

Jet Nozzles

Type 'AJA'

This jet nozzle is designed to deliver large volume of supply air to a large enclosed space that requires long throw, for example assembly halls, auditoriums and convention halls. They can be installed either to the side walls or mounted directly onto supply air ductwork.

The discharge nozzle can be tilted vertically and set at any angle between 30° up or down in the vertical plane (i.e., with up to 60° adjustment). This is Type 'AJA-1'.

Alternatively, as optional extra, each jet nozzle can be fitted with a circular mounting flange that will enable the nozzles to be manually rotated through 360°, giving it the ability to direct air in a 60° conical fashion. This is Type 'AJA-2'.

Each nozzle is held in the set position by friction-held fixings. The quick selection given in Table 1 is based on NC 35 with 8 dB room attenuation.

REAR ASSEMBLY:

The jet nozzle can be supplied with either;

- Plenum box only.
- Plenum box with opposed blade balancing damper.

STANDARD FINISH:

Powder coated to RAL 9010 matt white.

Type 'AJA' Jet Nozzles

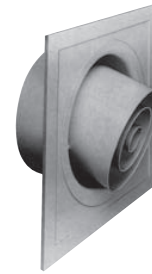


Table 1: Quick Selection table for AJA Jet Nozzles

Size	No. of elements	Flow (l/s)	ΔP (Pa)	Throw (m)	Drop (m)
200	1	190	60	12	7.0
	2	320	43	12	7.0
	3	455	39	13	7.0
	4	570	35	15	5.5
250	1	300	60	16	10.0
	2	550	48	16	10.0
	3	850	45	17	10.0
	4	1040	40	17	9.0
300	1	390	50	17	15.0
	2	740	40	18	15.0
	3	1040	35	18	14.0
	4	1320	30	18	13.0
350	1	470	30	17	17.0
	2	880	29	18	17.0
	3	1290	28	18	17.0
	4	1600	24	18	17.0

NOTE: Anticipated noise level is NC 35 with 8 dB room attenuation.

Order Code AJA -2-PG / 250 / 2 / 0 / 0 / RAL 9002

Type _____

AJA-1 with vertical angle adjustment only
AJA-2 with 60° conical angle adjustment.

Rear assemblies _____

0 – Without plenum
PG – With plenum and volume control damper.
PO – With plenum only.

Nozzle size _____

200; 250; 300 or 350.

Number of nozzles / unit _____

From 1 to 4 (max.) for AJA-2 only.

RAL Colour Code

To state colour code if it is any other colour other than RAL 9010.

Powder coating

0 – Matt white (RAL 9010) as **standard supply**.
1 – For any other RAL colour.

Fixing requirement

0 – Border with counter punched holes (**Standard supply**)
1 – Border without counter punched holes.

Note: For further details, please refer to TROX KLIMA Asia Pacific catalogue Ref. M 1.2/5.1/EN/--.