



## **SERIES 21 – GUIDE SPECIFICATION**

### **COOL BLAST FAN, PORTABLE**

The Cool Blast Fan, Portable shall be manufactured by Hartzell Air Movement, Series 21. Standard sizes are 20" through 48". The fan shall be a rugged heavy duty industrial design, with extra heavy bases and support columns. The fan shall be packaged, completely assembled and ready to install.

The cool blast fan propeller shall be an airfoil design, cast of 319 aluminum alloy in compliance with Federal Specification QQ-A-601E and ASTM B26. The propeller shall be guarded by OSHA approved guards, and shall run in a solid ring with rolled angle tip seal.

The motors shall be totally enclosed air over continuous duty. Motors shall be mounted for easy maintenance.

Fan housings shall be minimum 14 gauge commercial quality carbon steel welded in compliance with AWS D1.1 standard. Standard surface coating system shall be phosphatized surface preparation with industrial grade air dry enamel paint.

Casters on two, wide spread legs with tilt level adjusting screw on third leg.

The fan assembly shall be dynamically balanced at the Hartzell factory prior to shipping. Fans shall be balanced to the American National Standards Institute, Std. S2.19-1989 "Balance Quality of Rotating Rigid Bodies", and Grade G6.3. Fans shall be manufactured in accordance with Hartzell's standard quality assurance procedures. Fan performance shall be based on tests conducted in Hartzell's AMCA accredited test laboratory and in accordance with the latest revision of AMCA Standard 210 for air performance and AMCA Standard 300 for sound.

#### **ACCESSORIES:**

- Protective Coatings - Available alternate coatings include epoxy and inorganic zinc. Other specialty coatings may be available - **Consult Factory**.
- Motors - Special motors can be furnished upon request.