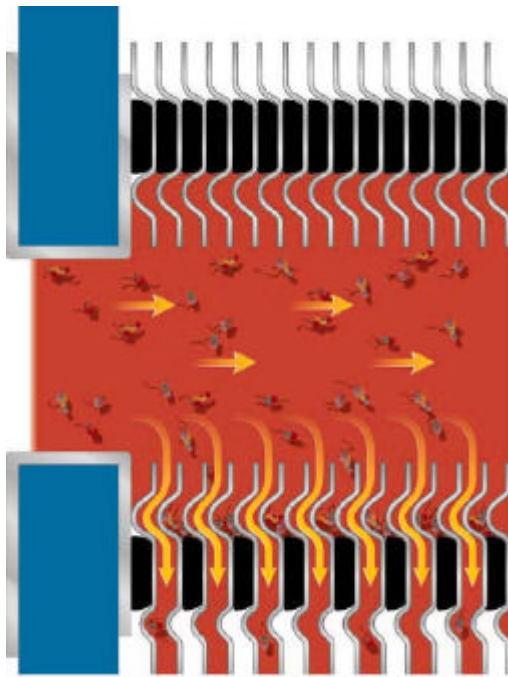


Special Wide Gap Non-Clogging Port Design

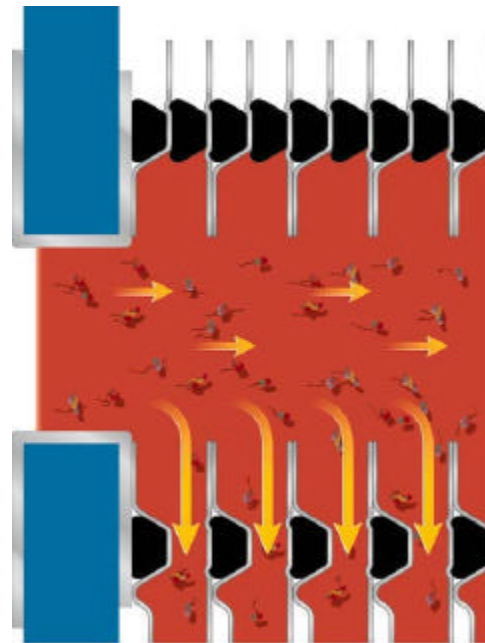
The Alfa Laval Special **Non-Clogging Port** is the most important feature for the performance of the Wide Gap Plate Heat Exchanger. No matter how wide the channel gap is, if the port has an incorrect design all fouling materia like fibres or particles will accumulate here. See below for an explanation how it works

Regular Port Design



For comparison a regular port design have narrow channel entry zones and port holes are corrugated. Between every flow channel there is a dead area where fluid and fouling materia such as particles or fibres will accumulate.

Non-Clogging Port Design



The special Non-Clogging port design features a wide channel entry zone with no corrugations around the port holes either at the inlet or outlet of the channel. The special design of the port also bring adjacent plate ports together so that no dead areas are formed in between the flow channels.