

POLYMAT



Patented concept



THE BEST QUALITY PRICE RATIO

The Polymat is a one of a kind concept worldwide; think inflated square tubes that provide superior insulation without any troughs to damage equipment, attract rodents or build up rust. Polymat is unique among all curtain and natural ventilation systems in the industry.

The Polymat is equipped with square poly tubes that are welded at their four corners. This patented concept provides more strength and more insulation value than round tubes or fabric curtains. The Polymat is made of heavy-duty plastic treated to resist UV rays. It shields animals environment against adverse weather and lets in an abundance of natural light, which is so beneficial to the animals comfort and productivity.

Combined with Ventec automated chimney system, the Polymat eliminates almost all the humidity inside buildings, while providing superior air circulation in a healthy and quiet environment.

BENEFITS AND OPTIONS

- Provides building insulation and maximum natural light penetration (with clear tubes)
- Provides optimal weather tightness (wind, rain, snow, freezing rain, sand)
- Tube curtain useful life of 7 to 10 years (depending on weather conditions)
- Simple and economical tube curtain replacement design
- Powerful blower system, for rapid on-demand tube curtain closure
- Allows easily fully automatic natural ventilation system
- Safety cables installed at 4 feet intervals (Optional)
- Safety system with back-up battery (Optional)

FEATURES

- Innovative and patented concept with inflated square poly tube welded at the four corners (Patent no.: 2,432,097).
- Ultra-tough 6.6 mil. membrane, UV resistant.
- Power-efficient blowers (3 x 55 watts typical)
- Available in various colours, clear or opaque.

**EFFICIENT
SIMPLE
INSULATING
RESISTANT**

Smooth and effective tubes curtain operation is made possible by Polymat ingenious brackets design.

When the tube is inflated, a seal is created with the wall opening, thus insulating the inside of the building from the outside environment, providing the best natural ventilation solution and air tighted wall when it's needed!



SUPPORT PIPES & BRACKETS

The heavy-duty and easy to install wind-pipe brackets are an exclusive Ventec design. They are located on top and bottom of the tube, allowing the ventilation openings to fully close, providing excellent seal with the building even in adverse weather. The thick-gauge galvanized steel pipes are designed to withstand the worst weather. An optional plastic covering for the pipes protects the tube from staining.

The pipes are also available in plastic pultrusion (optional).

BLOWERS

The blowers are housed in enclosures made of weatherproof, damage-proof and UV-resistant HDPE plastic. Each blower motor uses as little power as 55 watts.

Operating in continuous mode, they displace a volume of air superior to 165 cfm, allowing the tube curtain to be closed quickly. When fresh air is needed in the building, the blower control unit adjusts the intake of air into the tube, thus allowing natural ventilation by partway opening and customizing the interior environment.





POLYMAT



- Patented square membrane design welded at four corners.
- Very resistant, UV protected membrane
- Seals and insulates while letting natural light through.
- The best solution for natural ventilation
- Trough free support system
- Robust plastic supports eliminates thermal bridging
- Patented system


For the last 25 years VENTEC CANADA helps its customers in animal production to optimize the efficiency of their operations.

VENTEC CANADA products reduce animal stress due to temperature change, diseases, injuries and mortality through innovative solutions for effective ventilation, patented and durable.

The accessibility of VENTEC CANADA products is via an international distribution network.

Contact us to get your nearest supplier

 1 800 361-1003 |  450 383-4004 |  info@ventec.ca |  www.ventec.ca

 4000, avenue Pinard, Saint-Hyacinthe (Quebec) Canada J2S 8K4