

Cleaning Plate Heat Exchangers

Plate-type heat exchangers are used in many different industries. In the following report, we are giving details of a job to clean plate-type heat exchangers in a sugar factory in Turkey.

The cleaning was carried out using a KAMAT pump type K 11026 A together with the following accessories: High pressure gun KSP 1200; 2.2 mm diam. fan jet nozzle with a jetting angle of 30°.

A working pressure of 400 bar was sufficient to remove the deposits.

For each plate, approx. 180 seconds were required to finish the cleaning job.

Photos on the right and below:

The two pictures show the degree of soiling before the plates were removed.



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Very often, the customer demands that the seal of the plate must not be damaged during cleaning as its replacement is very expensive.

In such a case a stencil has to be prepared to prevent the water jet from damaging the seal. In our case, however, the seal was replaced after the cleaning and it was not necessary to carry out any special preventative measures.



Photo on the left:

The plate is being cleaned with a high pressure gun, at a working pressure of 400 bar.

Photos on the right and below:

The pictures show the cleaned plates.

