

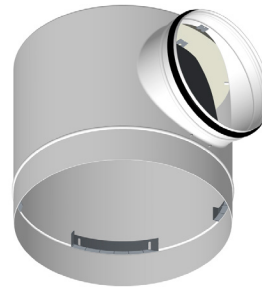
Product description

HMR250/400 – Plenum box [visible mounting; reactive diffuser]

Introduction HMR250/400

HMR-250/400 is a plenum box for supply air diffuser MTC-400 or MTN-400.

- Used for visible mounting.
- Equipped with adjusting damper.
- Sound damping.
- Duct connection 250.
- Equipped with nipple for pressure measurement.
- Fixing brackets for bayonet fitting of diffuser.



HMR-250/400 – Plenum box for visible mounting of the reactive supply air diffuser.

Function

The plenum box is used for installation and initial air flow adjustment with Lindinvent's reactive supply air diffusers.

Pressure, flow and sound levels

See the product description for supply air diffuser MTC or MTN.

Technical specifications

General

Dimensions (mm)

See illustrations below.

Material

Powder coated steel plate.

Insulation: Thermally bound polyester fibre.

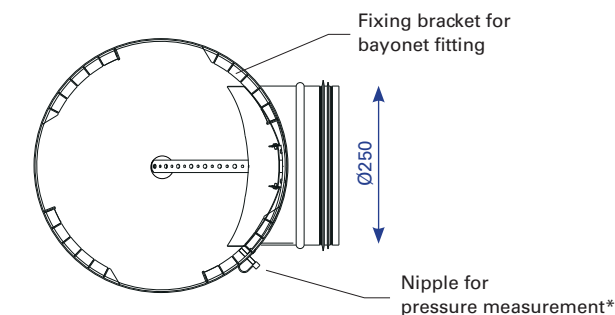
Colour

Standard: RAL 9003; Gloss 30

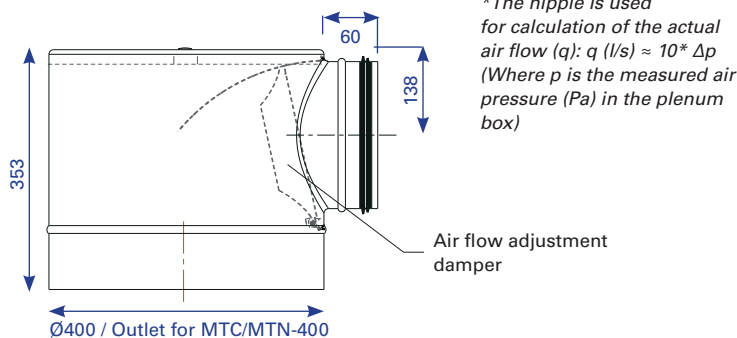
Can be ordered in other colours

Weight

HMR-250/400: 4.9 kg.



HMR-250/400: View from below; duct connection 250.



HMR-250/400: External dimensions in mm.

*The nipple is used for calculation of the actual air flow (q): $q \text{ (l/s)} \approx 10 \cdot \Delta p$ (Where p is the measured air pressure (Pa) in the plenum box)

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Additional product documentation HMR250/400

Table 1: Additional documentation for HMR can be obtained via links on the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction	●		Combined installation instruction with diffuser MTC and MTN
Start-up instruction	●		See start-up instruction for MTC/MTN with instruction for flow distribution between several reactive diffusers in the same main duct.
Maintenance instruction		●	Regarded as maintenance-free
External connection diagram		●	Not applicable
Environmental product declaration	●		Assessed by Byggsvarubedömningen and Sundahus
User information		●	Not applicable
Modbus list		●	Not applicable
AMA text		●	See AMA text for supply air diffuser MTC

Product documentation can be downloaded via
www.lindinvent.se/produkter/



Contact

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Lindinvent – Smarter indoor climate. Greener buildings.

The company offers products and systems for controlling ventilation, lighting, solar shading and local utilization. Equipment and climate solutions are being developed for offices, schools, hospitals, laboratories and similar working environments. Lindinvent's systems work together to provide high indoor comfort and the lowest possible energy use.