



TLG-LØV

- Design-protected LØV perforation
- Excellent low temperature resistance
- Adjustable slot height
- Low-profile design
- Data provided with Luna plenum box installed
- Box lined with sound absorber in polyester

APPLICATION



TLG-LØV

TLG-LØV is a circular supply diffuser for ceiling mounting. TLG-LØV offers excellent induction, and is suitable for both constant and variable air flow rates.

Design

TLG-LØV features a front panel with LØV perforation and adjustable slot height.

TLG-LØV WITH LUNA PLENUM BOX

The Luna plenum box is recommended for improved sound attenuation, and works as an adjustment and measurement unit. Luna is a rectangular box equipped with a removable damper which provides access to the connecting duct. The damper can be secured in any position required.

Design

Luna plenum box features a damper and measuring outlet for commissioning. It is insulated with sound absorber in polyester and is available with one or two dimensional changes between inlet and outlet. Furthermore, the box can be delivered with external condensation insulation [I]. A lowprofile design [UI] is also available, and for this design a reduction in capacity of approx. 20% will apply. The distance between diffuser and box can be increased by up to 35 cm without extending the wire and measuring tube.

DESCRIPTION

TLG-LØV

Materials and surfaces

The diffuser and ceiling plate are in a steel design, and the connection collar is equipped with an EPDM rubber gasket. All internal and external diffuser elements come in a RAL 9003 - gloss 30 finish. Other colours are available on request.

TLG-LØV WITH LUNA PLENUM BOX

Materials and surfaces

Luna is supplied a galvanised finish, and with all four internal walls lined with sound absorber in polyester. The connection collar is fitted with an EPDM rubber gasket.

INSTALLATION

When mounted in fixed ceiling or inserted in ceiling plate, TLG-LØV is attached by means of two mounting brackets as shown in fig. 5, or the diffuser is screwed on to the box outlet. If a Luna plenum box is used, the unit is attached to the rear of the support bracket by means of threaded rod or strap (fig. 5).

TECHNICAL INFORMATION

ORDER CODE, TLG-LØV (TLG-LOEV)

Product: **TLG-LØV-0-125-0** — SL = Special finish
S = Vertical throw pattern
E = One-way throw pattern
Dimension: Ø100 – Ø315

Example:
TLG-LOEV-0-125-0
Explanation:
TLG-LOEV dim. Ø125

ORDER CODE, Luna

Product: **Luna-0-0-125-125**
UI = Outlet installed, Low profile design
I = External condensation insulation
Dimension outlet: Ø100 – Ø315
Dimension inlet: Ø100 – Ø315

Example:
Luna-0-0-125-125
Explanation:
Luna plenum box with inlet Ø125 and outlet Ø125.

TLG-LØV	[m ³ /h]		
Dim.	25 dB(A)	30 dB(A)	35 dB(A)
100	87	104	123
125	144	167	194
160	238	273	312
200	328	378	436
250	560	650	754
315	825	962	1122

Table 1: The table shows air flow rates at given sound power levels. Maximum slot height and valve fitted directly in straight duct.