

Technical data sheet

Ceiling air diffuser GLS 400 / socket 90°

- Ceiling air diffuser
- Supply air guide with twist scoops
- Plenum box in galvanized sheet steel
- Front plate in galvanized sheet steel, in RAL colour 9010, with central fastening
- Optional: Plenum box in water-tight version, suitable for concert seating



Technical Data

- **Air flow range**
120 to 200 m³/h
- **Recommended supply air temperature**
-6 K to +1 K
- **Average room air velocity**
 Standing level (1,7m) < 0.17 m/s
 Sitting level (1,1m) < 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 air**
 $L_w = 60 \times \lg(\text{air flow rate}) - 98$
 Air flow rate in [m³/h]; L_w in [dB(A)]
- **Pressure loss**
 Supply air $\Delta p = (\text{air flow rate})^2 / 5076$
 Air flow rate in [m³/h]; Δp in [Pa]
- **Weight**
 Front plate and plenum box ca. 2 kg

Measurements

* variable measures acc. to concrete ceiling thickness

