

AIR INTAKE SCREEN PROSCREEN



Protects installation
against dirt and hail



Reduces 10-15% energy
consumption



Reduces maintenance
costs by 50%



Return On Investment
1-3 years

“Easy to assemble
with ProFix and
ProMag mounting
systems”

OUR WORKING METHOD



Intake

We come to your location to measure the installation for the ProScreens®.



Proposal

We then provide the quotation and technical details.



Installation

We install the ProScreens® on location without any installation downtime.



Evaluation

After installing the ProScreens® we evaluate the results.

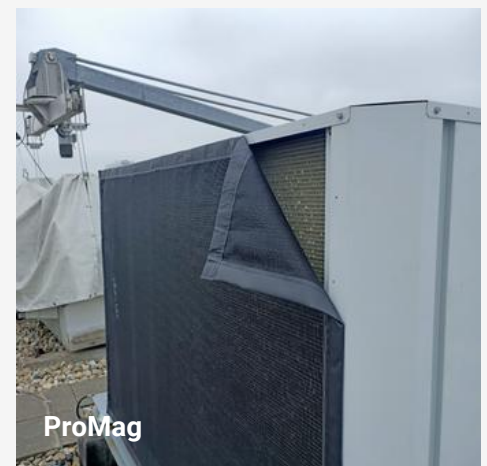
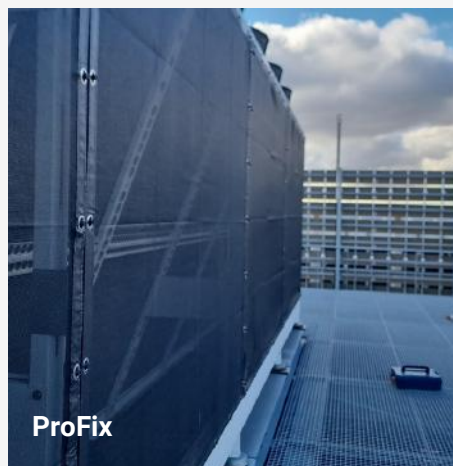
The systems

ProFix

The screens are attached to the installation by profiles and clips.

ProMag

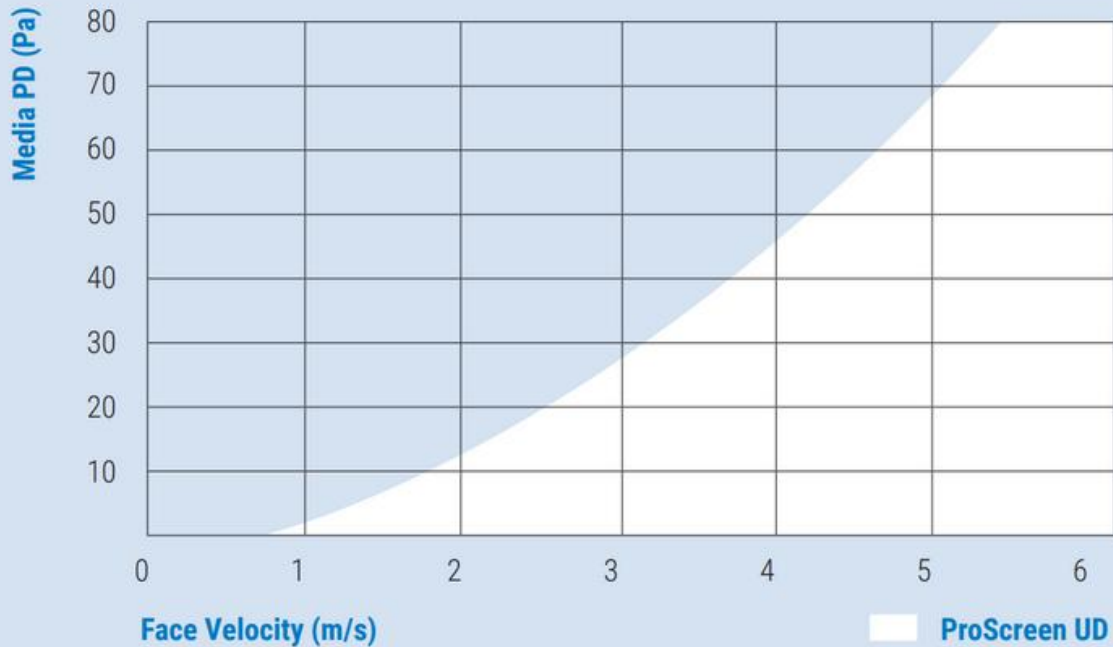
The screens are attached to the installation by magnets.



SPECIFICATIONS



- UV resistant
- Working temperature - 15 °C to +50°C
- Resistance: 11 Pa at 2 m/s
- Expected lifespan 10+ years
- Greenguard and Microban certified
- Protects the installations against hail



10-15% energy saving



ROI of 1-3 years



50% savings on cleaning costs

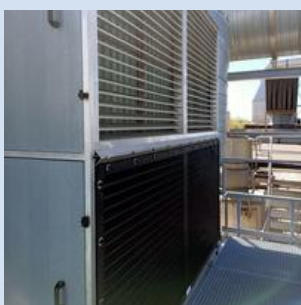


Extension of installation lifespan



Easy to clean

Applications



Intake grilles LBK



Table Model Drycoolers



V-shape Drycoolers



Cooling machines

CASE STUDY

Drycoolers V-shaped on the roof of a data center



Easy
cleaning



Up to 12% energy
savings

Segment

Datacenter

Application

V-shape refrigeration
systems

Goal

Energy savings, more
control over pollution
and lower maintenance
costs

Result

ProScreen ensures that coarse contamination, which normally ends up in the condenser, is captured. This gives the possibility to clean the screens more often, faster and easier during the year with, for example, a soft brush. This results in more control for you as a user, as well as a more efficient, more economical and cleaner cooling system that will operate with a higher efficiency all year round. A higher efficiency and cleaner system will result in an energy saving that can amount to up to 12%.



ProScreen Result



Contamination of condensers



Without ProScreen



Met ProScreen

Drycoolers Table model equipped with screens



50% savings on
maintenance costs



€1,260 less energy
costs per year



2,800 kg less CO2
emissions per year



ROI within
1.6 years

Segment

Storage and transshipment
of frozen products

Application

Table model refrigeration
unit

Goal

Less pollution and
lower maintenance
costs

Result

At this location there are 12 drycoolers which were previously technically cleaned twice a year by an external party. The costs for cleaning per machine were 1250 euros per year.

When using ProScreen, these costs are reduced by 50%, which means savings on maintenance costs is already 7,500 euros per year.



ProScreen Result



Contamination of condensers



Without ProScreen



Met ProScreen



Curious about all our ProScreen projects? Scan the QR code or read more at www.interfilter.nl



Stay up to date with developments in filtration. Scan the QR code and follow us on LinkedIn. [in](#)

