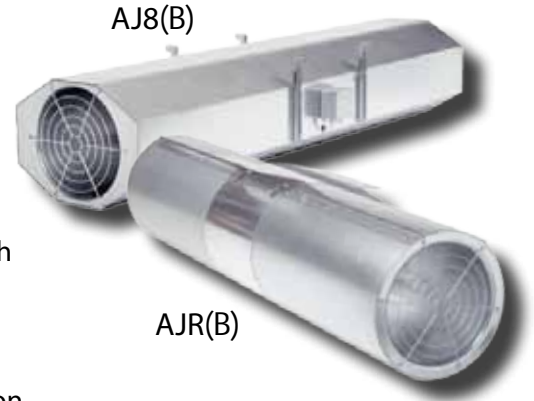


Jet fan systems for car park ventilation AJR(B) and AJ8(B) for safe daily ventilation and smoke extraction (300°C/2h) in accordance with EN 12101-3.

Standard features:

- Adjustable aluminium impellers for maximum efficiency
- Casing manufactured from galvanized sheet steel
- IEC standard motors IP55 for CO exhaust (40°C – 55°C) or IP54 for high temperature (300°C/2h) applications
- Fully reversible blade settings available on request
- Terminal box IP66/67 for easy access at the outer fan casing
- Pre-assembled mounting brackets for safe and easy ceiling suspension
- Removable fan module also after installation for easy maintenance
- Two design versions: circular AJR(B) and octagonal AJ8(B)



Systemair Jet fans AJR(B) and AJ8(B) offer highest system performance at low installation and running costs. The system provides day-by-day ventilation as well as smoke extraction. For straight airflow the silencers have integrated inlet cones and guide vanes. The sound attenuating material is non-inflammable according to DIN 4102, corresponding with EU guideline 97/69. As accessory, deflectors on the outlet side are available. The dual purpose fans guarantee rapid smoke extraction, smoke cooling and limit smoke spread in the event of fire. This means better smoke control compared to conventional systems. Systemair jet fans have been tested in accordance with EN 12101-3 and are CE-labelled. Jet fan systems do not require expensive and complex duct systems. Thus additional savings are gained in exhaust air fans due to reduced system resistance. The "on demand" ventilation due to CO detectors allows an energy-saving operation. Systemair offers an accurate CFD-simulation to every project. A fee is charged and reimbursed when ordering. The simulation is needed to confirm the optimum performance of the system.

Jet fan type 400V/50Hz	Thrust N	Air volume m ³ /s	Motor rated power kW	Current Amps	Speed rpm	Sound level at 3m from centre of casing LpA dB	Weight kg AJR	Weight kg AJ8	temp °C
AJR(B) & AJ8(B)									
315-2	23	1.22	0.75	1.8	2900	65	78	82	55 °C
315-2/4	23/6	1.22/0.61	0.75/0.17	1.74/0.63	2860/1420	65/50	80	84	55 °C
355-2	37	1.75	1.1	2.5	2900	71	84	88	55 °C
355-2/4	37/9	1.75/0.87	1.4/0.3	3.13/1.11	2880/1430	71/56	86	90	55 °C
400-2	55	2.14	1.5	3.3	2840	74	93	97	55 °C
400-2/4	55/11	2.14/1.07	1.9/0.4	4.18/1.47	2885/1435	74/59	95	99	55 °C
315-2 (B)	23	1.22	0.75	1.8	2900	65	78	82	300°C/2hr
315-2/4 (B)	23/6	1.22/0.61	0.75/0.15	1.6/0.4	2880/1450	65/50	80	84	300°C/2hr
355-2 (B)	37	1.75	1.1	2.5	2870	71	84	88	300°C/2hr
355-2/4 (B)	37/9	1.75/0.87	1.3/0.25	3.1/0.68	2905/1460	71/56	86	90	300°C/2hr
400-2 (B)	55	2.14	1.5	3.2	2870	74	93	97	300°C/2hr
400-2/4 (B)	55/11	2.14/1.07	1.8/0.37	3.9/0.95	2880/1455	74/59	95	99	300°C/2hr

Air volume related to air density 1.2kg/m³

