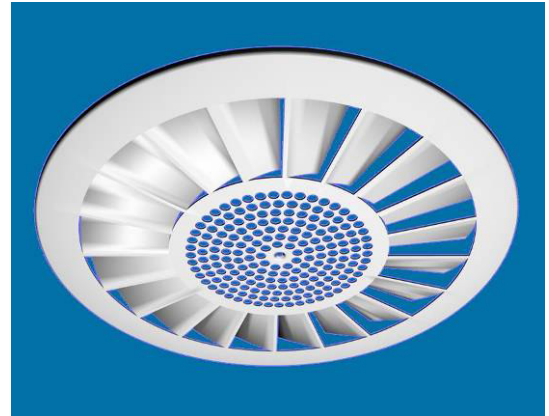


Technical data sheet

Ceiling air diffuser combination GLS 360 Z/A

- Ceiling air diffuser for supply and extract air in one unit
- Supply air guide with twist scoops
- Extract air guide through perforated interior
- Plenum box in galvanized sheet steel, socket position selectable
- Front plate in galvanized sheet steel, in RAL colour 9010, with central fastening
- Optional: plenum box in water-tight version, suitable to set in concrete



Technical Data

- **Air flow range**
40 to 100 m³/h (supply- resp. extract air)
- **Recommended supply air temperature differential**
-6 K bis +1 K
- **Average room air velocity**
Standing level (1,8 m) < 0.17 m/s
Sitting level (1,3 m) < 0.15 m/s
(with a minimum clearance between two outlets of 1,20 m and a minimum room height of 2,80 m)
- **Sound power level (supply- and extract air)**
 $L_W = 60 \times \lg(\text{air flow}) - 80$
Air flow in [m³/h]; L_W in [dB(A)]
Example: Supply air flow 80 m³/h
Extract air flow 80 m³/h
=> $L_W = 60 \times \lg(80) - 80 = 34$ dB(A)
- **Pressure loss**
Supply air $\Delta p_s = (\text{air flow})^2 / 1,800$
Extract air $\Delta p_s = (\text{air flow})^2 / 350$
Air flow in [m³/h]; Δp in [Pa]
- **Weight**
Front plate and plenum box approx. 3.3 kg

Measurements

* variable measures acc. to concrete ceiling thickness

