



K°Protect Screen

PROTECT YOUR HEAT EXCHANGER

DECREASE OF YOUR HEAT EXCHANGER OPEX

The K°Protect Screen filters the inlet air of your Dry-Coolers, Condensers, Radiators and Air Handling Units by stopping airborne debris like leaves, insects, cottonwoods, paper, plastics, hairs, etc. going into your heat exchanger.

By stopping this airborne debris before it enters the inner coil, fouling and clogging is prevented. Compared to coil cleaning the screen can be easily cleaned from the outside which results in a significant reduction of maintenance and coil cleaning costs.

As the coil is protected against fouling and clogging, the heat transfer is being kept on an optimal level which results in better system efficiency and lower energy costs.

YOUR BENEFITS AT A GLANCE

- ▶ STOPPING AIRBORNE DEBRIS ENTERING YOUR HEAT EXCHANGER
- ▶ PROTECTING THE COIL FROM FOULING & CLOGGING
- ▶ REDUCING COIL CLEANING EFFORTS UP TO 50%
- ▶ LOWERING THE ENERGY CONSUMPTION
- ▶ INCREASE OF THE EQUIPMENTS' LIFETIME

K°PROTECT SCREEN APPROACH

We are the experts in heat exchangers and thermodynamics.

We provide a custom fit solution with no down-time requirements during installation.

We can provide this service direct or through your trusted installer, across all brands.

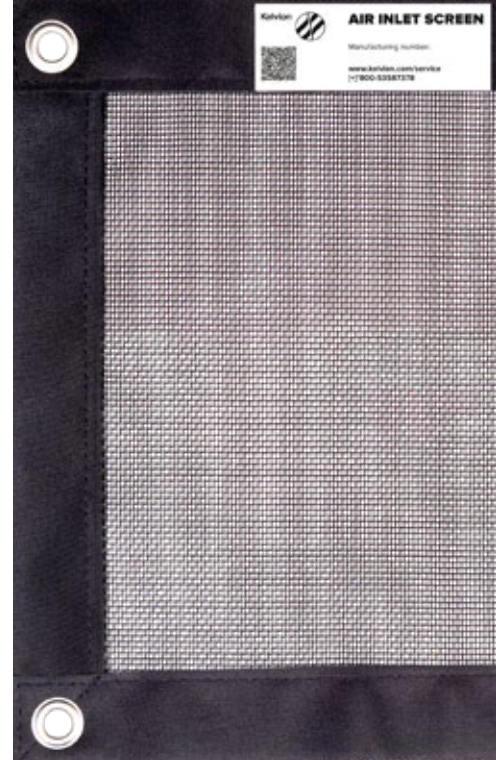
THE SCREEN

PROPERTIES

- ▶ Easy to clean when mounted by hand/ brush / broom
- ▶ Easy disassembly when damaged or for remote cleaning
- ▶ Customized to suits every situation

SPECIFICATION

- ▶ Low air flow resistance of 20pa@3m/s
- ▶ UV resistant
- ▶ Standard mounting/fastening system is all PVC. If this system won't fit at the unit, we can switch to Stainless steel custom solution.
- ▶ Woven Polyester with a PVC coating

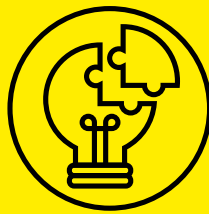


4 STEP PROCESS



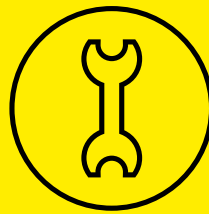
INSPECTION

We will perform a product inspection to gather all required information & measurements.



PROPOSAL

We will define the technical execution of the product and provide a proposal.



INSTALLATION

We will install the Air Inlet Screen on site without any downtime of your installation.



EVALUATION

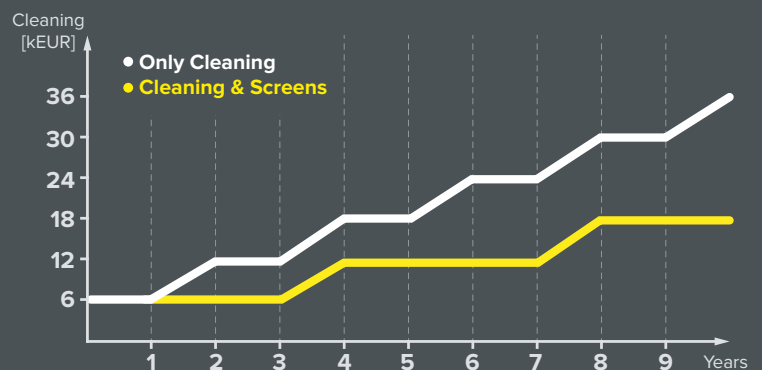
After installation we will evaluate the results.

REDUCTION OF CLEANING TIME BY 50 %

By using the new K°Protect Screen a reduction of cleaning time by 50 % over time is possible. Due to the low initial investment costs as well as the easy mounting of the screen itself, your heat exchanger OPEX will decrease significantly.

Additional savings in regards to energy and maintenance are further benefits.

CUMMULATIVE OPEX FOR HEAT EXCHANGER CLEANING



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