Air distribution · Ceiling diffusers

Swirl diffusers

Square-face swirl diffusers with radial blades. The swirling air pattern mixes supply air with room air quickly, which keeps temperatures even and limits draughts. Made from aluminium in two face sizes.

Part numbers

Part number	Description	Size (mm)	Unit
AS-SWD-595	Swirl diffuser 595 × 595	595 × 595 face	Each
AS-SWD-450	Swirl diffuser 450 × 450	450 × 450 face	Each

Key specifications

Face sizes	595 × 595 mm, 450 × 450 mm
Material	Aluminium
Air pattern	Radial swirl
Ceiling	595 size suits 600 mm T-bar grids

General

Product type	Square-face swirl diffuser
Material	Aluminium
Air pattern	Radial swirl, 360°

Sizes

AS-SWD-595	Face 595 × 595 mm
AS-SWD-450	Face 450 × 450 mm

Overview

A swirl diffuser throws supply air out in a spiral. The air mixes with room air close to the ceiling, so it reaches people at an even temperature and a low speed. This makes swirl diffusers a good choice where ceilings are high or air change rates are high.

The 595 × 595 size suits a standard 600 mm T-bar ceiling grid. The 450 × 450 size suits smaller rooms and lower airflows.

Both sizes are made from aluminium, which does not rust and keeps its finish in humid ceiling spaces.

Typical applications

Offices and commercial fit-outs · Retail and hospitality · Classrooms and meeting rooms · Spaces with high ceilings

Trade pricing: send part numbers and quantities to harjot@austrasupply.com or through austrasupply.com/contact.

Specifications may change without notice. Confirm details for your project with Austra Supply before ordering.