

# Typical Specifications

**Model:** MAC

**Description:** Fan shall be a portable air cleaner.

**Certifications:** Fan shall be manufactured at an ISO 9001 certified facility.

**Construction:** Fan shall be of bolted construction utilizing corrosion resistant fasteners. Housing shall be minimum 18 gauge galvanized steel with integral inlet and outlet grills. Fan shall include swivel casters with brakes, handles and foam corner bumpers. Fan shall be provided with ergonomic knobs for toolless filter changes. Unit shall bear an engraved aluminum nameplate. Unit shall be shipped in ISTA certified transit tested packaging.

**Filter:** Filters shall include a pre-filter and HEPA filter. Pre-filter shall be a 24"x24" MERV 8 filter with a thickness of 1". HEPA filter shall be a 24"x24" filter with a thickness of 12" and a minimum 99.97% efficiency rating.

**Wheel:** Wheel shall be 100% aluminum, non-overloading, centrifugal backward inclined, flat blade type. Wheel shall include a precision machined cast aluminum hub. Wheel hub shall be securely attached to the fan shaft. Wheel shall utilize an aerodynamic aluminum inlet cone to provide maximum performance and efficiency. Wheel shall be balanced in accordance with ANSI/AMCA Standard 204-20, Balance Quality and Vibration Levels for Fans.

**Coating:** Exterior steel fan components shall be Lorenized™ Blizzard White 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 hour salt spray under ASTM B117 test method.

**Electrical:** Fan shall be provided with 115 volt pre-wired 9 foot cord with NEMA 5-15 plug, illuminated pre-wired power switch and hour meter. Fan shall be furnished with collapsible cord storage.

**Motor:** Motor shall be a 1 HP, 115 volt electronically commutated motor rated for continuous duty and furnished with externally mounted potentiometer speed controller.

**Product:** Fan shall be model MAC as manufactured by Loren Cook Company of Springfield, Missouri.