

## SECTION 235113.11 - DRAFT CONTROL FANS

### 1.1 PRODUCTS

- A. Draft Inducer Fans: Galvanized Aluminized-steel housing and radial-blade centrifugal fan.
- B. Venturi-Draft Inducer Fans: Enameled-steel venturi tube, galvanized enameled-steel fan housing with radial-blade centrifugal wheel.
- C. Mechanical-Draft Vent Fans: Forward-curved centrifugal fan and scroll fabricated of aluminized galvanized steel.
  - 1. Aluminized Stainless-steel wall-vent hood.
- D. Vent Exhaust Fans: Centrifugal fan with variable-speed control mounted at end of vertical vent.
  - 1. Fan Construction: Galvanized-steel Stainless-steel housing; galvanized stainless-steel vent; cast-aluminum stainless-steel wheel; backward-inclined centrifugal or axial fan wheel; concentric makeup air-inlet duct surrounding the vent to allow zero clearance to combustibles.
  - 2. Motor: Fully enclosed, variable-speed duty, permanent-split capacitor.
  - 3. Variable-speed controls.
- E. Combustion-Air Fans: Galvanized Aluminized-steel housing, steel forward-curved fan and scroll, and direct-drive motor.
  - 1. Optional Controls:
    - a. Alarm circuit.
    - b. Excessive negative pressure limit.
    - c. Interface relay.

END OF SECTION 235113.11