

TROX DLQ-1-4-AK Ceiling Diffusers Instructions

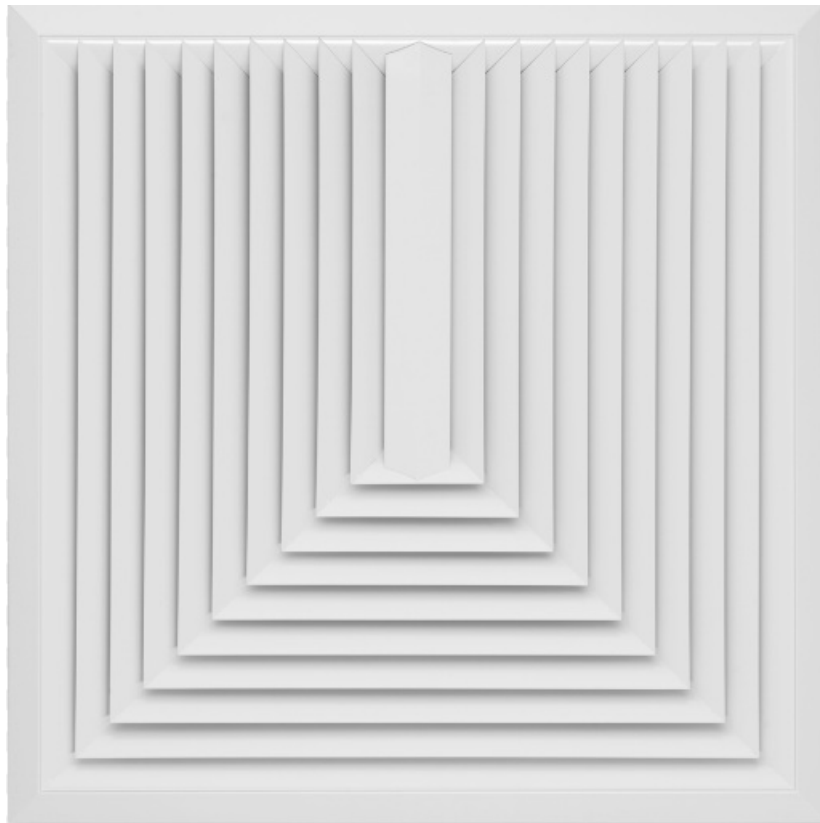
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TROX DLQ-1-4-AK Ceiling Diffusers



Product Information

- **Specifications**

- **Model:** DLQ-1...4-AK
- **Material:** Steel (DLQ-1...4-AK) or Aluminium (ADLQ-1...4-AK)
- **Mounting:** Flush with ceiling
- **Discharge Pattern:** 1 to 4-way
- **Control:** Fixed air control blades
- **Plenum Box:** Rear plenum box with side entry spigot
- **Optional:** Volume control damper
- **Hanging:** Brackets provided for ceiling suspension

- **Product Description**

- The DLQ-1...4-AK square ceiling diffusers are designed for flush mounting on ceilings.
- They are available in steel (DLQ-1...4-AK) or aluminium (ADLQ-1...4-AK) construction.
- The diffusers have a mitred perimeter border with a rear sealing strip, allowing for a secure installation.
- The diffuser's face is permanently riveted to the plenum box, ensuring durability and stability.

- **Technology**

- The DLQ-1...4-AK ceiling diffusers utilize a square design, providing a modern and sleek appearance.

Product Usage Instructions

- **Installation**

- Locate the desired installation area on the ceiling.
- If necessary, mark the area and cut an opening in the ceiling to accommodate the diffuser.
- Ensure that the mounting surface is clean and free from any debris.
- Place the diffuser in the opening and align it with the ceiling surface.

- Secure the diffuser to the ceiling using the provided hanging brackets.
 - If using a volume control damper, connect it to the side entry spigot on the rear plenum box.
 - Make any necessary adjustments to the air control blades for desired airflow direction.
 - Ensure all connections are secure and tight.
- **Maintenance**
 - To maintain optimal performance of the DLQ-1...4-AK ceiling diffuser, regular cleaning is recommended.
 - Remove any dust or debris from the diffuser face and air control blades using a soft cloth or brush.
 - Avoid using abrasive cleaners or solvents that may damage the surface.
- **Adjusting Airflow**
 - The DLQ-1...4-AK diffuser allows for adjustable airflow direction using the fixed air control blades.
 - To adjust the airflow, simply rotate the blades to the desired position.
 - Experiment with different blade angles to achieve the desired air distribution pattern.
- **Optional Volume Control Damper**
 - If your DLQ-1...4-AK diffuser is equipped with a volume control damper, you can adjust the airflow volume.
 - Rotate the damper handle to increase or decrease the airflow as needed.
 - Ensure that the damper is properly connected to the side entry spigot for accurate airflow control.
- **Frequently Asked Questions (FAQ)**
 - **Q:** Can I install the DLQ-1...4-AK diffuser on any type of ceiling?
 - **A:** The DLQ-1...4-AK diffuser is suitable for installation on most types of ceilings. However, it is important to ensure that the ceiling can support the weight of the diffuser and that there is enough space for proper airflow.
 - **Q:** Can I use the DLQ-1...4-AK diffuser for vertical discharge?
 - **A:** No, the DLQ-1...4-AK diffuser is specifically designed for horizontal discharge only.
 - **Q:** How often should I clean the DLQ-1...4-AK diffuser?
 - **A:** It is recommended to clean the diffuser at least once every six months or as needed. Regular cleaning helps maintain optimal performance and prevents dust buildup.

Product Overview



Product Introduction

DLQ-1...4-AK

- The square TROX ceiling diffusers DLQ-1...4-AK (steel) or ADLQ-1..4-AK (aluminium) are suitable for

installation flush with the ceiling.

PRODUCT DESCRIPTION


- Square ceiling diffuser for flush mounting, suitable for horizontal discharge with 1 to 4 way discharge pattern face as required, with mitred perimeter border which has rear sealing strip, fixed air control blades, rear plenum box with side entry spigot with optional volume control damper, hanging brackets provided to suspend complete assembly from the ceiling slab, the diffuser face is permanently rivetted to the plenum box.

Technology

square

- 25 – 500 l/s
- 90 – 1,800 m³/h
- 55 – 1,060 cfm
- 298 – 623 mm

Documents / Resources

	<p>TROX DLQ-1-4-AK Ceiling Diffusers [pdf] Instructions DLQ-1-4-AK, ADLQ-1..4-AK, DLQ-1-4-AK Ceiling Diffusers, Ceiling Diffusers, Diffusers</p>
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References

- [X Начална страница | ТРОКС Австрия ООД Представителство в България](#)
- [X Изделия | ТРОКС Австрия ООД Представителство в България](#)
- [X DLQ-1...4-AK | ТРОКС Австрия ООД Представителство в България](#)
- [X Информация | ТРОКС Австрия ООД Представителство в България](#)
- [X General Terms and Conditions of Supply and Payment TROX Austria GmbH | ТРОКС Австрия ООД Представителство в България](#)
- [User Manual](#)