Safety and Usage Information - English

1. Avoid contact with the fan motor and blades while the fan is in operation. Doing so may result in injury. Always mount optional finger guards when there is any possibility that a person may come into contact with the fan motor or blades.
2. Only install and use the product in compliance with all applicable local safety standards and regulations.
3. Always inspect the fan for damage or deformities before installation into the end use application. Do not install a fan which has cracks, blade rotation impediments, damaged wire insulation, foreign object debris, or other defects.
4. Do not insert objects into the rotating parts of the Fan, as it can cause failure. Fan failure from foreign object contact can result in property damage or injury.
5. Do not operate the fan with the finger guard removed, when applicable. Make sure that power is turned OFF before performing any action that requires touching the blades such as inspections, cleaning or filter replacement.
6. Do not touch the motor section during operation or immediately after stopping operation. The motor may become hot during operation and can result in burns if touched. Allow a minimum of 5 minutes for the fan motor to cool.
7. Do not use the fan in environments containing flammable or explosive gas unless the product is rated for such environments. Otherwise, injury from explosion may occur. Do not operate the fan in an environment containing liquids, solids, or other contaminants in amounts that exceed the IP rating of the fan. Exceeding the IP rating of the fan can result in fan failure, reduced lifespan, shock hazards, and bodily injury. Ensure that no solvents or chemicals are in contact with plastic parts of the fan, otherwise cracks, swelling, deformity, or dissolution may result.
8. Do not operate the fan in the following locations unless the suitability of the fan for the application has been evaluated:
    a. Locations subject directly to water (except for water-resistant fans)
    b. Locations containing oil, dispersed within air or without
    c. Locations subject to excessive vibration or shock
    d. Locations subject to intense ESD, static electricity or over-voltage conditions
    e. Locations subject to air containing excessive dust or metallic powder
    f. Locations subject to focused sunlight or with excessive Ultraviolet exposure
    g. Locations subject to condensation or icing
    h. Locations subject to corrosive gasses, including high concentrations of ozone, salt, or other caustic chemical compounds
    i. Locations containing chemical compounds which can damage circuit coatings, insulation, and other component materials

9. Ensure that electrical conductors are insulated and protected from incidental contact. Do not operate the fan without adequate grounding or other suitable electrical protections appropriate for the end use.
10. Do not hold the fan by its power leads, or pull the power lines with excessive force. This can cause electrical faults leading to shorts or shock hazards. Injury may occur if the fan falls due to lead failure caused by abuse.
11. Do not allow the fan to be subjected to mechanical shock, such as falling, because the service life and performance characteristics of the fan will be adversely affected.
12. Do not use the fan outside the rated temperature range or above the rated voltage.
13. The fans contain no user-serviceable parts. Do not attempt to disassemble, repair, or modify the fan. Property damage, bodily injury, electric shock, fire, or fan failure can result from user modification.
14. The fan may automatically resume operation after it has stopped due to contact failure, overheating protection (thermal protection), or other electronic protection. Disconnect power to the fan before servicing or injury may result.
15. Do not wire the power lines of the fan in series with those of other fans or devices. To ensure proper operation, always connect the devices alone or in parallel. Always wire the fan according to the manufacturer's instructions. Improper wiring can result in fan failure, property damage, or injury.
16. Always secure the fan using an appropriate mounting method and ensure it is properly supported. Failure to properly mount the fan may result in injury due to possible contact with the moving parts of the fan or the fan causing damage to other components present in the end use. Do not utilize the fan frame as a structural support element in the end use. Do not impose excessive force on the frame or other structural components of the fan or injury and product failure may occur.
17. Always ensure that the fan is installed in a direction consistent with the intended airflow and that no airflow obstructions are present. Do not obstruct the inlet or outlet of the fan during operation, or higher noise, reduced lifespan, or failure may result.
18. Always follow all instructions or specifications shown in the product data sheet.