

**Use:**

Air supply or air exhaust in low and medium pressure installation in non aggressive environment with relative humidity up to 70%. The air stream causes high air entrainment providing ventilation in rooms without draughts. Recommend for cold air supply.

**Fitting:**

In rectangular profile ducts (via WMC support bracket), in plenum boxes and in suspended ceilings (also in AWR-2-K ceiling panel type). Fitted with a central screw.

**Construction:**

Front frame with diffuser shaped profile of steel sheet. Steel fixed blades mounted in the external frame

**Material:**

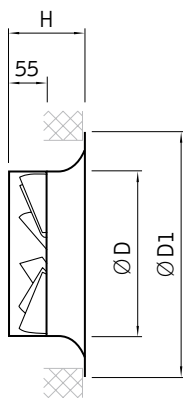
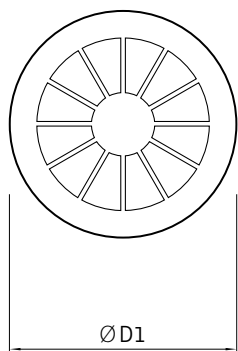
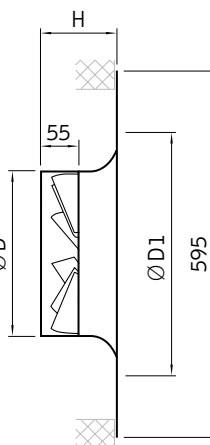
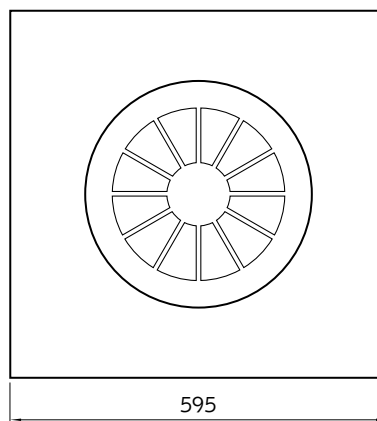
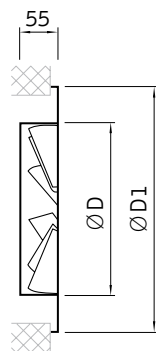
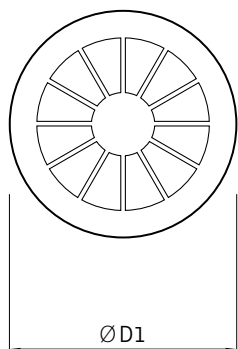
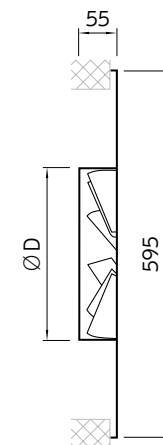
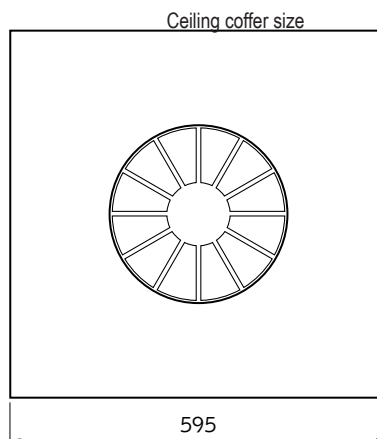
Steel sheet.

**Surface finish:**

White powder coat RAL 9010 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.

**Dimensions and type marking:****AWR-2-A****AWR-2-A-K****AWR-2-B****AWR-2-B-K**

## AWR-2 swirl-radiated diffuser – technical data

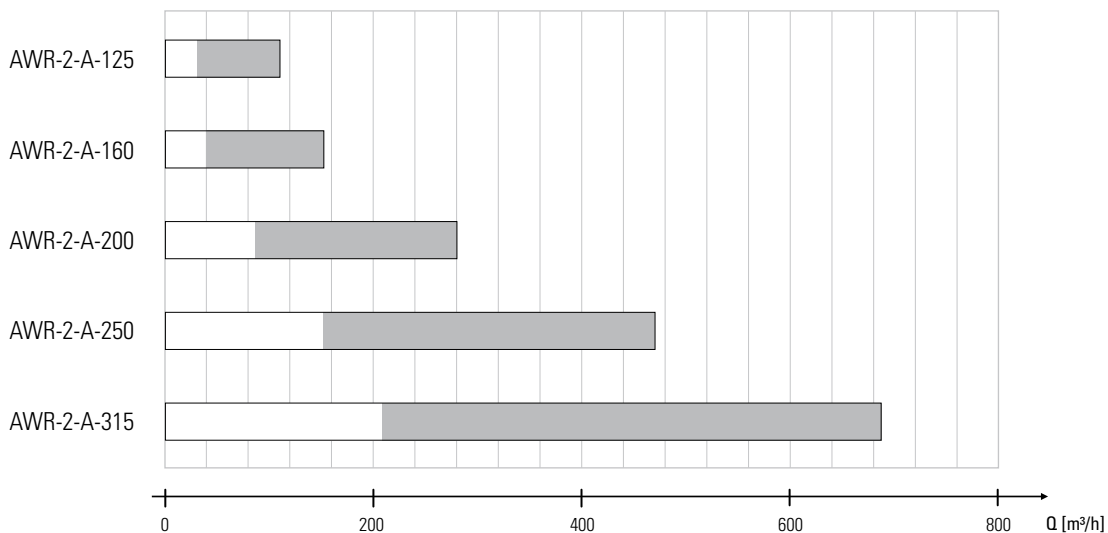
Production range:

Size	AWR-2-A			AWR-2-B	
	Ø D	Ø D1	H	Ø D	Ø D1
125	122	225	82	122	171
160	157	250		157	214
200	197	300		197	264
250	247	350	85	247	326
315	312	415		312	404
400	-			397	500

Chart for selection of AWR-2-A:

Size	Air stream $Q$ [m <sup>3</sup> /h]	Pressure loss $\Delta p$ [Pa]	Noise level $L_{WA}$ [dB(A)]
125	30 - 110	5 - 50	<20 - 43
160	40 - 150	5 - 46	<20 - 42
200	90 - 280	5 - 50	<20 - 46
250	150 - 470		<20 - 44
315	210 - 690	5 - 51	<20 - 48

AWR-2-A range of use:



## AWR-2 swirl-radiated diffuser – technical data

Chart for selection of AWR-2-A:

Size	Air stream Q [m <sup>3</sup> /h]	Pressure loss $\Delta p$ [Pa]	Noise level $L_{WA}$ [dB(A)]
125	30 - 80	5 - 26	<20 - 41
160	40 - 140	5 - 30	<20 - 45
200	70 - 180		<20 - 41
250	125 - 370	5 - 35	<20 - 46
315	200 - 630	5 - 45	<20 - 50
400	320 - 1050	5 - 50	

AWR-2-A range of use:

