

LUBI™ Transparent

Enerconcept technologies
offers the most efficient
solar air collector ever tested

The Lubi™ is a perforated glazed collector designed and patented by Enerconcept Technologies. Its high performance almost reaches the physical limits of solar heat transfer, with results as high as 80,7% in thermal efficiency.

**International patents pending*

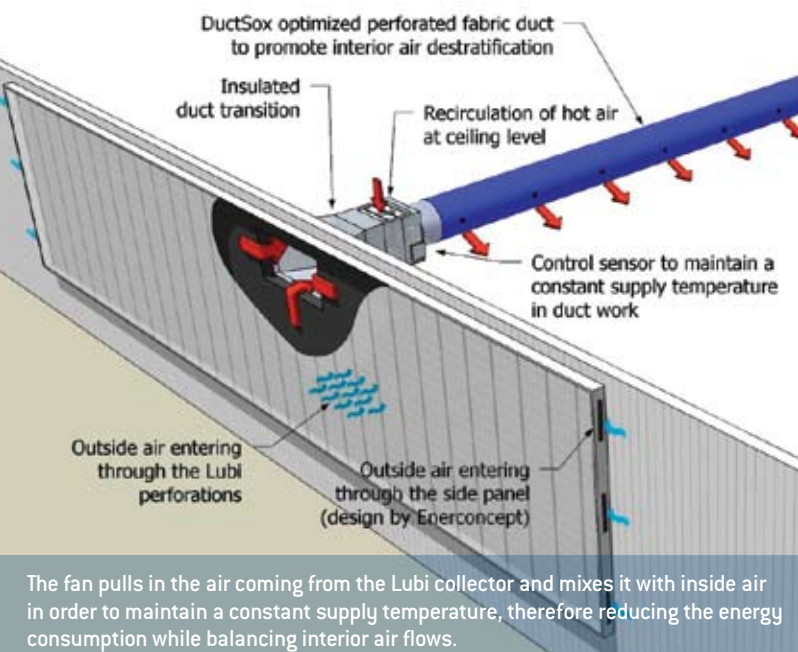


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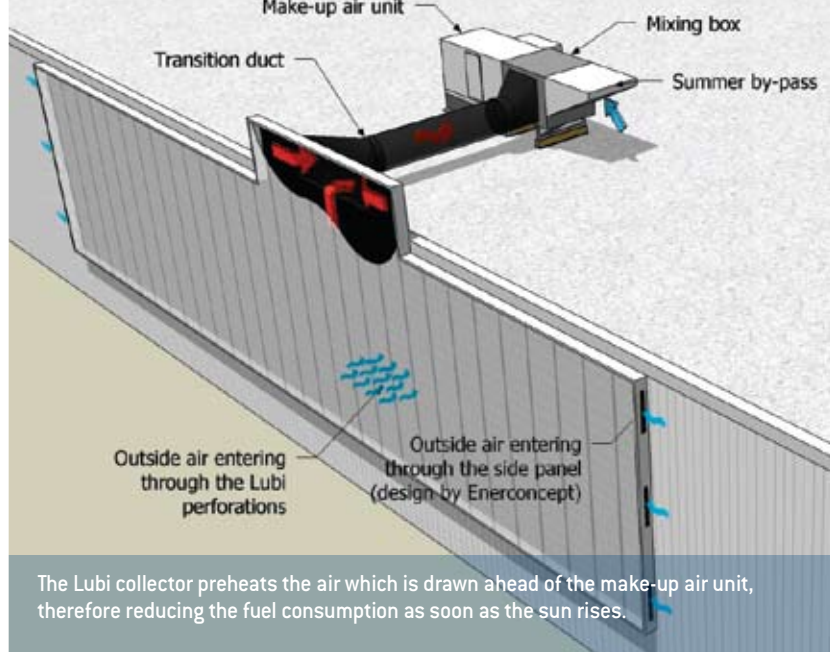
LUBI™

outside air preheating : main configurations

Direct supply by ventilation



Tied to make-up air unit



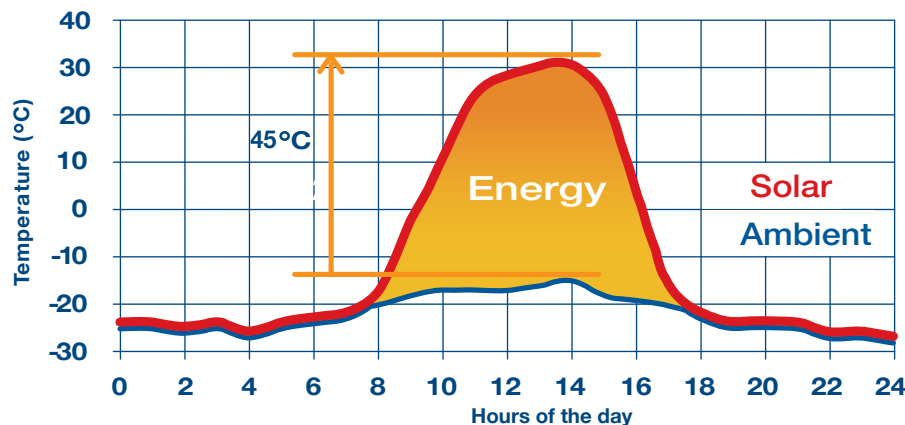
From an architectural point of view, the Lubi collector can harmoniously be integrated to any roof or wall structure, therefore creating a state-of-the-art appearance.



The Lubi collector is easy to install, on walls or on roofs, and this with standard construction parts.

Benefits

- Above 80% efficiency
- Cost effective
- Aesthetically pleasing
- Light and robust
- Easy to install



During the course of a typical day, as soon as the sun comes in contact with the Lubi, the air temperature can rise to as much as 45 Celsius above ambient temperature. Daily savings, energy wise, are shown in the orange section of the graph.