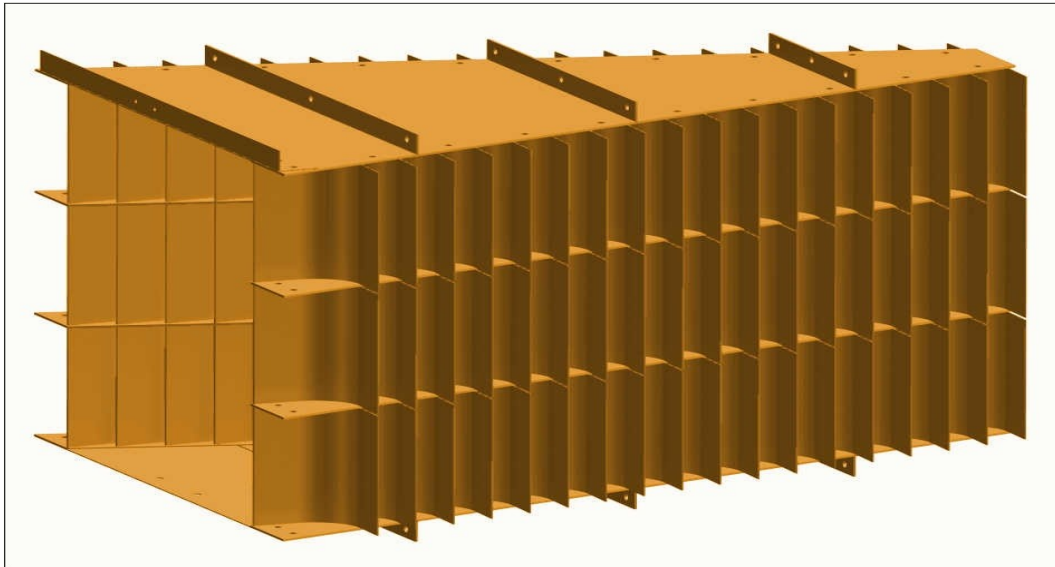


- AFP ST INLET DEVICE -

The AFP tech ST inlet device is composed by one or more planes of vanes and two covers that allow to canalize the flow through the slots among the vanes.

This kind of inlet device is widely used in horizontal and vertical vessels when the inlet flowrate, composed by a mix of liquid and gas, is large.



The two most important effects of the ST inlet device on the flow are:

- a first separation between the liquid and the gassous phases.
- to obtain a regular and optimal distribution of the gas flow through the vessel

- ADVANTAGIES -

The main advantagies provided by ST inlet devices are:

- reduction of the vessels dimensions with a significant saving of material,transport and installation costs.
- reduction of the diameter of the inlet nozzle
- reduction of the stress due to the flow, in order to obtain a primary separation of the phases.

