

RFC RADIAL FLOW COLUMN

High Volume Radial Flow System





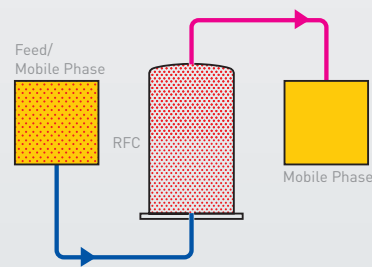
Radial Flow Column

Radial Flow Columns manufactured by Handtmann incorporate a state of the art design suitable for a large volumes and high flow rates. The RF column screens can be tailor-made to securely retain any specific ion exchange resin or other adsorber material. The columns are easy to pack and to unpack.

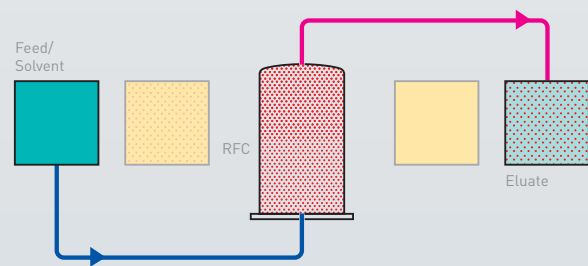
Applications among many can be the food industry, functional food additive production, dairy applications, large volume ion exchange processes or catalytic conversions.

Handtmann as a fourth generation stainless steel fitting and plant factory can engineer and manufacture the complete plant together including cleaning in place units (CIP), automation, integration and start up of the system.

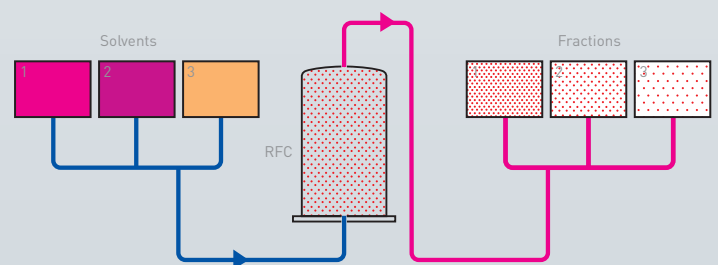
Food / Beverage Treatment

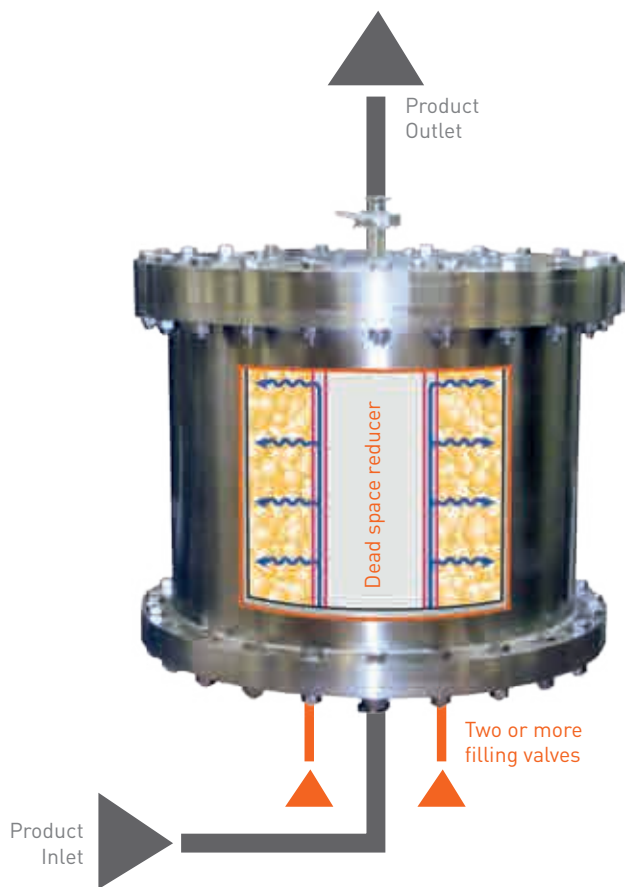
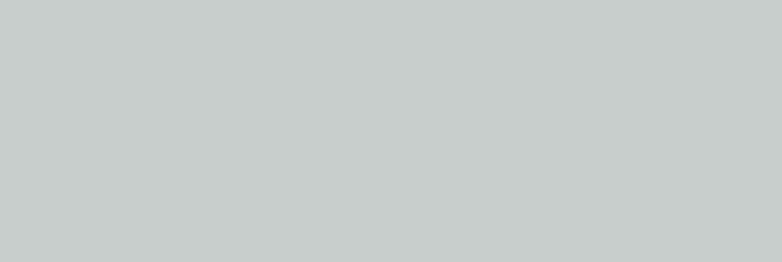
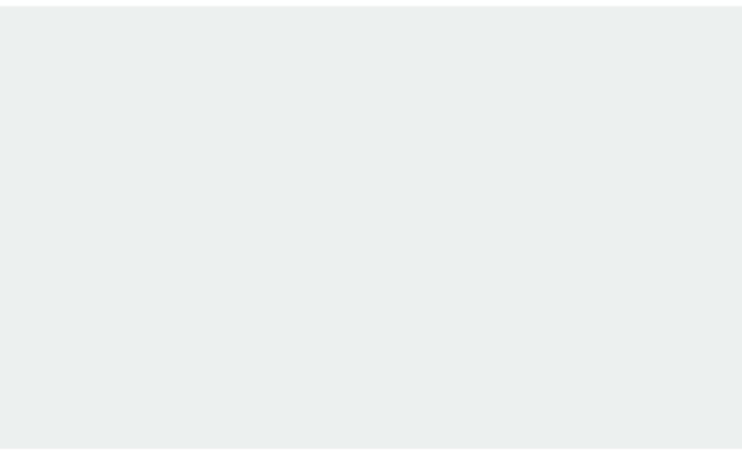


Capture Process / Elution



Chromatography





Description of the Radial Flow Column

Properties of the Column

- Temperature resistant up to 100 °C
- Pressure up to 6 bar
- High Flow rates, yet low differential pressure over the bed
- Fully automated operation
- Cleaning procedure can be customized
- Net volume: 21 – 260 liters

The Handtmann RFC can be used as a single module set-up or with two or more modules, either in parallel or in alternating usage.

The size and volume of the RFC can be produced tailor-made. Further customization in regard of mesh size and bed heights can be incorporated depending on adsorber material.

Construction material: All stainless steel 316 L, 304

YOUR PARTNER.

Made in Germany



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