

square exhaust diffusers



DESCRIPTION

AW are square exhaust diffusers designed for low- and mediumpressure installations, which can be used with constant and variable airflow. It is recommended they are installed in ceilings plane.

AW-P are square exhaust diffusers equipped with a control throttle. Adjustable angle of the throttle allows for adjusting airflow capacity.

FEATURES

- made of aluminium profiles and decorative perforated sheet, available in standard RAL 9003 colour
- AW-P diffusers are equipped with control throttle that allows for adjusting airflow capacity
- throttle blades made of profiled aluminium-zinc sheet
- · can be installed with an expansion can SR/AW
- made in 8 standard sizes
- upon customer's request, gates can be made in any size and colour from RAL palette
- given sizes are sizes of installation holes
- Two types of external profile
- with the size 8, You can choose an external flat profile mounted in the coffered panels 600x600
- · the ability to manufacture acid-proof sheet

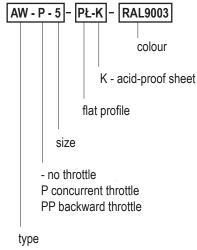
INSTALLATION

Diffusers AW are designed for installation in the underslung ceilings. They can be installed individually or with the expansion can.

Prepare an installation hole of a size $\Box C$ and slide the diffuser in. Remember to seal the joints. Fix the diffuser in, using installation holes and appropriate screws.

Installation with the connection can: see SR/AW

ORDER REFERENCE



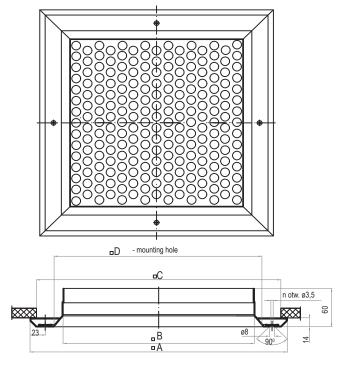


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STANDARD SIZES

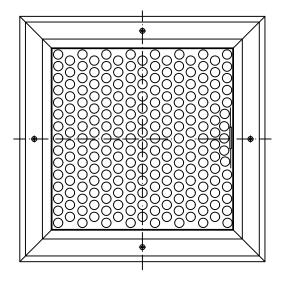
EXHAUST DIFFUSER AW

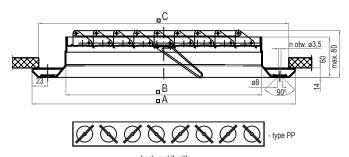
Nr	1	2	3	4	5	6	7	8
□A [mm]	240	290	340	390	440	490	540	590
□B [mm]	140	190	240	290	340	390	440	490
□C [mm]	215	265	315	365	415	465	515	565
□D [mm]	170	220	270	320	370	420	470	520
n	2				4			
Capacity [m³/h]	15 - 200	25 - 350	45 - 580	65 - 850	85 - 1150	110- 1550	140- 1950	170- 2450
Weight [kg]	0,35	0,47	0,60	0,73	0,85	1,00	1,12	1,30



EXHAUST DIFFUSER AW-P

Nr	1	2	3	4	5	6	7	8
□A [mm]	240	290	340	390	440	490	540	590
□B [mm]	140	190	240	290	340	390	440	490
□C [mm]	215	265	315	365	415	465	515	565
□D [mm]	170	220	270	320	370	420	470	520
n	2				4			
Capacity [m³/h]	15 - 200	25 - 350	45 - 580	65 - 850	85 - 1150	110 - 1550	140 - 1950	170 - 2450
Weight [kg]	0,55	0,80	1,00	1,40	1,70	2,20	2,60	3,00







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FEATURES

The figure shows airflow capacity V (m^3/h), pressure loss p (Pa), airflow scope L (m) for end speed of 0.25 m/s, and volume level [db(A)].

