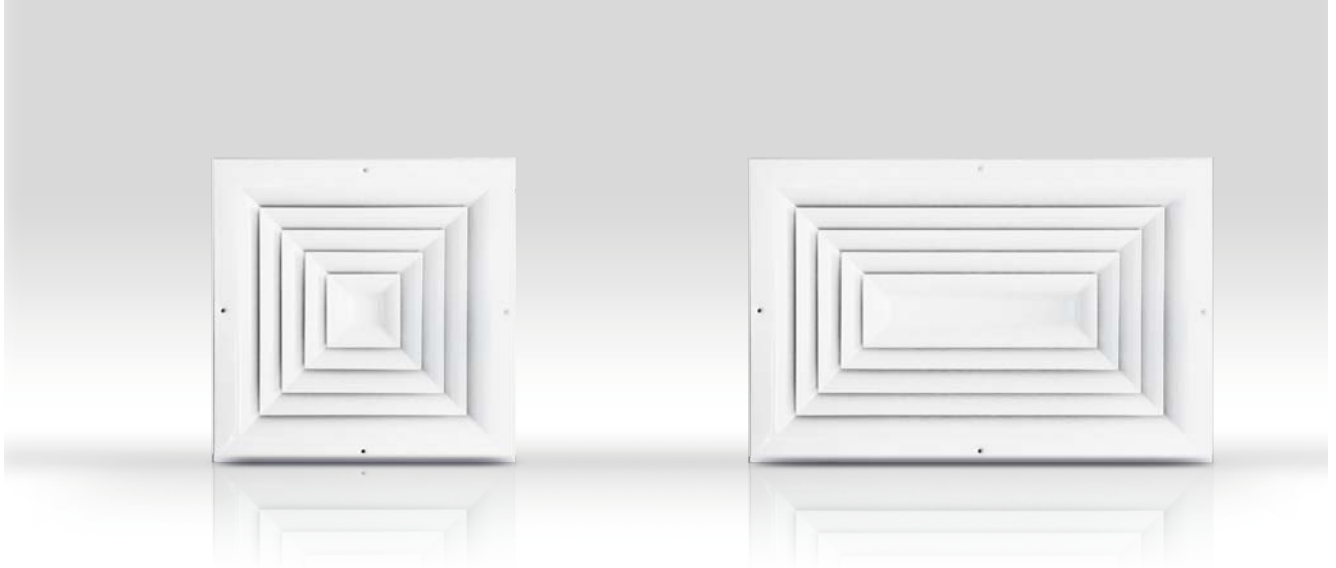


2.1.1. Square and rectangular diffuser

ASN



**Use:**

Air supply and air exhaust in low and medium pressure installation in non aggressive environment with relative humidity up to 70%. Recommended for horizontal air supply in rooms up to approximately 4m high.

**Fitting:**

On rectangular ventilation ducts, in plenum boxes and in suspended ceilings. Fitted using visible bolts in pressed holes in the front frame or mounted using a central bolt.

**Construction:**

The front frame and blades are made of rolled, diffusion formed steel sheet profiles. Fixed setting of the blades in the external frame.

**Material:**

Black steel sheet – galvanized or acid resistant, or aluminium.

**Surface finish:**

RAL 9003 white powder coat or other colour according to RAL catalogue on demand.

**Flow regulation:**

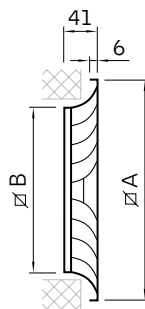
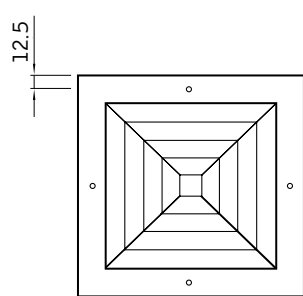
With counter directional damper type P without the necessity of dismantling the diffuser, or with a single leaf damper at the SR plenum box inlet.

**Certificates:**

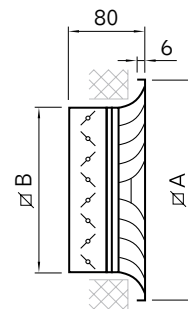
Technical recommendation: RT ITB-1148/2010

Hygiene certificate: HK/B/1705/01/2008

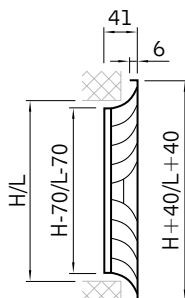
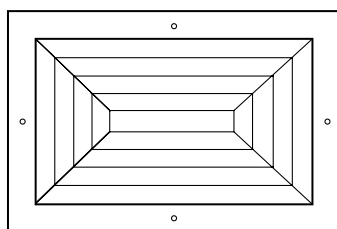
**Dimensions and type marking:**



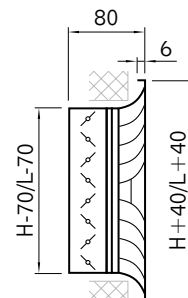
ASN-4



ASN-4-P



ASN-9



ASN-9-P

**Production range**

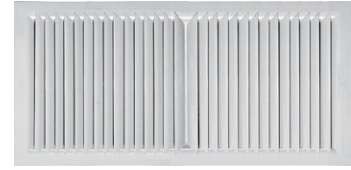
∅ A [mm]	∅ B [mm]
190	80
245	135
301	191
357	247
412	302
469	359
498	388
595	488
623	513

## Square and rectangular air supply diffusers ASN – manufacturing variants

ASN-0



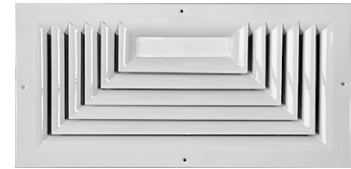
ASN-6



ASN-1



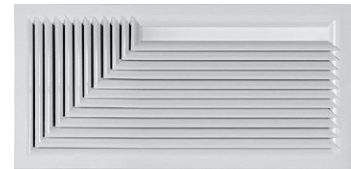
ASN-7



ASN-2



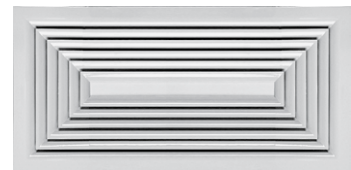
ASN-8



ASN-3



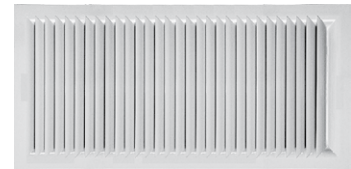
ASN-9



ASN-4



ASN-10



ASN-5



ASN-11



ASN-12



ASN-13

