



Four Seasons Hotel St Petersburg, Russia



Presentation of the project:

A luxurious 5 star hotel complex has opened in the town centre of St. Petersburg in Russia. It welcomes prestigious clients and international summits and meets the town's increasing demand for hotel establishments. The building which was originally the palace of Prince Lobanov-Rostovsky and which is also known as "The House of the Lions" was designed and built in 1817 by Auguste Ricard de Montferrand who is best known for his architecture of the St Isaac Cathedral. The hotel has ultra-modern meeting and conference facilities, numerous restaurants and 183 guest bedrooms and suites covering a surface area of 19,000m².

Parties involved:

- Contractor: Strabag AG
- Architects: Yevgeny Gerasimov and Partners
- Installer: Profengineerstroy
- Investor: Four Seasons Hotels

Objectives:

- Ensure a low sound level (- 30/35 dB)
- Meet constraints in terms of the space available in the suspended ceiling and adapt to different ceiling heights

CIAT's solution:

273 CIAT fan coil units have been installed in the Palace. They provide a comfortable temperature for clients in both heating and cooling mode. Two constraints had to be taken into account when selecting the HVAC equipment: a low sound level (not more than 30/35 dB) and very compact fan coil units. Four types of CIAT units have been installed: Major Line, Melody, Major 2 and Coadis Slim. The Major Line units are used in the administrative offices, the Melody for the lobbies, reception areas and restaurants and the Major 2 and Coadis Slim for the guest bedrooms and suites thanks to their low sound level and the ease with which they can be adapted to different ceiling heights.

Technical data and equipment:

- 273 Major Line, Melody, Major 2 and Coadis Slim fan coil units
- Cooling capacity: 970 kW