

# LUMIRIDGE

NATURAL VENTILATION



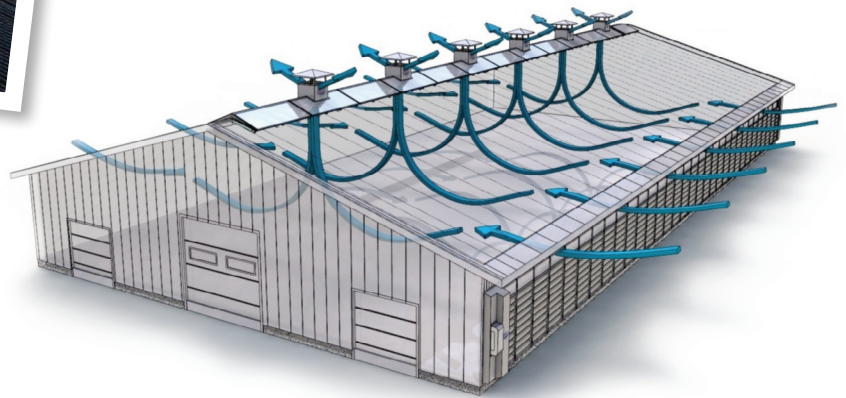
## Abundant natural lighting!

The LUMIRIDGE system allows maximum brightness into the building due to the isolated and translucent LUMIWALL panels. These panels have a 5 layer structure and an R3.6 (U1.6) insulation factor. This unique and high performance system can be installed with or without Maxum chimneys and ensure an excellent natural ventilation in the building. The Maxum chimneys have isolated intermittent dampers to ensure better control. The polycarbonate panels and the very rigid aluminum structure provide to the Lumiridge system a snow load capacity up to 2.8kN/m<sup>2</sup> (57psf).



## Finally, the perfect solution for optimal natural ventilation!

To get optimal breeding conditions, it is primordial to have a complete and integrated natural ventilation system to ensure maximum calibration in all conditions. Constant communication must be allowed between sidewall openings and centralized evacuating chimneys for appropriate air exchange and movement. For an effective natural ventilation, you need to have an isolated roof gable to preserve higher temperatures, this will enable the needed convection effect to evacuate excessive humidity. The combination system of Maxum LUMIRIDGE and isolated damper chimneys in intermittent and automatic mode, are specially designed to keep desired conditions while getting optimal evacuation of humid and stale air.



**Maxum Technologies Inc.**

4050, blvd Casavant West • St-Hyacinthe (Quebec) Canada • J2S 8E3  
P. 1 450 771.2540 • F. 1 450 771.5779 • [info@maxumtech.com](mailto:info@maxumtech.com)

Distributed by: