

Hospitals



Amsterdam Medical Center, the Netherlands

‘We must be able to guarantee the health of our patients’

‘Bacteria, moulds and viruses pose serious threats’

‘The health-care sector could certainly use some savings in their energy costs’

‘The failure of a hospital air conditioning system really doesn’t bear thinking about’

WHY PROTECT HOSPITALS’ CLIMATE SYSTEMS?

- Outdoor pollution is a threat to air conditioning installations and patients health

HOW

- Patented Blygold application protocol

BENEFITS

- Energy savings up to 20%
- Extends the lifetime of the climate system
- Prevents breakdown of the climate system
- Treatment costs can be recovered in 1 year

Hospitals



A SELECTION OF REFERENCES

- Utrecht Medical Center
- St. Antonius Hospital
- Ac. Hospital Groningen
- Ac. Hospital VUB
- Ac. Hospital St-Blasius
- Hospital Reine Marie-Astrid
- Hospital Ste Elisabeth

INCREASED RISKS FOR CLIMATE SYSTEMS IN HOSPITALS

Hospitals must maintain the highest level of hygiene and indoor air quality in order to combat the growth of bacteria. The air conditioning is essential in this process. While intended to control humidity, temperature, CO₂ and other indoor climate parameters, air conditioning systems can also be the cause of transmission of diseases within a hospital.

Special preventive measures can ensure optimal performance of the air conditioning and a reduced risk of microbiological outbreaks.

Hospitals all over the world use Blygold to ensure a high efficient and hygienically air conditioning system.

ENERGY SAVINGS TOP PRIORITY

The Protocol of Kyoto, formulated in 1997, aims to minimize the emissions of greenhouse gasses.

141 countries have agreed to reduce the emissions of greenhouse gasses from the level in 1990 by an average of 5% during the period between 2008 and 2012.

Energy conservation at all levels makes a substantial contribution to these emissions. Nowadays energy conservation should be an item on the agenda of every Facility Manager.

Climate systems are the major consumers of energy and need to be assigned top priority.

CONTACT

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PRACTICAL EXAMPLE

	Cooler without Blygold coating	Cooler with Blygold coating
Condensation temperature	56 °C	48 °C
Energy consumption	119 kW	113.4 kW
Running hours per annum		
(598 MW cooling capacity)	2000	1834
Energy consumption	238000 kWh	207775 kWh

ENERGY SAVINGS 13%

Contact your local Blygold applicator for extensive test reports

YOUR LOCAL BLYGOLD APPLICATOR