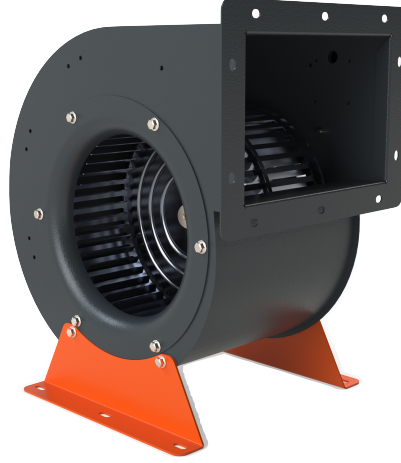


UVENTS



Installation, Operation & Maintenance Manual

UVENTS Ventilation Systems

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1. SAFETY INFORMATION

- Read this manual carefully before installing or operating the fan.
- Installation and electrical connections must be carried out by qualified personnel.
- Disconnect electrical power before performing maintenance or inspection.
- Ensure proper grounding before operating the fan.
- Do not operate the fan outside the specified operating limits.
- Prevent foreign objects from entering the fan during operation.

2. GENERAL DESCRIPTION

UVS-OÇES is a double inlet centrifugal fan designed for ventilation systems requiring strong airflow and efficient air movement. The fan body is manufactured from DKP steel sheet and coated with electrostatic powder paint for corrosion resistance. The galvanized impeller provides efficient airflow while maintaining low noise levels.

3. TECHNICAL SPECIFICATIONS

Airflow Range	2,200 m³/h
Power	400 W
Impeller	Radial – Double inlet
Fan Type	Double inlet centrifugal fan
Body & Impeller Material	DKP Steel Sheet, Galvanized Impeller
Motor Efficiency Class	IE2 / IE3
Protection / Insulation	IP44 / B Class
Frequency	50 Hz
Operating Temperature	-20 to +50 °C

4. AREAS OF USAGE

- Greenhouses
- Warehouses
- Industrial facilities
- Factories
- Shopping malls
- Large indoor ventilation areas

5. INSTALLATION

The fan must be installed on a stable mounting surface suitable for ventilation systems. Ensure proper alignment with duct connections and verify airflow direction before operation. Electrical connections must be performed according to the motor nameplate and wiring diagram.

6. OPERATION

Before starting the fan verify that the supply voltage and frequency correspond to the motor specifications. Ensure that the airflow path is unobstructed. During operation monitor the fan for abnormal vibration, noise or airflow reduction.

7. MAINTENANCE

Disconnect electrical power before performing maintenance. Inspect the impeller and housing periodically for dust accumulation. Clean internal surfaces when necessary. Check mounting bolts and electrical connections regularly.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
Fan not starting	No power / wrong wiring	Check supply; verify wiring per diagram
Abnormal noise	Foreign object or misalignment	Inspect impeller/duct; tighten mounts
Low airflow	Blocked airflow path, contaminated impeller, incorrect installation	Inspect airflow path, clean impeller, verify installation

9. WARRANTY

Warranty period is 2 years from delivery against manufacturing defects. Improper installation, user errors, and electrical faults are excluded. Repair time is up to 30 business days after notification.

10. APPENDIX – ELECTRICAL DIAGRAM

*Before making electrical connections, cut off the power and have all electrical work done by authorized personnel.

