

CASE STUDY TUINDERIJ VERS

Tuinderij Vers

Tuinderij Vers is a modern vegetable processing specialist, focused on cutting, mixing, and packaging a wide range of vegetables and fruits into ready-to-use and ready-to-cut products. The product range of Tuinderij Vers includes various ready-to-cut vegetables, vegetable mixes, salad specialties, freshly cut vegetable salads, and ready-made meal salads, presented in specific packaging to meet the needs of wholesalers, supermarkets, and the foodservice industry.

Collaboration between Interfilter Group and Tuinderij Vers

To ensure that all vegetable and fruit products remain at the correct temperature during the processing phase, Tuinderij Vers uses various cooling units on the roof. A common problem is that these units, due to constant outdoor air intake, attract a lot of coarse dirt, which then enters the unit. This leads to undesirable consequences such as reduced cooling efficiency, shortened unit lifespan, and significantly higher energy consumption due to less efficient airflow. A contaminated unit also means more frequent technical cleaning, leading to increased maintenance costs.

To address the above issues, we assisted Tuinderij Vers in the optimization process. After a thorough site survey, our colleague Mats Verbrugge, in consultation with Loek Rochus and Martin de Boer, was able to provide advice. After reviewing all the advantages, we were given the green light to proceed with the project.



ProScreen.

PROJECT PHOTOS ON LOCATION



Condensers without ProScreen



During installation



Cooling units equipped with screens

PROTECTION FOR AIR-COOLED CONDENSERS

Easy maintenance and more efficient systems

Thanks to ProScreen, the condensers remain clean, and coarse dirt will now be prevented from entering. "Throughout the year, ProScreen is very easy and quick to rinse and/or brush. As a result, fewer deep cleans are required, which leads to substantial cost savings. This results in a more efficient, energy-saving, and cleaner cooling system that can run at its highest possible efficiency throughout the year," says Mats Verbrugge, Area Sales Manager at Interfilter Group. An additional notable benefit is that energy consumption is reduced by 6.5% annually by using ProScreens. In the case of Tuinderij Vers, this means a savings of at least €78,000 per year.

Expected Results

According to the ROI calculation from Interfilter, it is expected that Tuinderij Vers will recoup their investment in ProScreens within 2.3 years. This is due to the reduced energy costs, lower maintenance costs, and the extended long-term lifespan of the installations.

Special Thanks

This successful project at Tuinderij Vers was made possible thanks to Loek Rochus and Martin de Boer, who worked closely with our representative Mats Verbrugge. A good partnership once again shows that great results can be achieved, in this case, a fantastic optimization of the cooling systems.

FACTS AND FIGURES



Protects the condensers
from dirt & hail



Reduces annual energy
consumption and costs by
6.5%



Reduces maintenance &
cleaning costs by 50%



Extends the lifespan of
cooling installations



Easy to assemble,
disassemble & clean



ROI recouped within 2.3
years