

## Heat recovery from humid air to water

### The problem

GRO Industrier, Tönsberg, Norway is producing happy smiling potato chips. The exhaust air from the process line is not only warm and humid, but also very greasy.

The first challenge was to recover the energy to water with a temperature rise of 70°C, which requires nearly the same leaving water temperature as entering air temperature.

The second challenge was to condensate out enough moisture to eliminate ice coating on the roof in winter time.



### The solution – AirCross – With even better performance than planned

Below figures explain why GRO had to take several measurements to believe the fantastic performance. The greasy air has not caused an increased pressure drop.

