



New facilities of Sheremetyevo Airport - Russia

Opening of the new Terminal B in Moscow Sheremetyevo Airport for last summer's 2018 FIFA World Cup was needed and successfully completed with FlowCon to provide optimal indoor comfort for the high number of players, fans, officials and journalists. Now the new Terminal C is ready to open and FlowCon valves are still on board.

With these continued steps, Sheremetyevo - Russia's busiest airport - expects in the long run to enter the top ten quality servicing airports in the world. The airport has a total of 5 terminals: 4 passenger terminals and 1 special terminal reserved for business and private passengers.

The new Terminal B has the floor area of 110.525 m² and a yearly capacity of up to 20 million passengers (4.200 passengers per hour). Its new automated baggage processing system is integrated with the other terminals with the total throughput of 4.800 pieces of baggage per hour. Already now the new Terminal B is the home of Aeroflot and will continue to service domestic travellers to and from Moscow in the years to come.

The old Terminal C is demolished and the new terminal is integrating with Terminal B. Once inaugurated, Terminal C is to be designated international travellers servicing some 15 million passengers per year, utilising a total floor area of 114.800 m². This will further increase the airport's capacity. In 2026, according to plans, the capacity of the entire airport will reach 80 million passengers.

Testimonial

"The technical service of Sheremetyevo International Airport has not found a single failure during operation and the equipment of the manufacturer FlowCon International (Denmark) is working absolutely properly. We thank the team of the FlowCon manufacturer - for the excellent performance characteristics of the products, as well as the high level of service and excellent technical support.

The technical service team expresses firm confidence in the development of relations and further use of FlowCon equipment during the current construction of Terminal C and at other sites of Sheremetyevo International Airport.

We recommend the manufacturer FlowCon and their Russian distributor as respectable, reliable and professional partners".

O.C. Korolev, Head of Technical Service, operating terminal B and MTP Sheremetyevo.



Project configurations

FlowCon is the sole supplier of PICVs and ABVs to the Sheremetyevo Airport (Terminal B and C).

Architect: RMJM Serbia
Consultant: Goltsblat BLP
Contractor: OOO Sheremetyevo Terminal B (a joint venture between MASH OAO and TPS Avia Holding Ltd)
Project name: Terminal B and C at Sheremetyevo International Airport, Khimki, Moscow, Russia
Configuration of building: Terminal building incl. interterminal underground passage, retail zone and food court, four lounges + 4-storey parking
Number of valves: +2000 valves
Valve model: Chillers: FlowCon Wafers
FCUs: FlowCon AB w. E-JUST
Convectors: FlowCon Green
Configuration: PICVs on Convectors and ABVs on Chillers and FCUs
Types of application: New buildings
Date of installation: 2017 (B) + 2018/19 (C)
Date of inauguration: 3rd May 2018 (B) + January 2020 (C).

Application

Terminal B and the new Terminal C is fitted with FlowCon Wafers on the chillers, FlowCon AB with E-JUST with separate control on the fan coil units and FlowCon Green with modulating actuators on all convectors. With FlowCon ABVs fitted on the chillers and FCUs, sufficient and correct cooling is provided to the buildings during hot summers. With FlowCon PICVs on the convectors, necessary heating in wintertime and on cold days is controlled - also at partial load. All together FlowCon secures optimal indoor comfort for everybody no matter the time of year.



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