

Typical Specifications

Model:	CTB
Description:	Fan shall be a belt drive, tubular centrifugal, in-line 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. Adjustable tension rods shall be included for positive belt tensioning. 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.
Wheel:	Wheel shall be non-overloading backward inclined centrifugal, constructed of heavy-gauge aluminum, including a precision machined cast aluminum or steel hub. Wheel inlet shall overlap an aerodynamic aluminum venturi inlet cone to provide optimum air and sound performance. Wheel shall be balanced in accordance with AMCA Standard 204-96, <i>Balance Quality and Vibration Levels for Fans</i> .
Motors and Electrical:	Motor shall be heavy duty type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure.
Bearings and Shaft:	Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed. Fan shafts shall be ground and polished.
Drives and Belts:	Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The motor sheave must be selected for the specified fan RPM.
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 sound and 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 CTB as manufactured by S&P USA of Jacksonville, Florida, a division of Soler & Palau Ventilation Group.

Typical Specifications

Model:	CTBRHUL
Description:	Fan shall be a belt drive, tubular centrifugal, in-line 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. Two threaded drain connections aid maintenance and serviceability operations. Bearing cover gasket and shaft seal come standard to protect bearings and belts from steam, grease, and moisture. Adjustable tension rods shall be included for positive belt tensioning. Integral duct flanges with bolt locations per NFPA 96. 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.
Wheel:	Wheel shall be non-overloading backward inclined centrifugal, constructed of heavy-gauge aluminum, including a precision machined cast aluminum or steel hub. Wheel inlet shall overlap an aerodynamic aluminum venturi inlet cone to provide optimum air and sound performance. Wheel shall be balanced in accordance with AMCA Standard 204-96, <i>Balance Quality and Vibration Levels for Fans</i> .
Motors and Electrical:	Motor shall be heavy duty type with permanently lubricated sealed ball bearings and furnished at the specified voltage, phase and enclosure.
Bearings and Shaft:	Bearings shall be designed and individually tested specifically for use in air handling applications. Construction shall be heavy duty regreasable ball type in a cast iron housing selected for a minimum L50 life in excess of 200,000 hours at maximum cataloged operating speed. Fan shafts shall be ground and polished.
Drives and Belts:	Belts shall be oil and heat resistant, non-static type. Drives shall be precision machined cast iron type, keyed and securely attached to the wheel and motor shafts. Drives shall be sized for 150% of the installed motor horsepower. The motor sheave must be selected for the specified fan RPM.
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 762) including UL listing for Canada 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 2 years (housing, bearings, shaft, propeller), 1 year motor warranty. See warranty certificate for details.
Product:	Fan shall be model CTB as manufactured by S&P USA of Jacksonville, Florida, a division of Soler & Palau Ventilation Group.