

Typical Specifications

- Model:** TID
- Description:** Fan shall be a tube axial, direct drive, steel propeller fan.
- Certifications:** Fan shall be manufactured at an ISO 9001 certified facility. Fan shall be listed by Underwriters Laboratories (UL 705) and UL listed for Canada (cUL 705). For smoke control applications, fan shall be listed by Underwriters Laboratories (Power Ventilator for Smoke Control Systems) for US and Canada.
- Construction:** Fan shall be of welded and bolted construction utilizing corrosion resistant fasteners. The steel drum shall be constructed of minimum 14 gauge steel with integral flanges on both inlet and outlet. Unit shall bear an engraved aluminum nameplate and shall be shipped in ISTA Certified Transit Tested Packaging.
- Coating:** All steel fan components shall be Lorenized® with an electrostatically applied, baked polyester powder coating. Each component shall be subject to a five stage environmentally friendly wash system, followed by a minimum 2 mil thick baked powder finish. Paint must exceed 1,000 hours salt spray under ASTM B117 test method.
- Propeller:** Propeller shall be a high efficiency fabricated steel design with blades securely fastened to a minimum 7 gauge hub. 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 204-05, *Balance Quality and Vibration Levels for Fans*.
- Motor:** Motor shall be heavy duty type totally enclosed with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure.
- Product:** Fan shall be type TID as manufactured by Loren Cook Company of Springfield, Missouri.