



# POWERED AIRE INC.

www.poweredaire.com

109 Mortensen Road  
Greenville, PA 16125

Phone: 724-588-3305  
Fax: 724-588-3371

## *mini-power*<sup>™</sup>

### SUGGESTED AIRE CURTAIN SPECIFICATIONS

All aire curtains furnished are complete factory assembled units as manufactured by Powered Aire Inc. Greenville, PA. Each unit consists of a stainless steel casing, tangential fan wheel(s), raised stainless steel inlet screen, discharge nozzle and motor(s). The aire curtain unit provides a specific CFM and a uniform velocity across the entire length of the discharge area.

Units shall be furnished in single increments of sufficient structural strength to be supported from both ends without intermediate support. Multiple units shall not be permitted. Unit casing shall be a minimum of 18 gauge 304 stainless steel in a number three finish.

Motors shall be 1/5 H.P., double shaft, resiliently mounted, heavy duty type equipped with permanently lubricated, shielded ball bearings of equal size at each end. Primary motor voltage shall be 115/208/230 volts 50/60 Hz single phase.

Aluminum fans shall be balanced forward curved tangential (crossflow) wheels with flexible hubs. Plastic fan wheels and rolled fan scrolls shall not be permitted. Inlet screen shall be perforated stainless steel powder coated black.

Discharge nozzle shall be integral part of housing with adjustable aluminum steering vane(s) to facilitate deflection of air stream  $\pm 20$  degrees.

#### **Electric Heat Option**

Unit(s) shall be provided with a factory mounted electric heating element (capacities as shown on data sheet). The heater shall consist of a factory wired heating coil, with automatic reset thermal overloads. A remote heat on/off switch and thermostat available, please specify.

#### **Steam / Hot Water Coil**

For steam or hot water heated units consult factory.

Aire Curtain unit shall be ETL or UL listed. Unheated units shall have a 24 month warranty on all parts. Heated units shall have an 18 month warranty on all parts.

April, 2005