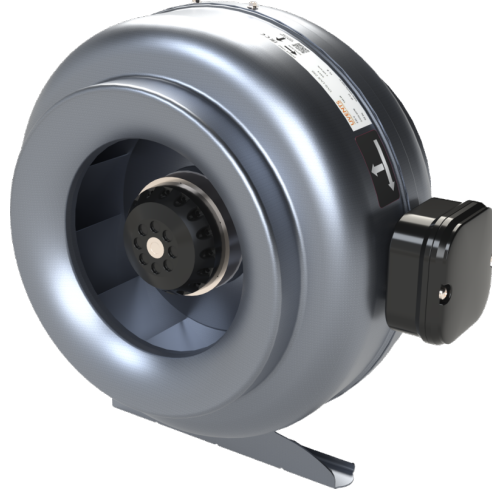


UVENTS



Installation, Operation & Maintenance Manual

UVENTS Ventilation Systems
Muratpaşa Mah. Eski Edirne Asfaltı, Baltaş Kilimci San. Sit. No:3/1-306, Bayrampaşa, Istanbul, Turkey
Tel: +90 212 482 0216
Email: sales@uvents.com.tr



1. SAFETY INFORMATION

- Read and retain this manual before operating the fan.
- Use only for intended applications within specified limits.
- Do not use in explosive/corrosive atmospheres.
- All electrical work must be performed by qualified personnel.
- Disconnect power before maintenance.

2. GENERAL DESCRIPTION

UVS-UVX is a compact induct radial fan range designed for ducted ventilation systems requiring practical installation, high performance and stable airflow. Manufactured from galvanized sheet metal, it is ideal for industrial and commercial ventilation applications.

3. TECHNICAL SPECIFICATIONS

Airflow Range	290 to 1,800 m³/h
Static Pressure	250 to 640 Pa
Impeller	Backward curved radial
Drive Options	Direct drive
Body & Impeller Material	Galvanized sheet metal
Motor Efficiency Class	According to motor data
Protection / Insulation	IP44 / F class
Frequency	50 Hz
Operating Temperature	-20 to +50 °C

4. AREAS OF USAGE

- Industrial and commercial ventilation systems
- Central ventilation systems and long duct lines using flexible or rigid ducts

5. INSTALLATION

Mount according to airflow direction label. Ensure rigid duct connection and cover any open side with a protective guard. Leave service access. Perform electrical connections per the terminal-box wiring diagram. Ground the unit properly.

6. OPERATION

Verify supply matches nameplate ($\pm 5\%$). During operation, check for abnormal noise or vibration.

7. MAINTENANCE

Isolate power before any intervention. Clean at least annually. Bearings are maintenance-free. Avoid high-pressure cleaning or solvents; prevent motor contact with water.

8. TROUBLESHOOTING

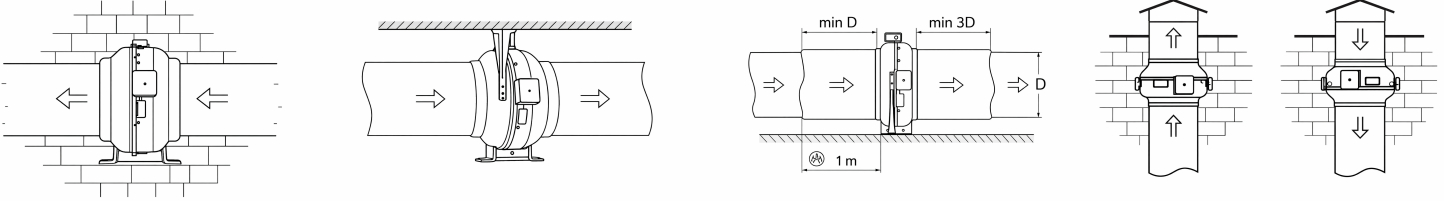
Issue	Possible Cause	Solution
Fan not starting	No power / wrong wiring	Check supply; verify wiring per diagram
Abnormal noise	Foreign object or misalignment	Inspect impeller/duct; tighten mounts
Low airflow	Filter/duct blockage; rotation direction	Clean filters/duct; check rotation

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. MOUNTING AND SET-UP

The fans are suitable for both vertical and horizontal installation. Airflow direction must correspond to the arrow indicated on the fan casing. For vertical installations, a hood must be installed on the outlet (discharge) spigot. For horizontal installations operating at the maximum permissible humidity level, a straight duct section of at least 1 meter must be provided on the intake spigot side.



Mounting Procedure:

- Remove the bolt from the casing (1) and position the fixing brackets so that the holes in the brackets align with the heads of screws (3).
- Secure the fixing brackets to the casing using bolts.
- Drill holes in the mounting surface according to the fixing bracket hole positions.
- Fasten the fan to the mounting surface with screws.
- Connect air ducts of the appropriate size to the fan and secure them using clamps.

11. APPENDIX – ELECTRICAL DIAGRAM

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

