

TYPE CR-750

CIRCULAR CEILING DIFFUSER WITH FIXED CORE



DESCRIPTION

The **CR-750** series diffusers are suitable for supply and extract air and can be used for premises of regular height (2.60 – 4.00 m). They consist of fixed concentric circular blades that allow a uniform air distribution on the horizontal plane.

Their main characteristics are:

- Fixed concentric blades for radial air throw pattern.
- Circular frame with a seal on the back so that the perimeter in contact with the ceiling is airtight.

NOMINAL SIZES

The **CR-750** diffusers are available in the following nominal diameters:

- | | |
|----------|----------|
| 1. Φ 150 | 5. Φ 350 |
| 2. Φ 200 | 6. Φ 400 |
| 3. Φ 250 | 7. Φ 450 |
| 4. Φ 300 | 8. Φ 500 |

We highlight that:

- The nominal diameter is the diameter of the **opening** in the plenum box/duct.

ACCESSORIES

- Butterfly volume damper. **(- D)**
- Crossbar for concealed fixing.
- Plenum box.

INSTALLATION - FIXING

The diffuser has no holes on the frame; it is fixed on the plenum box with the crossbar by means of central screw.

The diffuser is also available in (600 x 600) mm tile to replace false ceiling tiles.

AIR FLOW CONTROL

The air flow is easily regulated by the volume damper.

MATERIALS

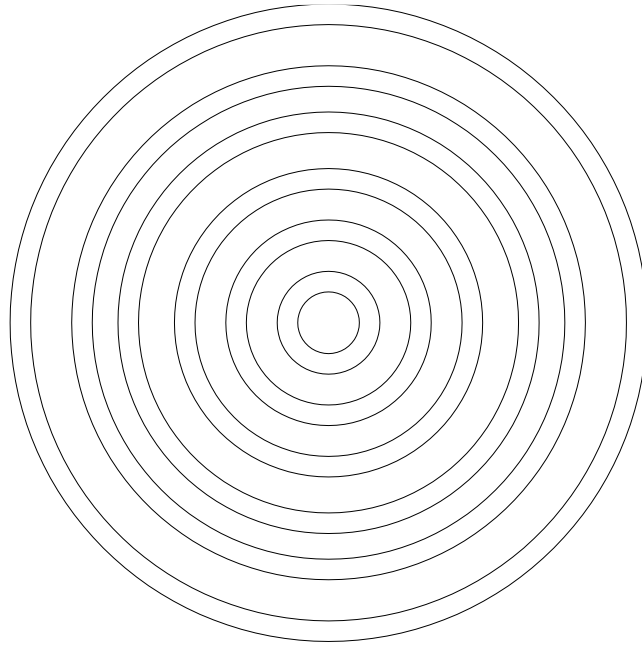
Frame and blades: Extruded aluminium anodized in matt silver or powder coated in RAL colour.

Volume damper: Galvanized steel sheet.

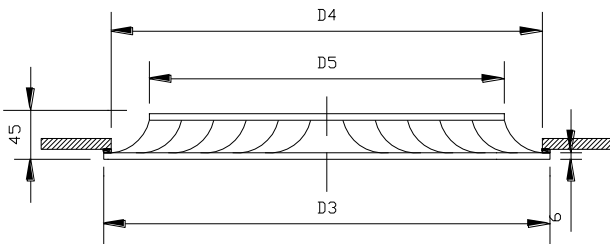
Crossbar: Galvanized steel sheet.

SPECIFICATION TEXT

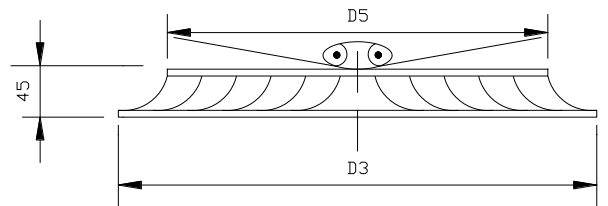
Circular ceiling diffuser consisting of fixed concentric conical blades from anodized aluminium. With optional butterfly damper and/or crossbar.



CR-750 – VIEW



CR-750 – SECTION



CR-750 – SECTION WITH DAMPER

Nominal Sizes (D)	D ₃	D ₄	D ₅
150	250	205	148
200	300	255	198
250	350	305	248
300	400	355	298
350	450	405	348
400	500	455	398
450	550	505	448
500	600	555	498