

# Typical Specifications

**Model:** GCVF 300 Series

**Description:** Fan shall be ceiling, wall, or inline mounted, direct driven, centrifugal exhaust fan.

**Certifications:** Fan shall be manufactured by an ISO 9001 certified company. 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 housing shall be minimum 20 gauge galvanized steel and acoustically insulated. Blower and motor assembly shall be mounted to a minimum 14 gauge reinforcing channel and shall be easily removable from the housing. Motor shall be mounted vibration isolators. Unit shall be supplied with integral wiring box and disconnect receptacle shall be standard. Discharge position shall be convertible from right angle to straight through by moving interchangeable panels. The outlet duct collar shall include a reinforced aluminum damper with continuous aluminum hinge rod and brass bushings. To accommodate different ceiling thickness, an adjustable pre-punched mounting bracket shall be provided. Gemini 300 VF series units shall be provided with a white, non-yellowing, high impact styrene injection molded designer style grille as standard. Unit shall be shipped in ISTA Certified Transit Tested Packaging.

**Wheel:** Wheel shall be centrifugal forward curved type, constructed of galvanized steel. Wheel shall be balanced in accordance with AMCA Standard 204-05, Balance Quality and Vibration Levels for Fans.

**Motor:** Motor shall be totally enclosed, not ventilated (TENV) electronically commutated (EC) with permanently lubricated bearings, built-in thermal overload protection and disconnect plug. Motor shall have an adjustable speed range from 500 to 1800 rpm. Motor shall be furnished at the specified voltage.

**Product:** Fan shall be GCVF 300 Series as manufactured by Loren Cook Company of Springfield, Missouri.