

A brand of
Aqseptence Group

Outlet Baskets

Increased value and reliability in downflow and upflow process applications



In downflow and upflow process applications, a screen at the bottom of the vessel is required to prevent media from migrating out of the vessel and to provide proper upflow distribution of the process gas or liquid. This function is best performed with a Johnson Screens' Vee-Wire® outlet basket.

Made of wires and rods welded at every intersection, the Johnson Screens brand of Vee-Wire outlet basket has exceptional resistance to collapsing and buckling — even under extreme loads and high temperatures that are commonly experienced in hydrocarbon processing service.

The Vee-Wire outlet basket's slot size can be as narrow as 0.005 in. (125 microns) and will directly retain even the smallest size desiccant.

Even with a narrow screen slot size, the Vee-Wire outlet basket has a much higher total open area than assemblies using wire mesh or perforated plate. This increased open area translates directly into superior process efficiency, and negligible pressure drop increases.

The Vee-Wire outlet basket assembly is designed for manway installation as a single unit or segmented basket. Once installed, the Vee-Wire screens require very little maintenance — the unique slot design virtually eliminates plugging.

Standard Johnson Screens' Vee-Wire outlet baskets are manufactured from 304, 316 or 321 stainless steel, but other exotic materials are available to meet operational requirements and special vessel requirements.

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