

# Typical Specifications

**Model:** TDD

**Description:** Fan shall be a direct drive, tube axial, propeller fan.

**Standard Construction:** The fan shall be of welded construction utilizing corrosion resistant fasteners and epoxy coated. The tube shall be constructed of heavy gauge G90 galvanized steel. Unit shall bear a permanently attached nameplate displaying model and serial number for future identification. Factory assembled and tested prior to shipment for quality assurance.

**Propeller:** Propeller on sizes 12 thru 18 shall be polypropylene with steel bushing. Propeller on sizes 20 thru 48 shall be three, five or six wing airfoil aluminum blades with steel or aluminum hub plate with steel bushing. The hub shall be keyed and locked to the shaft utilizing two set screws or a taper lock bushing. Propeller shall be balanced in accordance with AMCA Standard 204-96, *Balance Quality and Vibration Levels for Fans*.

**Motors and Electrical:** Motor shall be heavy duty type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure.

**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) including UL listing for Canada when specified in the fan schedule. Fan shall bear the AMCA certified ratings seal for air performance.

**Warranty:** Manufacturer's warranty shall apply for a period of 2 years (housing, bearings, shaft, propeller), 1 year motor warranty. See warranty certificate for details.

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