

Industrial Air Make-Up Units

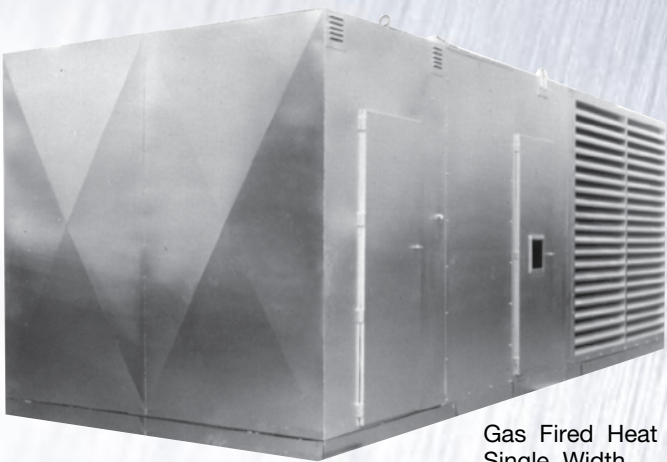


PAPER AND PULP MILLS

The lack of make-up air in a building can cause serious problems. The problems are often not even recognized and show themselves in ways that most people do not think about. A properly designed and installed ventilation system provides environmental control by avoiding negative pressure. Uncontrolled infiltration of air through window sashes, doors, and walls leads to many undesired results. Some of these include higher energy costs, a poor production environment and higher equipment maintenance costs.

Opportunities

Sufficient, fresh make-up air will allow an even temperature and air flow through the facility. Clean, tempered air will result in longer equipment life, lower repair cost, less system downtime and uninterrupted production schedules, greater productivity and fewer headaches.



Gas Fired Heat –
Single Width



Gas Fired Heat –
Stainless Steel



PAPER AND PULP MILLS

Capabilities

Aerovent is capable of building a wide variety of air make-up units to fit your need. Our engineers can design and fabricate a unit to match your layout or facilities requirements. Some of the units we have built include:

- Direct and indirect gas fired
- Steam or hot water heating
- DX or chilled water cooling
- Electric heating
- Evaporative cooling
- Air turnover
- 80/20 air recirculation unit
- Filtration options that include medium and high efficiency (MERV 6-14), HEPA filters, cartridge filter and odor or gas removal filters
- Galvanized, stainless steel, aluminum construction, special coatings available
- Double wall, thermal insulated
- Fully welded, industrial grade construction

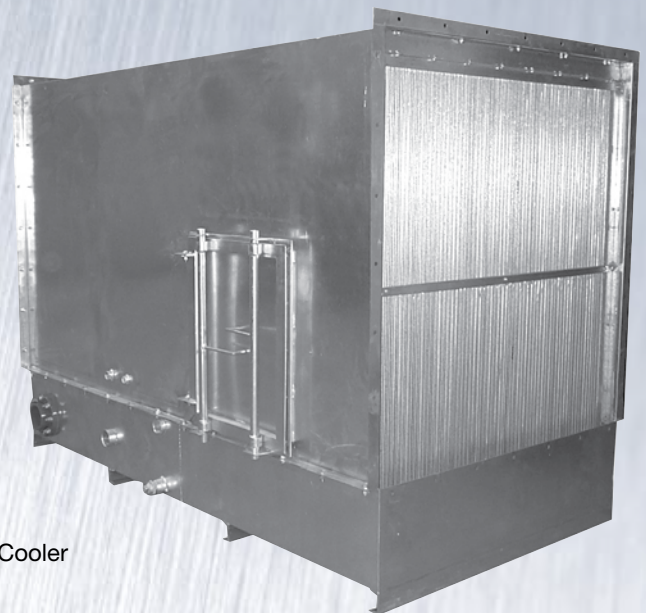


Electric Heat – Aluminum Construction

Energy savings from recovered waste heat

Many paper and pulp mills are utilizing energy savings from recovered waste heat. Excess steam is used to heat a glycol loop. The glycol loop is part of an Aerovent hot water Air Make-Up system. The waste heat is utilized to heat the incoming make-up air.

By recovering the waste heat, these mills have been able to lower energy costs and increase paper production.



Air Cooler



5959 TRENTON LANE NORTH • MINNEAPOLIS, MN 55442-3237

PHONE: 763-551-7500 • FAX: 763-551-7501

WWW.AEROVENT.COM