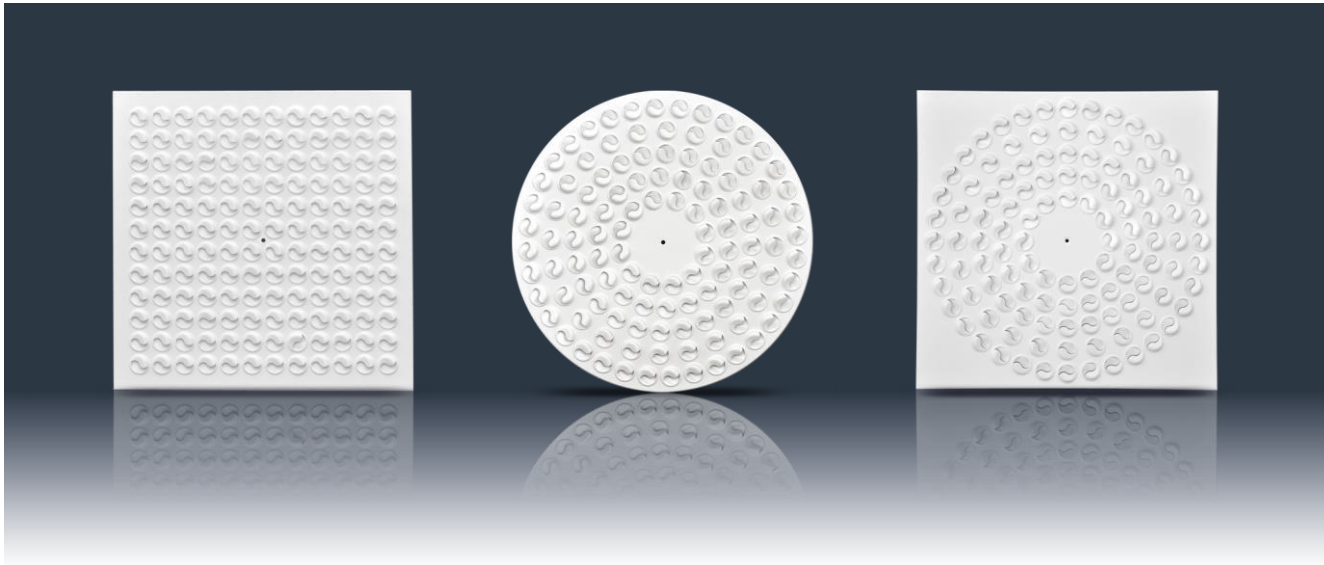


## 2.2.9. Multi-directional diffusers with nozzles

AWK-D

**Use:**

Supply or exhaust in low and medium pressure installation in non aggressive environment with relative humidity up to 70%. Possibility to gain any profile of the supplied air. Designed for ventilation of rooms height from 2.6 m to 4.5 m.

**Assembly:**

On rectangular or circular ducts, in plenum box assembly central screw

**Construction:**

Steel panel with outlets placed in series and sinusoidal shape of openings. Different direction of air flow depending on adequate setting of plastic material outlets. Typical diameters of outlets: 38 mm and 55 mm (efficiency of the outlet respectively: 6,5 m<sup>3</sup>/h i 8 m<sup>3</sup>/h for LWA = 30 [dB(A)]). Standard colour of outlets - white.

**Material:**

Black steel sheet, galvanized, aluminum

**Surface finish**

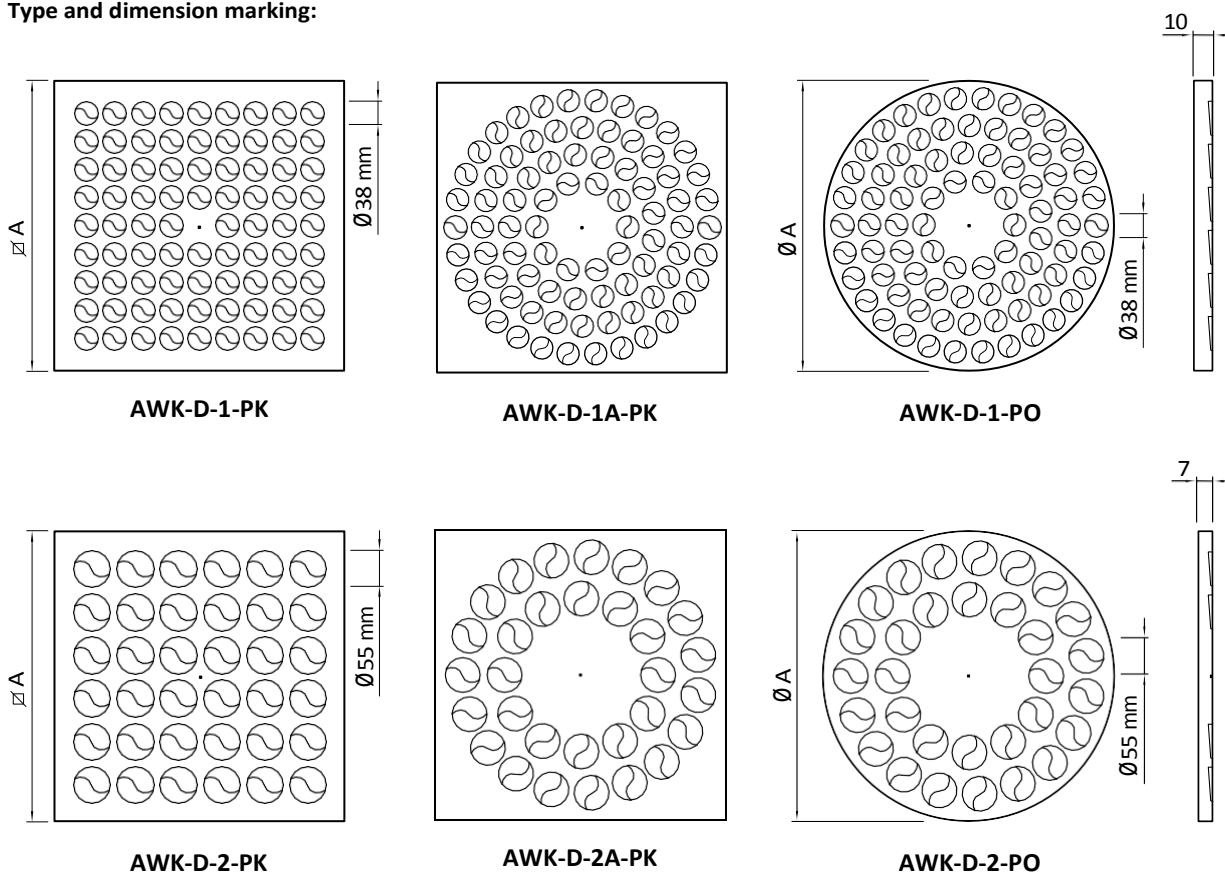
RAL 9003 white powder coat or other RAL colour according to RAL catalogue on demand.

**Air flow regulation:**

With damper in inlet of plenum box

**Certificates:**

Hygienic certificate: BK/K/0926/01/2018

**Type and dimension marking:**

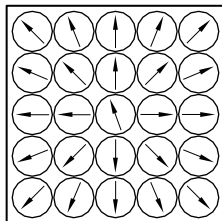
## Multi-directional diffusers with nozzles AWK-D - technical data

## Products range:

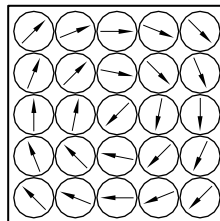
Sizes	▣ A	∅ D	Nr. Of nozzles ∅ 38 mm	Nr of nozzles ∅ 55 mm	Type of diffusers	
300	310	-	36	-	AWK-D-1-PK/310-36	
			-	16	AWK-D-2-PK/310-16	
						AWK-D-1A/310-25
	-	310		25	-	AWK-D-1-PO/310-25
				-	12	AWK-D-2-PO/310-12
400	398	-	64	-	AWK-D-1-PK/400-64	
			-	24	AWK-D-2-PK/400-24	
						AWK-D-1A/400-45
	-	398		45	-	AWK-D-1-PO/400-45
				-	24	AWK-D-2-PO/400-24
500	498	-	100	-	AWK-D-1-PK/500-100	
			-	36	AWK-D-2-PK/500-36	
						AWK-D-1A/500-79
	-	498		79	-	AWK-D-1-PO/500-79
				-	36	AWK-D-2-PO/500-36
600	595	-	144	-	AWK-D-1-PK/600-144	
			-	48	AWK-D-2-PK/600-48	
						AWK-D-1A/600-114
	-	595		114	-	AWK-D-1-PO/600-114
				-	58	AWK-D-2-PO/600-58

## Supply direction:

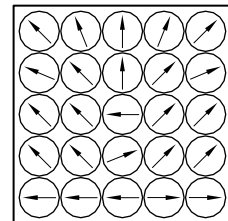
4 ways



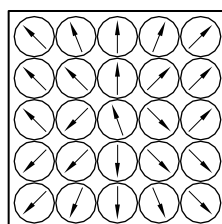
round



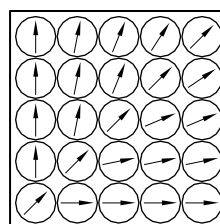
3 ways



2 ways



2 ways



1 way

