

## LØV-R

- Design-protected LØV-perforation
- Excellent with low temperatures
- Flush mounting
- Removable front panel
- Data provided with Luna plenum box
- Box lined with sound absorber in polyester

## APPLICATION



### LØV-R

LØV-R is a circular supply diffuser for ceiling mounting. LØV offers excellent induction and is suitable for both constant and variable volume flow.

#### Design

LØV-R features a removable front panel with LØV perforation.

### LØV-R WITH LUNA PLENUM BOX

The Luna plenum box is recommended for improved sound attenuation, and provides an adjustment and measurement option. Luna is a rectangular box with a removable damper providing access to the connecting duct. The damper can be locked in the position required.

#### Design

The Luna plenum box features a damper and measurement device for adjustment. It is insulated with a sound absorber in polyester and is available with one or two dimensional changes between inlet and outlet. Furthermore, the box can be supplied with external condensation insulation. A low-profile 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



### LØV-R

#### Materials and surfaces

The diffuser front plate are made in steel. The diffuser body is in aluminium and is fitted with an EPDM rubber gasket at the connection collar. All internal and external diffuser elements are finished in RAL 9003 - gloss 30. Other colours are available on request.

### LØV-R MED LUNA PLENUM BOX

#### Materials and surfaces

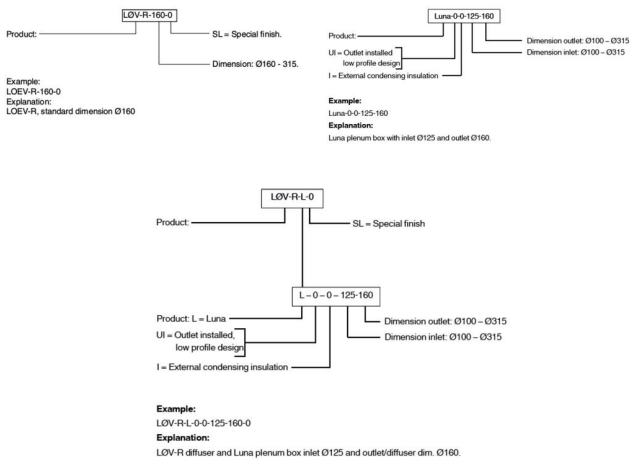
Luna is supplied in a galvanised finish, and with four internal walls lined with a sound absorber in polyester. The connection collar is fitted with an EPDM rubber gasket.

## INSTALLATION



When mounted in fixed ceiling or inserted in ceiling plate, LØV-R is attached by means of two mounting brackets (fig.4). For installation in modular ceiling systems, use of HLØ ceiling plate is recommended. If a Luna plenum box is used, this is attached to the rear of the support bracket by means of threaded rod or strap (fig.5).

## TEKNISK INFORMATION



| LØV-R | [l/s]    |          |          |
|-------|----------|----------|----------|
| Dim.  | 25 dB(A) | 30 dB(A) | 35 dB(A) |
| 100   | 19       | 23       | 27       |
| 125   | 29       | 34       | 39       |
| 160   | 50       | 57       | 66       |
| 200   | 64       | 75       | 87       |
| 250   | 97       | 111      | 128      |
| 315   | 131      | 155      | 184      |

| LØV-R | Luna    | [l/s]    |          |          |
|-------|---------|----------|----------|----------|
| Dim.  | Dim.    | 25 dB(A) | 30 dB(A) | 35 dB(A) |
| 100   | 100-100 | 16       | 20       | 24       |
| 125   | 100-125 | 21       | 25       | 33       |
|       | 125-125 | 24       | 28       | 33       |
| 160   | 125-160 | 27       | 35       | 44       |
|       | 160-160 | 40       | 46       | 53       |
| 200   | 160-200 | 45       | 53       | 63       |
|       | 200-200 | 53       | 60       | 68       |
| 250   | 200-250 | 69       | 80       | 94       |
|       | 250-250 | 76       | 88       | 102      |
| 315   | 250-315 | 87       | 104      | 122      |
|       | 315-315 | 102      | 118      | 138      |