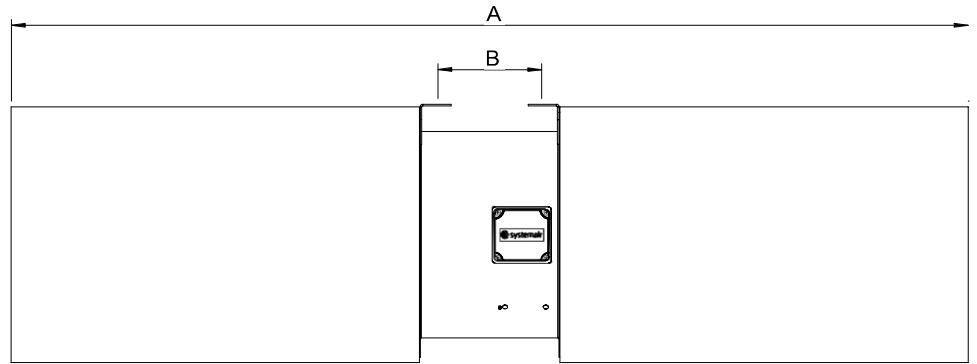
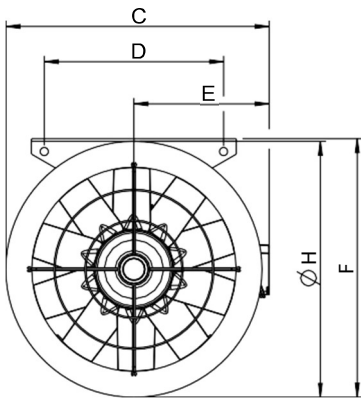


AJ Series

Axial Impulse Jet Fans



Dimensions in inches (millimeters)

| | A | B | C | D | E | F | H |
|---------|-------------|-----------|------------|------------|------------|------------|------------|
| AJR 315 | 60.4 (1535) | 8.3 (211) | 17.0 (433) | 10.4 (265) | 8.8 (223) | 16.7 (425) | 16.5 (420) |
| AJR 355 | 66.8 (1697) | 8.3 (211) | 18.5 (470) | 12 (305) | 9.4 (239) | 18.3 (465) | 18.1 (460) |
| AJR 400 | 73.6 (1869) | 8.3 (211) | 20.2 (513) | 13.8 (351) | 10.3 (351) | 19.9 (506) | 19.8 (503) |

Specification Data

| Model | Voltage, V 3ph | Amperage, A | Frequency, Hz | Input Power, kW | ¹ Flow Rate | | | | ² Octave Bands Sound Power Levels, Lw [dB] | | | | | | | | ³ Total Sound dB(A), LpA @ 10ft |
|-----------------|-------------------|-------------|---------------|-----------------|------------------------|--------------|-----------|------------------------------|---|-----|-----|-----|------|------|------|------|--|
| | | | | | RPM | Airflow, CFM | Thrust, N | Thrust/Fan input Power, N/kW | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| AJR 315 B TR | 400V | 1.4 | 50 | 0.77 | 2900 | 2436 | 20.1 | 26.2 | 40 | 51 | 66 | 58 | 59 | 57 | 54 | 47 | 68 |
| AJR 315 B TR | 380-460V | 1.5 | 60 | 0.98 | 3340 | 2567 | 22.3 | 22.7 | 86 | 84 | 97 | 80 | 81 | 78 | 75 | 70 | 72 |
| AJR 355 B TR | 400V | 2.4 | 50 | 1.38 | 2900 | 3714 | 36.4 | 26.4 | 53 | 51 | 73 | 28 | 59 | 61 | 57 | 59 | 73 |
| AJR 355 TR | 380-460V | 2.7 | 60 | 1.79 | 3500 | 4587 | 51.5 | 28.8 | 85 | 87 | 104 | 83 | 81 | 85 | 81 | 77 | 79 |
| AJR 400 B TR | 400V | 3.8 | 50 | 2.12 | 2900 | 5331 | 59.3 | 28.0 | 45 | 53 | 74 | 60 | 60 | 66 | 59 | 52 | 75 |
| AJR 400 TR | 380-460V | 3.9 | 60 | 2.65 | 3500 | 6085 | 51.5 | 28.8 | 85 | 87 | 104 | 83 | 81 | 85 | 81 | 77 | 79 |

¹The AMCA Certified Ratings Seal applies to airflow rate at free delivery only. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of inlet and outlet guards.

Catalog series: AJ Series

Revision date: January 2025

Certifications:



Systemair GmbH certifies that the AJ series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

