



better AIRFLOW by DESIGN™

# CPB CAST ALUMINUM PRESSURE BLOWERS PRODUCT SPECIFICATION GUIDE

## 1.0 GENERAL

- A. Fans shall be model CPB Cast Aluminum Pressure Blower, as manufactured by Continental Fan Manufacturing Inc., of Buffalo, NY, and of the size, capacity and rotation as indicated on the drawings and fan schedule.
- B. Fans shall be rated and tested in accordance with ANSI/AMCA Standard 210.
- C. All motors and electrical components shall conform to NEMA standards.

## 2.0 FAN HOUSING

- A. Fan housing shall be cast aluminum construction.
- B. Fan housing shall be capable of field rotation to any of 4 positions.
- C. Motor base shall be constructed of welded steel components.
- D. Motor base shall be coated with air dried gray enamel paint.

## 3.0 FAN IMPELLER

- A. Fan impeller shall be radial blade single piece cast aluminum.
- B. Impeller hub shall be keyed directly to the solid steel drive shaft.

## 4.0 FAN MOTOR AND DRIVE

- A. Motor shall be TEFC industrial duty and conform to NEMA standard.
- B. Motor shall be of voltage, horsepower, RPM and enclosure as indicated on the fan schedule.

## 5.0 OPTIONAL FAN ACCESSORIES

- A. Where indicated, fan shall be provided with the following optional accessories:
  - Inlet filter
  - Inlet & outlet guards
  - Protective coating
  - Nozzle
  - Slide gate damper
  - Flanged inlet & outlet
  - Teflon shaft seal for corrosive environments
  - Explosion proof motors
  - Special duty motors

## 6.0 FAN TESTING

- A. Centrifugal impeller shall be balanced and mounted in fan assembly.
- B. Fan assembly shall be run tested prior to shipment.
- C. A test report shall be maintained on file for each individual fan.