



## CONTEXT

**Customer :** FLAG SERVICES

**Sector of activity :**  
Specialized construction work

**Location :** Avoriaz (74)  
**Year :** 2025

**Equipment installed :**  
CFB 05520 M  
CFB 05520 S

**Description of the equipment :**  
2 Flange filters for compressed air  
treatment

**Total capacity :**  
5520 m<sup>3</sup>/h



## THE CUSTOMER

The Montagne d'Avoriaz ski area has launched a large-scale project aimed at strengthening artificial snow production through the creation of a new mountain reservoir and the expansion of its snowmaking network.

The reservoir, with a capacity of 92,500 m<sup>3</sup> and a surface area of 3.29 hectares, will be supplied by surplus water from Avoriaz's Lac 1730. The snowmaking network will cover 23 hectares and include 4,840 meters of piping feeding 54 snow guns.

For this project, CTA, a company specializing in refrigeration and air treatment solutions, is providing its expertise to ensure the system's reliability and performance.

The supplied equipment includes CFB Micronic and Submicronic filters, capable of removing particles down to 0.01 micron and oils down to 0.01 mg/m<sup>3</sup>, guaranteeing optimal air quality and long-term protection of the installations.

Through its technical expertise and high-performance solutions, CTA contributes to the success of a project that combines energy efficiency, environmental responsibility, and equipment durability in demanding mountain conditions.

