SECTION 233433 - AIR CURTAINS

1.1 SUMMARY

A. Air curtains with hot-water heat and steam heat.
B. Typical uses of equipment is to protect against ingestion of cold air at building entrances
C. Manufacturers:
   1. Loren Cook
   2. Mars Air System

1.2 QUALITY ASSURANCE

C. Quality Standard for Air Curtains in Food Service Establishments: NSF 37.

1.3 WARRANTY

A. Materials and Workmanship: One year

1.4 COMPONENTS:

A. Housing Materials: Galvanized steel, molded, white polymer, electroplated-zinc steel, and aluminum with intake louvers and discharge nozzle.
B. Fans: Direct drive, galvanized steel, aluminum, centrifugal, van axial.
C. Motors: Two speed, totally enclosed, open, drip proof.
D. Water Coils: Copper-tube, aluminum, copper-fin, continuous circuit, self draining, cleanable coil with cast-iron, copper, fabricated steel headers, and galvanized-steel frames.
E. Steam Coils: Copper-tub, aluminum, copper-fin, distribution header coil with cast iron, copper, fabricated-steel headers, and galvanized-steel frames.
F. Accessories:
   1. Thermostat
   2. Automatic door switch
   3. Start-stop, push button switch
   4. Time-delay relay
   5. Motor-control panel
   6. Interfaced with building automation systems for seasonal shutdown and alarm.
G. Mounting brackets.

END OF SECTION 233433