**Use:**

Air supply or 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 4 m.

**Fitting:**

On rectangular profile air ducts, in plenum boxes and in suspended ceilings. With the use of visible bolts in a central bolt in holes pressed in the front panel or with the use of a central bolt bracket.

**Construction:**

Steel panel with pressed fixed blades and air outlet diameter  $\varnothing$  350 in square panel AWR-3-PK or circular AWR-3-PO, as well as radially placed vents (standard number of vents 16, 24 and 32), adjustable (recommended adjustment: 45°).

**Material:**

Black steel sheet, galvanised or aluminium.

**Surface finish:**

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

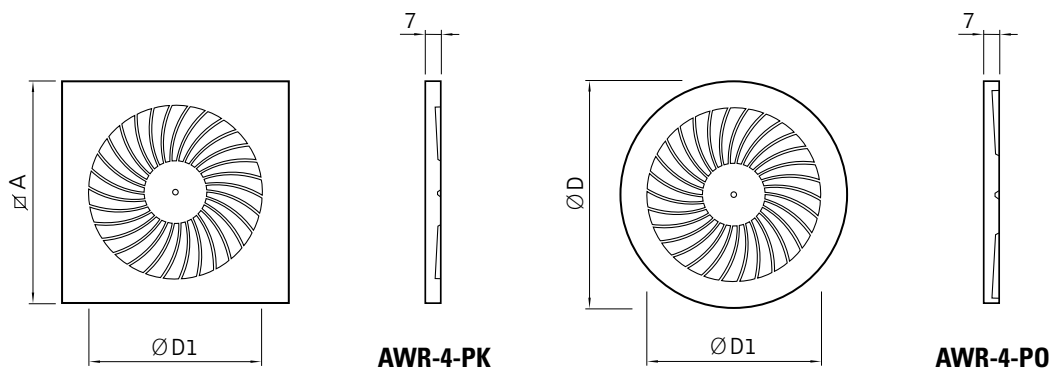
**Air flow regulation:**

With a single leaf damper at the inlet of a SR plenum box.

**Certificates:**

Technical recommendation: RT ITB-1148/2010

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

**Dimensions and type marking:****Production range and chart for selection**

Diffuser dimensions		Air outlet diameter	Air outlet	Pressure loss	Acoustic power level
$\varnothing$ A [mm]	$\varnothing$ D [mm]	$\varnothing$ D1 [mm]	Q [m <sup>3</sup> /h]	$\Delta$ P [Pa]	[dB(A)]
398 498 595 623	450 500 600 625	350	150	4,0	<20
			200	8,5	<20
			300	17	27
			400	35	37
			500	49	43
595 623	600 625	540	300	5	<20
			400	9	21
			600	19	31
			800	37	41
			1200	84	54