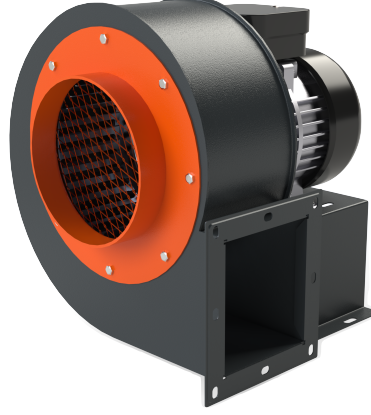


UVENTS



Installation, Operation & Maintenance Manual

UVENTS Ventilation Systems

Muratpařa Mah. Eski Edirne Asfaltı, Baltař Kilimci San. Sit. No:3/1-306, Bayrampařa, Istanbul, Turkey

Tel: +90 212 482 0216 | +90 212 674 8917

Email: sales@uvents.com.tr



1. SAFETY INFORMATION

- Read and retain this manual before operating the fan.
- Use only for ventilation applications within specified limits.
- Do not use in explosive or highly corrosive atmospheres.
- All electrical work must be performed by qualified personnel.
- Disconnect power before installation or maintenance.
- Ensure proper grounding and electrical protection according to IP44 standards.

2. GENERAL DESCRIPTION

UVS-OBR 200 is a single inlet radial fan designed for ventilation of large enclosed spaces. Due to the motor being positioned outside of the air flow, higher air transfer efficiency can be achieved. The body is manufactured from DKP steel sheet and the impeller is galvanized. The series is suitable for industrial and commercial ventilation applications.

3. TECHNICAL SPECIFICATIONS

Airflow Range	850 to 1,800 m³/h
Static Pressure	376 to 751 Pa
Impeller	Radial – Single inlet
Drive Options	Direct drive
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

- Ventilation of greenhouses
- Factories and production facilities
- Warehouses
- Shopping centers
- Large enclosed areas

5. INSTALLATION

Install the unit according to airflow direction. Ensure rigid mounting on a stable surface to prevent vibration. Since the motor is positioned outside the airflow, maintain sufficient clearance for motor cooling. Electrical connections must be performed according to the motor nameplate and wiring diagram. Proper grounding is mandatory.

6. OPERATION

Verify that supply voltage and frequency match the motor nameplate ($\pm 5\%$). Before full operation, check correct rotation direction. During operation, monitor for abnormal noise, vibration, or overheating.

7. MAINTENANCE

Disconnect power before any intervention. Periodically inspect and clean the impeller and housing to prevent dust accumulation. Ensure that the motor ventilation openings remain unobstructed. Bearings are maintenance-free under normal operating conditions. Avoid high-pressure cleaning and prevent motor contact with water.

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	Duct blockage or obstruction	Clean ducts; inspect impeller

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.

