

LU-VE SUPPLIES 12 SDHLFs FOR THE “T1 TOWER”

LU-VE has supplied 12 dry coolers (the SDHLF 241 C model) for the T1 Tower, an office-block skyscraper in Courbevoie (Faubourg de l'Arche), near La Défense business district to the west of Paris.

At a height of 169 metres (185 metres with the metal support structure of the antennae), it is the second tallest building in the La Défense district after the Total Tower and the fifth tallest in Paris. Designed by French architectural firm of Valode & Pistre, the tower was conceived as a folded glass plate which gives it the profile of a wind-filled sail. Work on the T1 Tower began in 2005 and was completed in 2008. From 2010 it will be completely occupied by the offices of Gas De France-Suez, the fourth largest group in the world in its sector - the production and distribution of electricity, natural gas and renewable energy.

The installation of the equipment for the treatment and conditioning of the air was undertaken by the Cofely company, a subsidiary of GDF-Suez. All parts of the T1 Tower are connected - as are numerous other sky-scrappers in the La Défense district - to an enormous local central unit for the production of hot and cold water which is used to climatize the offices. The towers of the area have heating and cooling plants, but these are connected to a centralized remote climatization unit. This does not apply to data processing centres which, for safety reasons, require autonomous equipment. In fact, the LU-VE dry coolers exclusively service the CED-Data Centre.

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