore, to reduce the room temperatures, in some cases component cooling systems are used for the ground load cooling.

According to the thermal isolation regulations, an air-conditioning installation is demanded for dense facades, to prevent building damage and mould fungus. The necessary supply and return air ducts are preferably installed between the false ceiling in the corridors. In doing so, the main ducts and the connection ducts for each room are installed within a very small space.

The slot diffuser plenum box with integrated telephony silencer has been developed for this application. The integrated telephony silencer performs the same function as the telephony silencers previously inserted separately into the ducting system, for which there is seldom sufficient space available. The transmission of cross-talk sound through the ducting system is thus effectively prevented.

The slot diffuser plenum box AUDIX® reduces the installation costs, as additional telephony silencers are not required and the integrated telephony silencer saves space in the corridor area.

The dimensions of the AUDIX® telephony silencer plenum box have been adjusted to the requirements in dry building and can be integrated completely into lightweight partition walls, thus facilitating the cooperation between the dry builders and the air conditioning installers and saving assembly time. The diffuser can be installed later on via a spring or claw connection, thus avoiding damage to the diffuser during the building stage. As an accessory, covers for the opening made of galvanised sheet steel are available, which can be fitted during the building phase to avoid contamination of the box.

The plenum box with the integrated telephony silencer is made of galvanised sheet steel and the inner lining of special sound proof plates, which is laid out in a reverse labyrinth. The building sound absorption coefficient of the partition wall is not reduced by fitting the plenum box, compared with conventional solutions.

The plenum box can be combined with the proven slot diffusers from SCHAKO, thus allowing greater design freedom. This is reinforced as on each axis a partition wall can be integrated.

The slot diffusers DSC, DSX and DSX-XXL-W allow the ceiling flow to be adjusted, thus contributing to increasing the efficiency of the convective performance in cooling ceilings and activated concrete ceilings.

The slot diffusers from SCHAKO integrated into the AUDIX® units achieve a draught-free air pattern with long throws. The free cross-section remains the same for all adjustable jet directions, as a result of which the pressure loss and the sound volume also stay the same. A subsequent change of the air outflow direction on site is possible at any time, even when the diffuser has already been fitted. The slot diffusers DSA and DSC are mounted via a spring connection that is easy to mount, while the slot diffusers DSX and DSX-XXL-W are installed by means of fastening prongs. These fastening types also allow easy dismounting, making for easy cleaning of the diffusers, thus meeting the requirements of VDI 6022. The AUDIX® unit can also be used as combination diffuser for supply and return air as a continuous band with one slot diffuser plenum box each for supply and return air. A damper with connection spigot serves to control the air volume regulation from the hall.

Advantages:
- Prevents air from entering or escaping from the dry wall construction filled with mineral wool, thus creating a hygienically optimum situation.
- The fastening system included in the delivery facilitates mounting, allowing it to be mounted by the RLT or dry builders.
- The rectangular connection spigot facilitates mounting of the gypsum plasterboard by the dry builders.
- Excellent sound-absorbing properties
- Acoustic insulating panels of building material class B1 (standard) or building material class A2 (non-flammable to DIN 4102 at an extra charge)

Transmission loss $D_{df}$ (dB)

<table>
<thead>
<tr>
<th>L=500</th>
<th>$H$ (mm)</th>
<th>$D_{df}$ (dB)</th>
<th>$f_m$ (Hz)</th>
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<tbody>
<tr>
<td></td>
<td>63</td>
<td>125</td>
<td>250</td>
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<tr>
<td>AUDIX®-RE</td>
<td>350</td>
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<td>450</td>
<td>26</td>
<td>49</td>
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<tr>
<td>AUDIX®-R</td>
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<td>450</td>
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<table>
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<th>L=1000</th>
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<th>$D_{df}$ (dB)</th>
<th>$f_m$ (Hz)</th>
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<td>250</td>
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<tr>
<td>AUDIX®-RE</td>
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<tr>
<td></td>
<td>450</td>
<td>22</td>
<td>45</td>
</tr>
</tbody>
</table>
Telephony silencer box model AUDIX®

Characteristics of each slot diffuser:

**AUDIX®...-DSX:**
The air outflow direction can also be adjusted even after installation of the diffuser. In doing so, the free cross-section always remains constant. Likewise, the pressure loss and noise level do not change. A subsequent adjustment of the air jet pattern to changed room conditions is possible. For adjustment, single blades must be taken out and put back turned into the required airflow direction. The stable air jet means that the diffuser is suitable for VAV systems.

**AUDIX®...-DSX-XXL-W:**
The air outflow direction is set by factory at a horizontal, slightly upwards outflow position. The high induction ensures fast reduction of the air outflow velocity and of the temperature difference in the cooling mode. The stable air jet means that the diffuser is suitable for VAV systems.

**AUDIX®...-DSC:**
The support profile blades produce a stable jet set to a horizontal throw, directed slightly upwards. Due to the central housing of the support profile blades, the free cross-section is always the same. Accordingly, when the blades are adjusted, the pressure loss and sound power level remain constant. An adjustment of the airflow direction at a later stage is possible at any time, even when the outlet has already been fitted.

**AUDIX®...-DSA:**
The fixed or adjustable nozzles (-V) produce a stable core jet. Their low noise level allows a high blow velocity, resulting in correspondingly long throw distances. This ensures that fresh air is circulated through the whole room and not just near the supply air diffuser. The temperature and the velocity are broken down quickly.

### Construction

**plenum box**
- Galvanised sheet steel
- with round or rectangular connection spigot

**Insulation**
- Housing inside lined with fibre-free insulating material (10 mm), formed as reverse labyrinth.
- Acoustic insulating panels of building material class B1 (standard) or building material class A2 (non flammable to DIN 4102)

**Slot rails**
- for the AUDIX®-DSX, AUDIX®-DSX-XXL-W and AUDIX®-DSC models
- Aluminium natural colour anodised E6/EV1
- Aluminium painted to RAL 9010 (white) at an extra charge

**Faceplate**
- for AUDIX®-DSA model
- Sheet steel painted to RAL 9010 (white)

**Air guide elements**
- for the AUDIX®-DSX and AUDIX®-DSX-XXL-W models
- Plastic, similar to RAL colour 9010 (white) or RAL 9005 (black)

**Blades**
- for AUDIX®-DSC model
- Plastic (hard PVC) similar to RAL colour 9010 (white) or RAL 9005 (black, standard)
- Aluminium painted to the same RAL colour as the frame profile (at an extra charge). The painted blades cannot be adjusted subsequently

**Nozzles**
- for AUDIX®-DSA model
- Plastic, similar to RAL colour 9010 (white) or RAL 9005 (black)
### Telephony silencer box model AUDIX®

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>AUDIX®-R</td>
<td>- with round connection spigot</td>
</tr>
<tr>
<td>AUDIX®-RE</td>
<td>- with rectangular connection spigot</td>
</tr>
<tr>
<td>AUDIX®-.Z</td>
<td>- only supply air</td>
</tr>
<tr>
<td>AUDIX®-.A</td>
<td>- only return air</td>
</tr>
<tr>
<td>AUDIX®-.Z/A</td>
<td>- for supply and return air</td>
</tr>
<tr>
<td>AUDIX®-.DSX</td>
<td>- with slot diffuser type DSX</td>
</tr>
<tr>
<td></td>
<td>- 1- to 4-slot</td>
</tr>
<tr>
<td></td>
<td>- with narrow frame profile (-P) or</td>
</tr>
<tr>
<td></td>
<td>- wide frame profile (-PB)</td>
</tr>
<tr>
<td>AUDIX®-.DSX-XXL-W</td>
<td>with slot diffuser type DSX-XXL</td>
</tr>
<tr>
<td></td>
<td>- 1- to 2-slot</td>
</tr>
<tr>
<td></td>
<td>- with narrow frame profile (-P) or</td>
</tr>
<tr>
<td></td>
<td>- wide frame profile (-PB)</td>
</tr>
<tr>
<td>AUDIX®-.DSC</td>
<td>- with slot diffuser type DSC</td>
</tr>
<tr>
<td></td>
<td>- 1- to 2-slot</td>
</tr>
<tr>
<td></td>
<td>- with standard frame profile (-) or special</td>
</tr>
<tr>
<td></td>
<td>- frame profile (-P)</td>
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<tr>
<td>AUDIX®-.DSA</td>
<td>- with nozzle jet diffuser type DSA</td>
</tr>
<tr>
<td></td>
<td>- 1 row</td>
</tr>
<tr>
<td></td>
<td>- with fixed nozzles (-D) or adjustable nozzles</td>
</tr>
<tr>
<td></td>
<td>(-VD)</td>
</tr>
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</table>

#### Accessories

- **Dummy box (-BLK)**
  - for installation of a slot diffuser for optic design as connecting element
- **Fixing lugs (-BL)**
  - Galvanised sheet steel
- **Damper (-DK)**
  - manually adjustable from corridor
  - Damper made of galvanised sheet steel
  - Damper fastening made of plastic
- **Volumetric flow stabiliser (-VOLKOM)**
  - Housing, control damper and control housing made of plastic (polystyrene PS, impact-resistant)
  - Rubber lip seal on both sides, made of special rubber
- **Rubber lip seal (-GD)**
  - Special rubber (AUDIX®-R only)
- **Cover (-ÖA)**
  - Galvanised sheet steel
- **Box neck extension (-KHV)**
  - for wall thickness >100 to max. 260mm

#### Fastening

- **Prong fastening (-BK, for AUDIX®-.DSX /-DSX-XXL)**
  - concealed prong fastening for subsequent mounting and dismounting of the diffuser
- **Spring connection (-FM, for AUDIX®-.DSC /-DSA)**
  - concealed spring connection for subsequent mounting and dismounting of the diffuser
Telephony silencer box model AUDIX®

Models and dimensions

Dimensions
AUDIX®-R

View A
for supply or return air (-Z or -A)
L=408-808, with 1 connection spigot

View A
for supply or return air (-Z or -A)
L=1008-1208, with 2 connection spigots

View A
for supply and return air (-Z/A)
L=408-1208, with 1 connection spigot each for supply air and return air

AUDIX®-RE

View B
for supply or return air (-Z or -A)
L=408-808, with 1 connection spigot

View B
for supply or return air (-Z or -A)
L=1008-1208, with 2 connection spigots

View B
for supply and return air (-Z/A)
L=408-1208, with 1 connection spigot each for supply air and return air

*For wall thicknesses >100, a box neck extension (-KHV) up to max. 260mm is required

Available sizes

<table>
<thead>
<tr>
<th></th>
<th>a (innen)</th>
<th>b (WÖ)</th>
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<tbody>
<tr>
<td>...-DSX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-slot</td>
<td>24</td>
<td>28</td>
</tr>
<tr>
<td>2-slot</td>
<td>38</td>
<td>42</td>
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<tr>
<td>3-slot</td>
<td>52</td>
<td>56</td>
</tr>
<tr>
<td>4-slot</td>
<td>66</td>
<td>70</td>
</tr>
<tr>
<td>...-DSX-XXL-W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-slot</td>
<td>42</td>
<td>46</td>
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<tr>
<td>2-slot</td>
<td>74</td>
<td>78</td>
</tr>
<tr>
<td>...-DSC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-slot</td>
<td>54</td>
<td>58</td>
</tr>
<tr>
<td>2-slot</td>
<td>94</td>
<td>98</td>
</tr>
<tr>
<td>...-DSA-D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-nozzle rows</td>
<td>66</td>
<td>70</td>
</tr>
<tr>
<td>...-DSA-VD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-nozzle rows</td>
<td>52</td>
<td>56</td>
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</table>

WÖ = wall opening
Wall opening in the length: L+5

Number of connection spigots

<table>
<thead>
<tr>
<th>H</th>
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<td></td>
<td>408</td>
<td>AUDIX®-...-Z</td>
</tr>
<tr>
<td>350</td>
<td>508</td>
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<td></td>
<td>608</td>
<td>1</td>
</tr>
<tr>
<td>450</td>
<td>808</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1008</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1208</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1208</td>
<td>2</td>
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</tbody>
</table>

All combined lengths and heights available.
Telephony silencer box model AUDIX®

Diffuser models
Detail X
AUDIX®-....-DSX-P, 1 to 4 slots

AUDIX®-....-DSX-PB, 1 to 4 slots

AUDIX®-....-DSX-XXL-W-P, 1 and 2 slots

AUDIX®-....-DSX-XXL-W-PB, 1 and 2 slots

Available sizes

<table>
<thead>
<tr>
<th>L</th>
<th>L1</th>
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<tbody>
<tr>
<td>408</td>
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</tr>
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<tr>
<td>1008</td>
<td>1000</td>
</tr>
<tr>
<td>1208</td>
<td>1200</td>
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</tbody>
</table>
Telephony silencer box model AUDIX®

AUDIX®-...-DSC, 1 and 2 slots

AUDIX®-...-DSC-P, 1 and 2 slots

AUDIX®-...-DSA-D-1

AUDIX®-...-DSA-VD-1

Available sizes

<table>
<thead>
<tr>
<th>L</th>
<th>L1</th>
<th>L2</th>
</tr>
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<td>1008</td>
<td>1000</td>
<td>1020</td>
</tr>
<tr>
<td>1208</td>
<td>1200</td>
<td>1220</td>
</tr>
</tbody>
</table>
**Telephony silencer box model AUDIX®**

**Dimensions of accessories**

- Damper (-DK) with cable-operated adjustment
  - AUDIX®-RE
  - AUDIX®-R

- Rubber lip seal (-GD, AUDIX®-R only)
- Detail Y

- Dummy box (-BLK)

- Cover (-ÖA)
  To prevent soiling or damage during assembly.

- Fixing lugs (-BL)

- Box neck extension (-KHV)

**Available sizes**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a (meas)</td>
<td>b (WÖ)</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>--------</td>
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<td>---</td>
</tr>
<tr>
<td>...-DSX</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-slot</td>
<td>24</td>
<td>28</td>
<td>408</td>
</tr>
<tr>
<td>2-slot</td>
<td>38</td>
<td>42</td>
<td>508</td>
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<tr>
<td>3-slot</td>
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</tr>
<tr>
<td>4-slot</td>
<td>66</td>
<td>70</td>
<td>808</td>
</tr>
<tr>
<td>...-DSX-XXL-W</td>
<td>1-slot</td>
<td>42</td>
<td>46</td>
</tr>
<tr>
<td></td>
<td>2-slot</td>
<td>74</td>
<td>78</td>
</tr>
<tr>
<td>...-DSC</td>
<td>1-slot</td>
<td>54</td>
<td>58</td>
</tr>
<tr>
<td></td>
<td>2-slot</td>
<td>94</td>
<td>98</td>
</tr>
<tr>
<td>...-DSA-D</td>
<td>Single-nozzle rows</td>
<td>66</td>
<td>70</td>
</tr>
<tr>
<td>...-DSA-VD</td>
<td>Single-nozzle rows</td>
<td>52</td>
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WÖ = wall opening
Wall opening in the length: L+5
Telephony silencer box model AUDIX®

Volumetric flow stabiliser (VOLKOM for AUDIX®-R)

Available sizes

<table>
<thead>
<tr>
<th>NW</th>
<th>Volumetric flow range m³/h</th>
</tr>
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<tbody>
<tr>
<td>100</td>
<td>38 / 94</td>
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</table>

Installation information

Note:
Distance between volumetric flow stabiliser (VOLKOM) and AUDIX® min. 600 mm, ideally with duct silencer in-between.

Fastening methods

Prong fastening (-BK, for AUDIX®-DSX /-DSX-XXL-W)

The prong fastening (-BK) is always attached to the front (to the end pieces).

Spring connection (-FM) (for AUDIX®-DSC /-DSA)

The spring connection (FM) is always attached to the diffuser on the longitudinal side.

NW Volumetric flow range m³/h
min / max

FM

AUDIX®-...-DSC

AUDIX®-...-DSA

Version: 27.03.2018
Telephony silencer box model AUDIX®

Installation
in lightweight partition wall at the C profile

Section A-A (90° rotated)

If supply and return air boxes are installed in the lightweight single-plank wall and the slot diffuser at the front is to be designed as a continuous band for supply and return air, the order of the slot diffusers must specify that the slot diffusers have to be executed with milling grooves (at an extra charge).

Attention: Not possible for AUDIX®-...-DSA-... model!

<table>
<thead>
<tr>
<th>Product Code</th>
<th>C</th>
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<td>AUDIX®-...-DSX-...</td>
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<tr>
<td>AUDIX®-...-DSC-...</td>
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</table>
Telephony silencer box model AUDIX®

Technical data
Pressure loss and noise level

AUDIX®-R-DSA-VD1

AUDIX®-R-DSC-402

AUDIX®-R-DSC-401

AUDIX®-R-DSX-1
Telephony silencer box model AUDIX®

**AUDIX®-R-DSX-2**

[Graph showing performance characteristics for AUDIX®-R-DSX-2]

**AUDIX®-R-DSX-XXL-W1**

[Graph showing performance characteristics for AUDIX®-R-DSX-XXL-W1]

**AUDIX®-R-DSX-XXL-W2**

[Graph showing performance characteristics for AUDIX®-R-DSX-XXL-W2]

Construction subject to change. No return possible!

Version: 27.03.2018
Telephony silencer box model AUDIX®

Further data
Room ventilation

1.) Air jet guide set up to the ceiling!
   With AUDIX®-DSA-D, only horizontal possible!

<table>
<thead>
<tr>
<th>Model</th>
<th>$V_{zu}$ $\left[m^3/h\right]$</th>
<th>$\nu_{max}$ $\left[l/s\right]$</th>
<th>$x_{kr}$ $\left[m\right]$</th>
<th>$v_{max}$ $\left[m/s\right]$</th>
<th>$x$ $\left[m\right]$</th>
<th>$y$ $\left[m\right]$</th>
<th>$x_{kr}$ $\left[m\right]$</th>
<th>$v_{max}$ $\left[m/s\right]$</th>
<th>$x$ $\left[m\right]$</th>
<th>$y$ $\left[m\right]$</th>
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<td>27</td>
<td>3,75</td>
<td>0,22</td>
<td>3,75</td>
<td>1,20</td>
<td>2,25</td>
<td>0,31</td>
<td>3,50</td>
<td>1,20</td>
</tr>
</tbody>
</table>
Telephony silencer box model AUDIX®

2.) Air jet guide set straight. Without ceiling admission!
Not possible for AUDIX®-DSX-XXL-W!

<table>
<thead>
<tr>
<th>Model</th>
<th>VZU (m³/h A)</th>
<th>VZU (l/s A)</th>
<th>Δp (K)</th>
<th>L (mm)</th>
<th>H (mm)</th>
<th>ρ (kg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIX®-DSX-P-2</td>
<td>70</td>
<td>19</td>
<td>0,22</td>
<td>3,75</td>
<td>1,20</td>
<td>0,34</td>
</tr>
<tr>
<td>AUDIX®-DSX-P-4</td>
<td>98</td>
<td>27</td>
<td>0,24</td>
<td>1,90</td>
<td>1,20</td>
<td>0,45</td>
</tr>
<tr>
<td>AUDIX®-DSC-402</td>
<td>100</td>
<td>28</td>
<td>0,32</td>
<td>1,65</td>
<td>1,20</td>
<td>0,31</td>
</tr>
<tr>
<td>AUDIX®-DSA-D-1</td>
<td>98</td>
<td>27</td>
<td>0,33</td>
<td>1,45</td>
<td>1,20</td>
<td>0,45</td>
</tr>
</tbody>
</table>

Legend

- **VZU** (m³/h A) [l/s A] = Supply air volume
- **VZU** (m³/h/S) = Supply air volume per slot
- **VZU** (l/s/S) = Supply air volume per slot
- **f_m** (Hz) = Octave center frequency
- **Ddf** (dB) = Transmission loss
- **VZU** (m³/h A) = Supply air volume of each diffuser
- **VZU** [l/s A] = Supply air volume of each diffuser
- **x** (m) = Horizontal throw
- **y** (m) = Vertical throw
- **v_{max}** (m/s) = Maximum end velocity of jet
- **Xkr** (m) = Critical throw
- **ΔT_0** (K) = Temperature difference between supply air temperature and room temperature
  \( (ΔT_0 = t_{ZU} - t_R ) \)
- **Δp** (Pa) = Total pressure loss
- **L** (mm) = Length
- **H** (mm) = Height
- **ρ** (kg/m³) = Density
Telephony silencer box model AUDIX®

Ordering details

Telephony silencer box
AUDIX®

with round connection spigot
-R

with rectangular connection spigot
-RE

for supply air:
-Z

for return air:
-A

for supply and return air:
-Z/A

Height
350
450

Length
408 508 608 808 1008 1208

with slot diffuser

DSX

DSX-XXL-W

DSC

DSA

with narrow frame profile
-P

with wide frame profile
-PB

with narrow frame profile
-P

with wide frame profile
-PB

with standard frame profile
-P

with special frame profile
-P

with nozzles fixed
-D

with nozzles adjustable
-VD

1-slot
-1

2-slot
-2

3-slot
-3

4-slot
-4

1-slot
-1

2-slot
-2

1 row
-1

with prong fastening
-BK

with spring connection
-FM

Accessories:

Dummy box
-BLK

Damper
-DK

Box neck extension
-KHV

Wall thickness >100 to max. 260 mm

Cover
-ÖA

Fixing lug
-BL

Rubber lip seal
-GD

(AUDIX®-R only)

Volumetric flow limiter
-VOLKOM

(AUDIX®-R only)

Order example:
AUDIX®-RE-Z-508-DSC 402

Unless stated otherwise, the thick-frame model will be delivered!
Telephony silencer box model AUDIX®

Specification texts

Plenum box for return air, with rectangular connection spigot, with integrated silencer for installation in lightweight walls to connect one diffuser. Made of galvanised sheet steel as airtight plenum box. Integrated silencer to prevent cross-talk sound and for silencing in the duct consisting of an abrasion-resistant absorption material attached on both sides, including a fitting system to install it in the posts of lightweight walls.

Product: SCHAKO type AUDIX®-RE-Z

- Plenum box for return air
  - Product: SCHAKO type AUDIX®-RE-A
- Plenum box for supply and return air
  - Product: SCHAKO type AUDIX®-RE-Z/A
- Plenum box for return air, with round connection spigot, with integrated silencer for installation in front of lightweight walls to connect one diffuser.
  - Product: SCHAKO type AUDIX®-R-Z
- Plenum box for return air, with round connection spigot, with integrated silencer for installation in front of lightweight walls to connect one diffuser.
  - Product: SCHAKO type AUDIX®-R-A
- Plenum box for supply and return air, with round connection spigot, with integrated silencer for installation in front of lightweight walls to connect one diffuser.
  - Product: SCHAKO type AUDIX®-R-Z/A

Equipped with:
Diffuser type............ from SCHAKO for subsequent assembly of the diffuser.
Simple assembly and disassembly for maintenance purposes

Diffusers:

- DSX: 1, 2, 3 or 4 slots
  - Frame profile made of aluminium natural colour anodised (E6/EV1) or aluminium painted to RAL 9010 (white)
  - Blades made of plastic, similar to RAL colour 9005 (black) or RAL 9010 (white)
  - both sides with end pieces
  - with narrow frame profile (-P) or wide frame profile (-PB)
  - with prong fastening (-BK)
  - Product: SCHAKO type DSX...
- DSX-XXL-W: 1 or 2 slots
  - Frame profile made of aluminium natural colour anodised (E6/EV1) or aluminium painted to RAL 9010 (white)
  - Blades made of plastic, similar to RAL colour 9005 (black) or RAL 9010 (white)
  - both sides with end pieces
  - with narrow frame profile (-P) or wide frame profile (-PB)
  - with prong fastening (-BK)
  - Product: SCHAKO type DSX-XXL-W...
- DSC40.: 1 or 2 slots
  - Frame profile made of aluminium natural colour anodised (E6/EV1) or aluminium painted to RAL 9010 (white)
  - pivoting air deflection blades in support blade profiles made of plastic (hard PVC)
    - similar to RAL colour 9005 (black)
    - similar to RAL colour 9010 (white) or
    - Aluminium painted to the same RAL colour as the frame profile Subsequent adjustment of blades not possible.
  - both sides with end pieces
  - With standard frame profile (-) or with special frame profile (-P)
  - with spring connection (-FM)
  - Product: SCHAKO type DSC...
- DSA-1: 1 row
  - Sheet steel faceplate painted to RAL 9005 (black) or RAL 9010 (white)
  - Plastic nozzles, similar to RAL colour 9005 (black, standard) or RAL 9010 (white)
  - Fixed (-D) or adjustable (-VD) nozzles
  - with spring connection (-FM)
  - Product: SCHAKO type DSA-1...

Accessories:

- Dummy box (-BLK), for installation of a slot diffuser for optic design as connecting element
- Fixing lugs (-BL)
- Damper (-DK), manually adjustable from room side. Damper made of sheet steel, with cord adjustment
- Volumetric flow stabiliser (-VOLKOM) in round design, made of plastic (polystyrene PS, impact-resistant) with rubber lip seal made of special rubber
- Rubber lip seal (-GD), made of special rubber. (AUDIX®-R-... only)
- Cover (-ÖA) to prevent soiling or damage during assembly, made of galvanised sheet steel with fixing via springs
- Box neck extension (-KHV) for wall thicknesses > 100 mm up to max. 260 mm