MALCON MARINE AND LAND CONSTRUCTION

# Exhaust valve

# URH

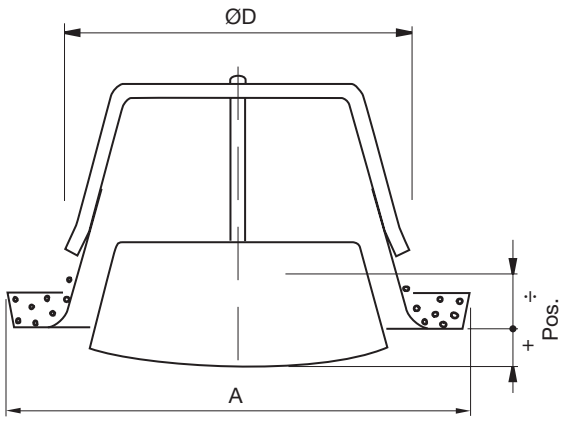




## Description

The URH valve is used for air exhaust. In special cases the URH valve can be used as an supply air valve for installation in a wall (relatively long throw).
The valve has a low sound power level even at a relatively large pressure loss. URH is supplied in four standard sizes: 100, 125, 160 and 200 mm.
The URH valve fits directly into Lindab pipes by means of a standard VRGL type bayonet fitting or VRGU or VRGM type valve bushing.

## Dimensions




| ØD mm | A mm | Weight kg |
|---|---|---|
| 100 | 140 | 0,30 |
| 125 | 165 | 0,40 |
| 160 | 200 | 0,60 |
| 200 | 250 | 0,90 |

## Order code

| Product | URH | aaa |
|---|---|---|
| Type | | |
| Size | | |

## Materials

Materials: Steel



We reserve the right to make changes without prior notice

Lindab

# Exhaust valve URH

## Technical data

### Capacity

Volume flow $q_v$ [l/s] and [$m^3$/h], total pressure drop $\Delta p_t$ [Pa], and A-balanced sound pressure level $L_A$ [dB(A)] can be seen in the diagrams at various cone settings.

### Pressure drop $\Delta p_t$

The diagrams specify the pressure drop $\Delta p_t$ [Pa] as total pressure drop.

### A-balanced sound pressure level $L_A$

The diagrams specify the A-balanced sound pressure level $L_A$ [dB(A)] at a room attenuation of 4 dB.

### Sound power level in octave bands $L_{Wok}$

Sound power level in octave bands $L_{Wok}$ [dB] = $L_A$ + $K_{ok}$ - see table below.

| | Centre frequency Hz | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Size** | **63** | **125** | **250** | **500** | **1K** | **2K** | **4K** | **8K** |
| 100 | - | -2 | -2 | -2 | -1 | -1 | -12 | - |
| 125 | - | 2 | 0 | -1 | -3 | 0 | -9 | - |
| 160 | - | 2 | 0 | -1 | 1 | -5 | -10 | - |
| 200 | - | 2 | -2 | -1 | 1 | -4 | -13 | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| tolerance | - | +/-3 | +/-4 | +/-3 | +/-2 | +/-2 | +/-4 | - |

### Sound attenuation $\Delta L$

Sound attenuation of the diffuser $\Delta L$ (dB) including the end reflection, corresponding to the inlet diameter - see table below.

| | Centre frequency Hz | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Size** | **63** | **125** | **250** | **500** | **1K** | **2K** | **4K** | **8K** |
| 100 | - | 23 | 18 | 15 | 13 | 11 | 6 | - |
| 125 | - | 18 | 16 | 13 | 11 | 9 | 6 | - |
| 160 | - | 18 | 14 | 10 | 11 | 8 | 7 | - |
| 200 | - | 13 | 12 | 9 | 9 | 8 | 5 | - |

### Adjustment

Adjustment data for control of air volume is available in a separate brochure.

