

PRODUCT SHEET

High-Pressure Vortex Blower

AKXWFJ-D71

Side-channel blower for industrial pressure and vacuum airflow applications.



The AKXWFJ-D71 uses a side-channel regenerative principle to provide continuous pressure or vacuum airflow. Its integrated aluminum-alloy housing and sealed industrial motor support applications including drying, pneumatic conveying, aeration, vacuum holding and process ventilation.

3 kW 50 HZ POWER	330 m3/h 50 HZ FLOW	290 mbar 50 HZ PRESSURE	42 kg WEIGHT
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Features

 Pressure and vacuum operation	 50 / 60 Hz versions	 Aluminum-alloy housing
 Oil-free routine operation stated	 Up to 380 m3/h flow	 Integrated motor and blower

Specifications

Frequency	50 Hz	Frequency - alternate	60 Hz
Power at 50 Hz	3 kW	Power at 60 Hz	3.45 kW
Rated voltage at 50 Hz	200-240 V delta / 345-415 V star	Rated voltage at 60 Hz	220-275 V delta / 380-480 V star
Current at 50 Hz	12.5 A delta / 7.2 A star	Current at 60 Hz	12.5 A delta / 7.3 A star
Maximum flow at 50 Hz	330 m3/h	Maximum flow at 60 Hz	380 m3/h
Rated vacuum at 50 Hz	-270 mbar	Rated vacuum at 60 Hz	-250 mbar
Rated pressure at 50 Hz	290 mbar	Rated pressure at 60 Hz	230 mbar
Noise at 50 Hz	69 dB	Noise at 60 Hz	72 dB
Weight	42 kg	Inlet / outlet	PF 2.0 in stated

Typical Applications

Air drying | Pneumatic conveying | Aeration | Vacuum holding | Process ventilation

Document Reference

Product ID PRD-EQP-0001 | Model AKXWFJ-D71

Source note: No verified overall dimension drawing, motor connection diagram or protection rating was supplied; these sections are intentionally omitted.