

# RASTER GRL

Raster grille for extract air/transfer air designed for square suspended ceiling systems



## QUICK FACTS

- Used in square ceiling system
- Standard finish white RAL 9003/NCS S 0500-N
- Can be placed directly in the T15//T24 Lay in suspended ceiling system
- Designed for installation in Swegon's ADAPTER for suspended ceiling systems.

Size (mm)	AIR FLOW – SOUND LEVEL	
	l/s (m <sup>3</sup> /h)	
	5 Pa, 20 dB(A)	10 Pa, 25 dB(A)
395x395	340 (1220)	450 (1620)
495x495	520 (1875)	720 (2600)
595x595	800 (2880)	900 (3240)
1195x595	1500 (5400)	2000 (7200)

NOTE! max. velocity over the front area = 2 m/s

# Technical description

## Design

Square raster grille for extract air or transfer air. Designed for installation in a suspended ceiling system. Can be installed in Swegon's ADAPTER for suspended ceiling systems.

## Materials and surface treatment

The grille is made of aluminium. Finished in standard white, RAL 9003/NCS S 0500-N.

The air diffuser is also available in an unpainted finish or in optional standard colours: matt grey RAL 7037, white aluminium RAL 9006, jet black RAL 9005, grey aluminium RAL 9007 and white RAL 9010.

## Commissioning

A flow measuring damper installed in the duct system is recommended for commissioning and air flow measurements.

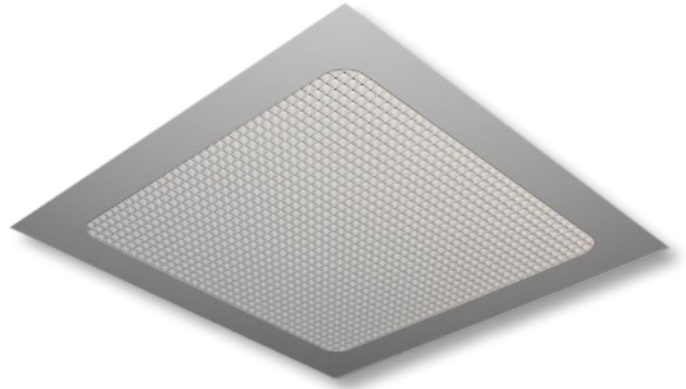
## Maintenance

Clean the grille if needed with lukewarm water and dishwashing detergent added. Alternatively, use a vacuum cleaner with a brush nozzle when cleaning. The ducting system is accessed easily by lifting the grille from the suspended ceiling system/ADAPTER.

## Environment

The Building Materials Declaration is available from [www.swegon.com](http://www.swegon.com).

## Installation



## Engineering graph

- The graph must not be used for commissioning
- The dB(A) values are for rooms with normal acoustic absorption of 4 dB.
- The dB(C) value lies normally 6-9 dB above the dB(A) value.

## Extract air - Raster grille

### Air flow - Pressure drop - Sound level

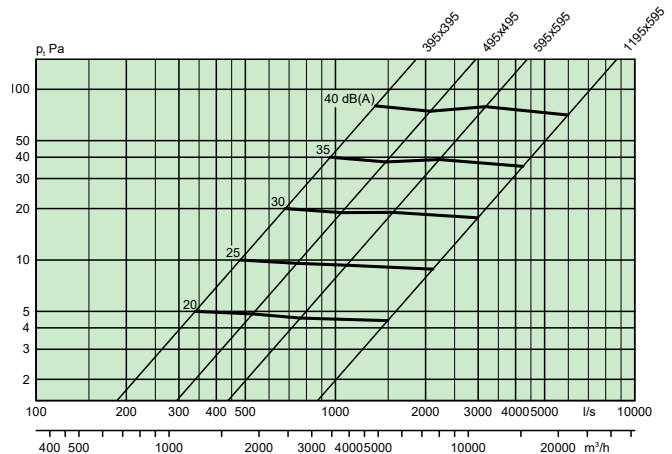


Figure 1. Raster installation.



Figure 2. Raster installation in ADAPTER.

# Dimensions and weights Specification

Size AxB (mm)	Weight (kg)
395x395	0.38
495x495	0.60
595x595	0.85
1195x595	1,79

## Product

Square raster grille for extract air/transfer air

RASTER GRL

aaa x bbb

Dimensions, (mm)

395x395, 495x495, 595x595, 1195x595

## Specification text

Swegon's square grille RASTER GRL for suspended ceiling systems.

- Fixed horizontal and vertical aluminium vanes
- Powder-painted and baked white finish, RAL 9003/NCS S 0500-N

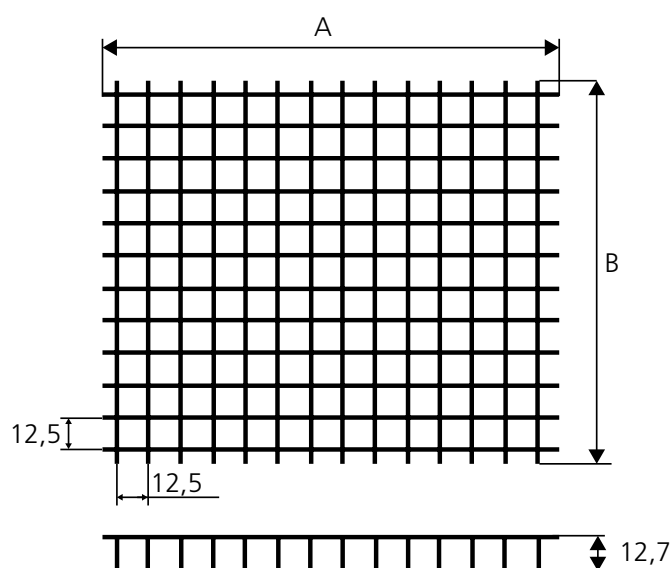


Figure 3. Dimensions raster grille.