

# HEATING GLASS CHANDELIERS

## St-Aignan Church of Griselles (France)





## ST AIGNAN CHURCH

The first church, which disappeared during the Hundred Years' War, was replaced by a seigneurial chapel. The present choir of the church corresponds to this one.

Some vestiges of the 12th century remain: the baptismal font and the arch framing the wall where the door of the sacristy opens.



## NATACHA MONDON & ERIC PIERRE

Their numerous designs for Historical Monuments are among the most remarkable: St Louis Church of the Invalids (Paris), collegiate church of Bueil-en-Touraine, Saint-Hippolyte Church of Thonon-les-Bains, Holy Chapel of the castle of the Dukes of Savoy, Our Lady of the Assumption of Stains, St Cyprien Seminary of Toulouse, St Nicolas Church of Pertuis, St-Agnes Church of New York.



## SPECIFICATIONS

- Four heating chandeliers in thermoformed and bent glass
- Dimensions: Ø 4.7 ft ; H 0.98 ft
- Weight: 77 lb
- Lighting: LED lamps 230 V
- 6 infrared lamps of 2 000 W, per chandelier

## PROJECT OWNER :

Municipality of Griselles (France)



With the contributions of  
**LA FONDATION DU PATRIMOINE**  
and the  
**LOIRET SPONSORS' CLUB**



## Seraph (etymology): «the blazing», «the burning»

The twenty-four seraphim in bas-relief that adorn these chandeliers form a delicate and elegant glass corolla. A Paschal Lamb, for chandelier above the altar, and a Holy Spirit, for the three other ones, decorate the central parts.

## Highlighting the building

Designing heating chandeliers for a church mainly consists in conceiving lighting chandeliers whose design integrates with taste and simplicity to the interior architecture of the building. The chandeliers will be visible and used as such all year long, while their heating components will only be used a few dozen hours a year.

The difficulty of this project was to aesthetically integrate these heating elements in order to obtain a harmonious and elegant design.

## Church heating

The sensation of warmth provided by infrared radiation is instantaneous. As it is only switched on during celebrations and concerts, its annual consumption remains very low, less than other existing heating systems. The height of the chandeliers avoids the "hot head/cold feet" effect, and the system remains silent.

## Building and artworks preservation

Infrared radiation neither alters the hygrometry of the place, nor causes air movement, which could be harmful to the thermal equilibrium of the building, and to ancient artworks such as paintings, sculptures and organs. It does not emit any radiation in the ultraviolet spectrum.

## Specifically designed for the church

The themes of the 28 glass sculptures were designed in accordance with the parish community, in order to create a unique set dedicated to the church.

The glass work - the glasses were first thermoformed then bent - required more than two months of kiln forming.

A bishop's crozier appears on the reflectors, in relation to St Aignan, bishop of Orleans and patron saint of the church.

To ensure the highest quality, this set was developed in partnership with Dr. Fischer Europe.

