

## The biggest Tent Concert Hall in Europe takes the benefits of the "light" ALP System

### Istanbul, TURKEY

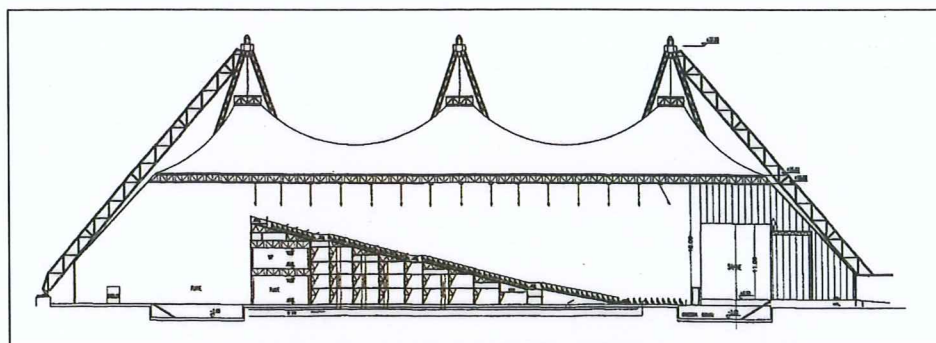
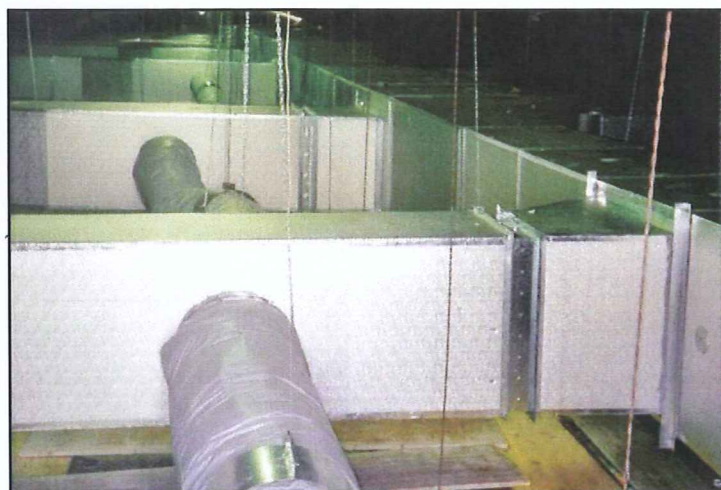
Maydonose Showland Music Hall is the biggest concert hall built in a tent in Europe. The architectural design is doubtless very innovative, also in consideration of the surface vastness: the composite structure adopts different building typologies for various scenarios.

The building peculiarity has required a specialised project, suitable for the various use and destinations.

In order to guarantee an appropriate flexibility for the structure purpose, the foyer and the main hall have been provided with air-conditioning installations completely independent of the other halls.

The total volume of the treated air is 240.000 m<sup>3</sup>/h with a support of 50% of recycling air and 50% of external air.

To achieve an efficient air distribution inside the structure, especially in consideration of the particular tensile structure, ALP System, the aluminium pre-insulated ducting system, has been installed.



**Project:** Mydonose Showland  
**Location:** Istanbul - Turkey  
**Use:** concert hall & different shows  
**Main data:**  
 - total surface 10.400 m<sup>2</sup>  
 - main hall surface 5.000 m<sup>2</sup>  
 - foyer surface 3.000 m<sup>2</sup>  
 - seats 5.500  
**Architectural design:** Hakan Kiran Ltd  
**HVAC design:** Eng. Baycan Sunac,  
 Eng. Cengiz Ozbugan