

## 1.0 GENERAL

- A. Fans shall be model CAB Cast Aluminum 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 forward curved, die-formed blades, machine riveted to die-punched back plate and rim.
- 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
  - Flanged inlet & outlet
  - Protective coating
  - Nozzle
  - Carrying handle
  - Explosion proof motors
  - Special duty motors
  - Slide gate damper
  - Support base with rubber feet
  - Teflon shaft seal for corrosive environments
  - Wall mounting bracket

## 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.