

Typical Specifications

Model: LPD

Description: The fan shall be a roof mounted, ultra low profile, spun aluminum, direct driven, downblast centrifugal exhaust ventilator.

Standard Construction:

The fan shall be of welded and bolted construction utilizing corrosion resistant stainless steel fasteners. The spun aluminum components shall be constructed of heavy-gauge aluminum, bolted to an aluminum support structure for rigidity and strength. The aluminum base shall have continuously welded curb cap corners for strength and maximum leak protection. The discharge skirt shall have a rolled bead for added strength. The aluminum motor cover shall have stainless steel fasteners to provide easy access into the motor compartment. An integral watertight conduit chase shall be provided through the curb cap and into the motor compartment to facilitate wiring connections. The fan shall include an integral aluminum birdscreen and standard disconnect switch. The fan shall bear a permanently attached nameplate displaying model and serial number of unit for future identification. The unit shall be factory run-tested after assembly.

Motor/Wheel: The 100% speed controllable totally enclosed motor shall be unique external rotor type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure. The composite wheel shall be non-overloading backward curved centrifugal. Wheel inlet shall overlap an aerodynamic deep spun aluminum inlet cone to provide optimum air and sound performance. Wheel shall be precision balanced to ISO standard 1940.

Options and Accessories: Optional accessories shall be provided either factory installed or field installed as detailed in the fan schedules.

Certifications: Fan shall be listed by Underwriters Laboratories (cULus 705) when specified in the fan schedule. Fan shall bear the AMCA certified ratings seal for sound and air performance.

Warranty: Manufacturer's warranty shall apply for a period of 5 years (housing and wheel) and 3 years (motor). See warranty certificate for details.

Product: Fan shall be model LPD as manufactured by Soler & Palau USA of Jacksonville, Florida, a division of Soler & Palau Ventilation Group.