

Installation of **FILTRAGLASS** water filtration system in Denver

Since its founding, Filtraglass has sought to offer excellent water filtration systems that enhance the glass industry's operations, always with a dual objective, namely that of reducing environmental

impact by reusing water and converting glass dust into recyclable waste - all without needing to stop the machines. This last feature is particularly appealing to glass manufacturers given that the ability to clean the



With the deployment of its DG.365 model at Elevation Glass in Denver, Colorado, FILTRAGLASS marks a significant success story for a system that allows for continuous operation without halting production, boosting productivity while recycling water and converting glass dust into recyclable waste - all in alignment with current environmental sustainability goals.

water used during glass processing without halting production saves on maintenance costs and prevents downtime, thereby boosting productivity - a primary goal for any large company.

A VICTORY FOR AUTOMATION

This describes the case with Elevation Glass, a US company located in Thornton (Denver, Colorado) that specializes in such architectural glass applications



tion system collects the water used by the machines in a tank. From there, it moves to the pressure cylinder, which houses the filtration column that separates water from glass dust. Clean water, ready for reuse, is transferred to a new section of the tank, while the dust is trapped in the filter mesh. This entire water recycling process is cyclic and automatic, meaning it requires no personnel and does not need production to stop. Filtraglass's water treatment systems are designed with the glass industry's needs and the environmental challenges facing our planet in mind. Consequently, more and more glass manufacturers are becoming interested in the Vilamalla-based company's systems and decide to install them in their machinery to benefit from water savings and increased productivity, among other advantages. Furthermore, Filtraglass understands that the glass industry consists of companies with diverse requirements. Therefore, it customizes its water filtration systems, given that personalization represents a value that is highly sought after by clients.



as custom shower enclosures, stair railings, screens and mirrors, among others - customizing them to meet client needs. The company has opened a new, fully-automated glass manufacturing plant to better meet market demands, with productivity numbered among its main objectives. Therefore, one of the aspects that has most satisfied Elevation Glass about Filtraglass's water treatment systems for the glass industry is that it recycles water without needing to pause machine activity. Thus, the companies from Thornton (Denver) and Vilamalla (Girona) have started working together with the installation of the DG.365 model and a tank with a capacity of approximately 12,000 litres of water that are capable of supplying up to four edgers and one beveler.

SYSTEM SPECS

This industrial water filtra-



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