



## Centro Colombo Lisbon, Portugal

### Project Overview and Details

Portugal Telecom is the leading telecommunications and multimedia services provider in Portugal. Portugal Telecom is also present abroad, especially focused on Brazil, where it jointly controls Vivo, the largest mobile operator in Brazil, with a potential market of more than 140 million people. PT is the Portuguese Group with the largest national and international projection (2005), with more than 35 million clients in nine countries spread across the four corners of the world. Portugal Telecom is the most-traded company on the Euronext Lisbon Stock Exchange. PT is also listed on the New York Stock Exchange (NYSE).

### Task

A perfect working environment for the staff of the head office. Unproblematic, noiseless and maintenance-free operation of the heating/cooling system.

### Solution

1,300 Frese Automatic Balancing Valves (DN15) were selected to ensure the hydraulic balance of the heating/cooling circuit and the right temperature everywhere in the building.

KNOWLEDGE

QUALITY

INNOVATION

MANUFACTURING  
EXCELLENCE

CUSTOMER  
FOCUS

**Frese**  
Energy-saving valves