

Typical Specifications

Model: HLC-D

Description: Fan shall be a hooded, low profile, roof mounted, direct driven, downblast centrifugal exhaust ventilator.

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). Fan shall bear the AMCA certified ratings seal for sound and air performance.

Construction: The fan shall be of bolted and welded construction utilizing corrosion resistant fasteners. The fan shall be enclosed with a minimum .064 aluminum hood bolted to the fan housing. The hood shall be removable to allow unobstructed access to the motor and power assembly. The aluminum base shall have continuously welded curb cap corners for maximum leak protection. Motor shall be mounted on a minimum 12 gauge steel power assembly, isolated from the unit structure with rubber vibration isolators. Unit shall bear an engraved aluminum nameplate. Nameplate shall indicate design CFM and static pressure. Unit shall be shipped in ISTA certified transit tested packaging.

Wheel: Wheel shall be centrifugal backward inclined, constructed of 100% aluminum, including a precision machined cast aluminum hub. An aerodynamic aluminum inlet cone shall be provided for maximum performance and efficiency. Wheel shall be balanced in accordance with AMCA Standard 204-05, *Balance Quality and Vibration Levels for Fans*.

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

Product: Fan shall be model HLC-D as manufactured by Loren Cook Company of Springfield, Missouri.