

## Diffusers - ETL - Intertek Tested

Type: Supply / Return Ceiling Diffuser

Throw: Two way Corner

Model: SAD-AB-12C; RAD-AB-12C

Construction: Aluminium

### Description

Diffuser frame and core are made of high quality extruded aluminium profiles and discharges air in either way as per blade arrangement.

Diffuser core is fixed to the frame using aluminium pins, which are removable to provide access for damper adjustment. The opposed blade damper is rigidly fixed to the frame by spring clips and is screw operated from the face opening of the diffuser. Nylon bushes are installed between blade and frame for rattle free operation.

### Standard Construction

#### Frame

Extruded aluminium profile with 33 mm flange width.

#### Core

Die punched single piece sheet.

#### Damper

Opposed Blade Damper with extruded aluminium frame and blade operated with screw.

#### Bushes

Nylon.

#### Finish

Available with RAL powder coating, please specify color.

### Optional Fittings

#### Plenum Chamber

Plenum is available with circular, square or rectangular spigots in either top or side entry applications.

#### Neck Reducer (R)

Neck reducers are available with circular, square or rectangular spigots in top entry only.

#### Foam Gasket

Provided all around the frame, to prevent leakage of air.

#### Damper Finish

Black matte.

#### Finish

Mill finish or Chrome plating.

#### Frame and Core

Available in Stainless Steel (304/316L).

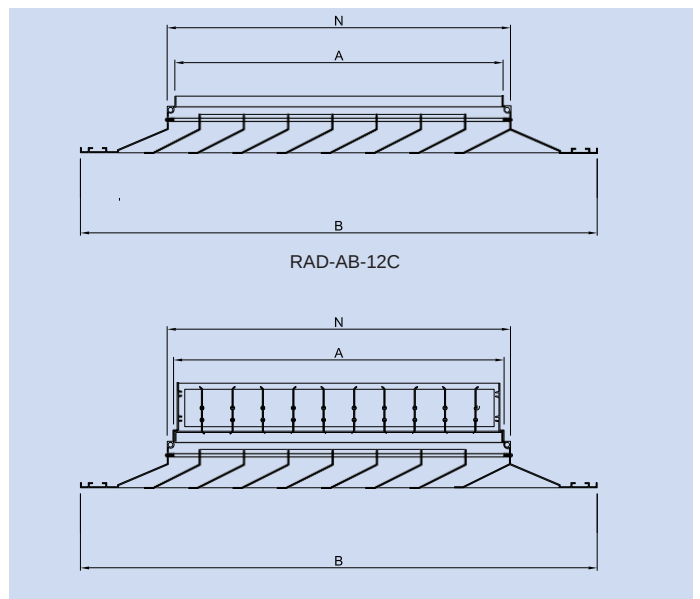
#### Note:

Available in rectangular sizes & are suitable for flush mounting in lay-in type ceiling.

SAD - Supply Air Diffuser (with Damper) & RAD - Return Air Diffuser (without Damper)



SAD-AB-12-C



SAD-AB-12C

| Standard Sizes of Square type Models |     |               |     |               |     |
|--------------------------------------|-----|---------------|-----|---------------|-----|
| N = Nominal Size                     |     | A = Neck Size |     | B = Face size |     |
| L x W                                |     | L x W         |     | L x W         |     |
| 150                                  | 150 | 145           | 145 | 295           | 295 |
| 225                                  | 225 | 220           | 220 | 370           | 370 |
| 300                                  | 300 | 295           | 295 | 445           | 445 |
| 375                                  | 375 | 370           | 370 | 520           | 520 |
| 450                                  | 450 | 445           | 445 | 595           | 595 |
| 525                                  | 525 | 520           | 520 | 670           | 670 |
| 600                                  | 600 | 595           | 595 | 745           | 745 |

Selected Products of the company have been Classified / Listed / Tested by various international testing authorities.