



**Johnson  
Screens**

A brand of  
Aqseptence Group

# Oleflex™ Process Replacement Parts

Johnson Screens' Oleflex™ Process Replacement Parts provide end users with a proven supplier and trusted partner that provides end users with parts that withstand the harshest conditions, all while protecting expensive catalysts.

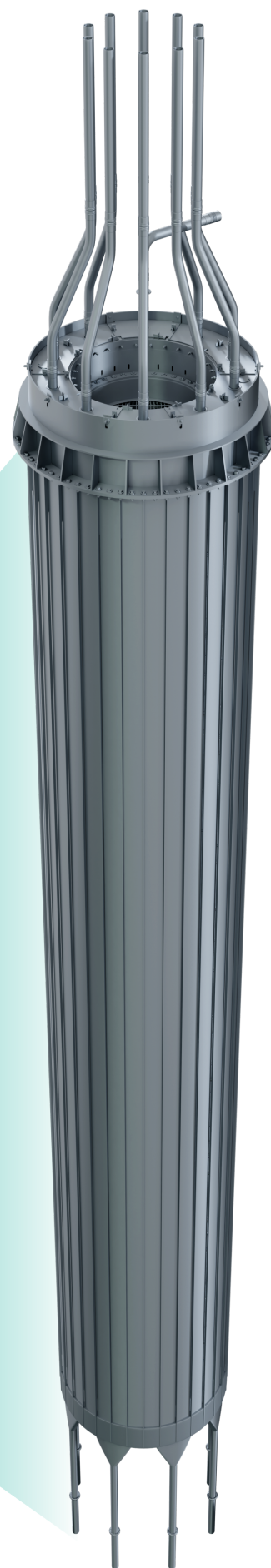
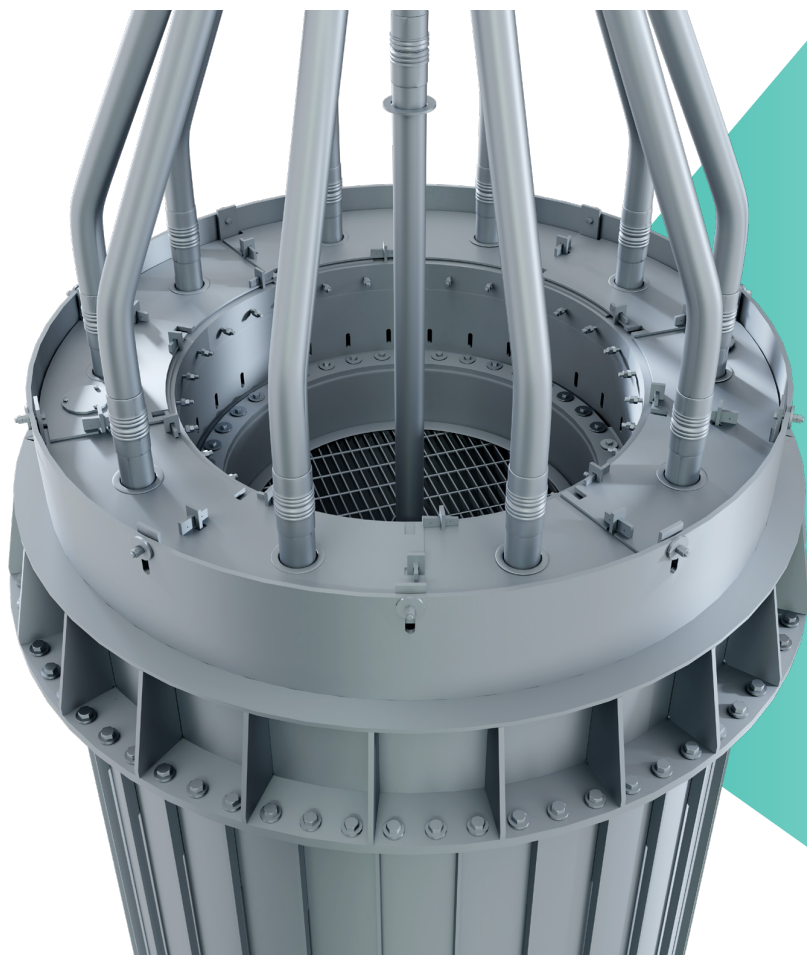
Johnson Screens is a global manufacture of profiled wire used in a multitude of refinery applications and reactor internals though out the world.

Oleflex Reactor internals are manufactured, supplied and designed using patented technology that Johnson Screens has developed.



# Outer Screen

Johnson Screens utilizes patented one piece channel rod technology for the manufacturing of the Outer Screen Assembly. The single piece design ensure high strength, high reliability and exacting perforation patterns to maximize the efficiency of the gas flow across the catalyst. The channel rod design is unique and has been supplied by Johnson Screens to Oleflex reactor internals for over 30 years.



# Inner Screen

Johnson Screens' attention to details when building Oleflex Inner Screens, allows for exacting standards and a product that performs to designed to the specification.

- Various option in T-rod design to ensure maximum process
- Johnson Screens goes through great steps of exactly place T-Rods to precisely control gas flow and maximize output
- Control slot accuracy during production
- Outer base and support plate welds are smooth so there will be no damage to catalyst, no hangups and a smooth catalyst flow
- Non-binding screen



# Plug Distributor

Johnson Screens Plug Distributor allows for the even distribution of the gas, ensuring maximum return on investment.

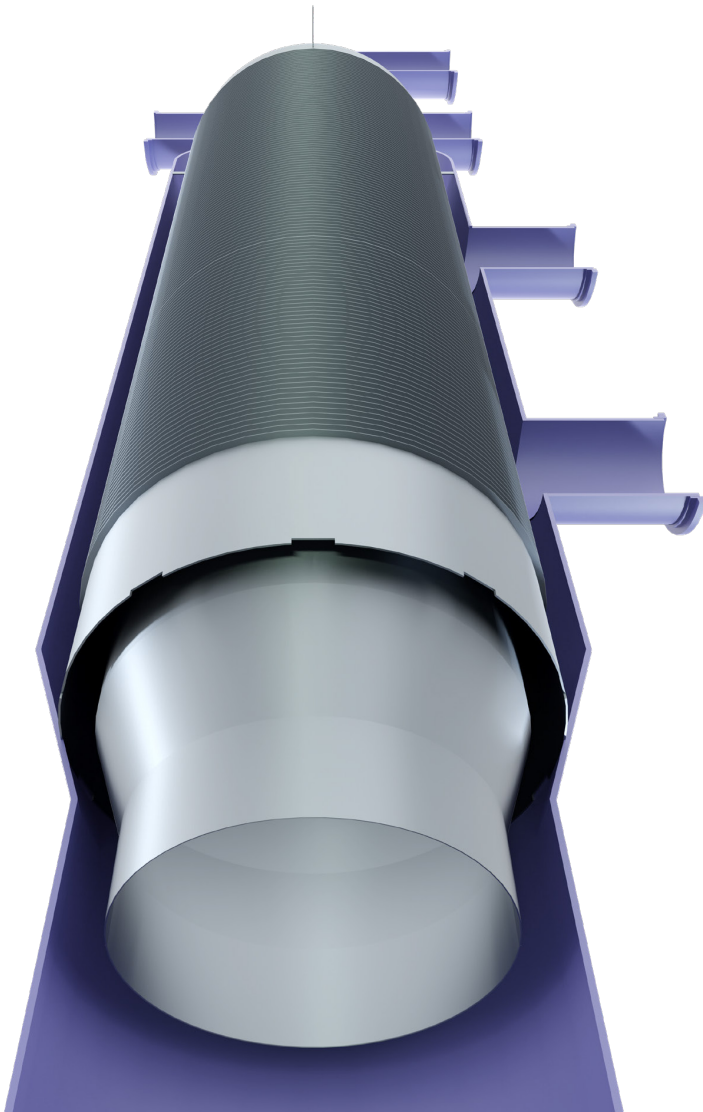
- Continuous vessel pressures
- Reliability and quality workmanship
- Intensive inspection processes and proper finishing of welds, ensures catalyst will not be damaged
- Variety of exotic material available
- Built to withstand high temperatures and extreme conditions



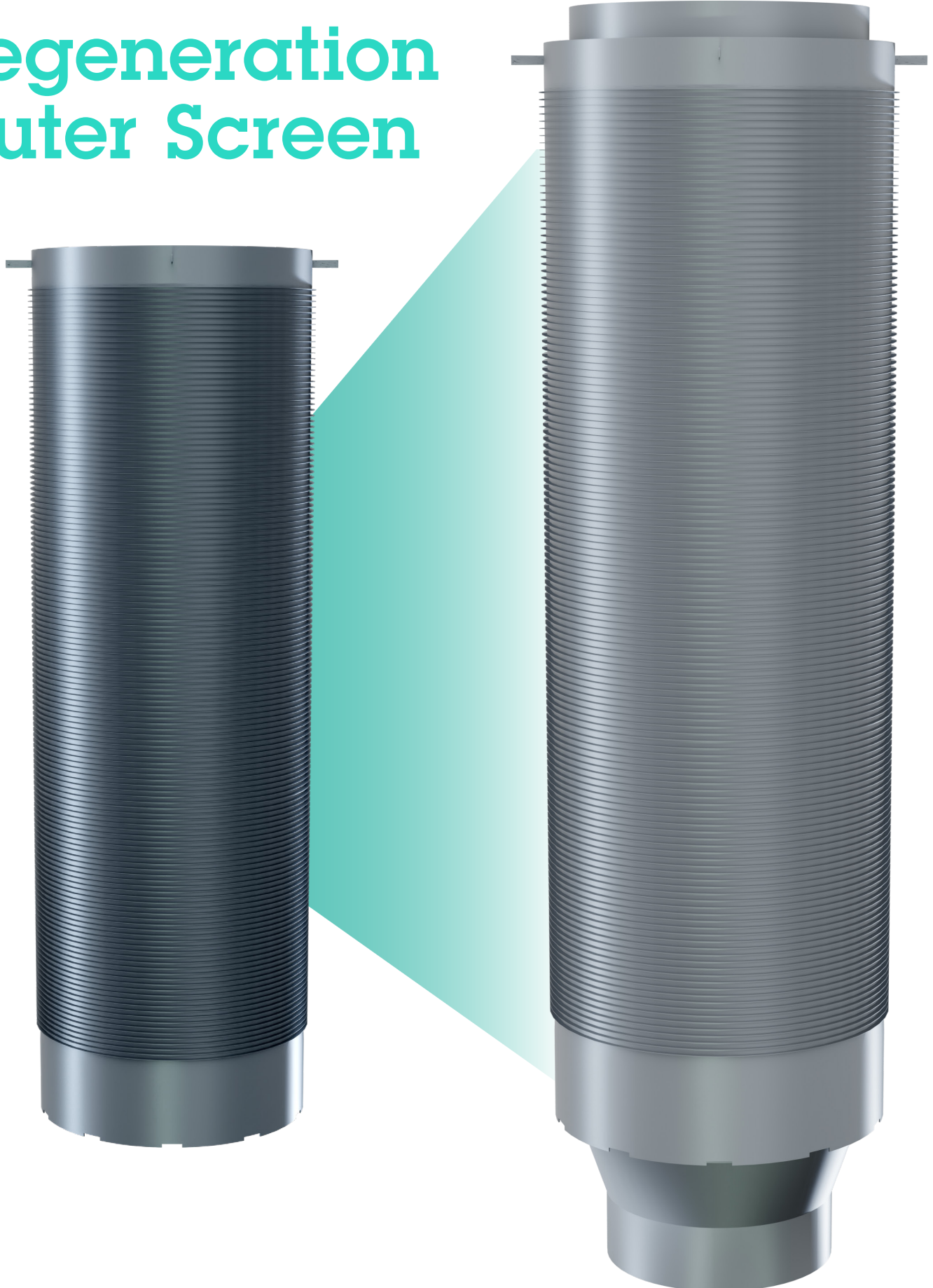
# Catalyst Regeneration

Johnson Screens

- Quality Workmanship
- Variety of exotic materials available
- Can be constructed to withstand high temperatures and extreme conditions



# Regeneration Outer Screen



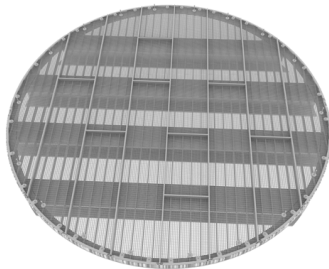
# Regeneration Inner Screen



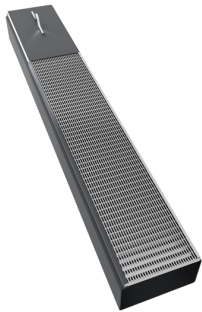
# Johnson Screens provides an extensive offering of products and services for the hydrocarbon processing industry

Johnson Screens offers a complete solution includes:

- Down Flow Reactor Internals
- Radial Flow Reactor Internals
- Installation of Internals
- Hydrocarbon Refining Reactor Internals
- Petrochemical Processing Reactor Internals
- Gas Processing Column Internals
- Emergency Service



**Support Grid**



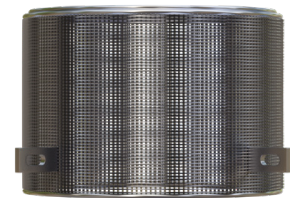
**Scallops**



**Center Screen**



**Outer Basket**



**Outer Basket**

Visit Johnson Screens' website to see the full line of hydrocarbon processing products, or find a reactor internals specialist engineer at one of our global manufacturing plants to assist you in finding the proper solution for your application.

We look forward to providing the quality engineered products you have come to expect when specifying Johnson Screens.

**Johnson Screens**  
Energy and Processing Technologies

North and South America  
Phone +1 651 636 3900  
info.us@johnsonscreens.com

Europe, Middle East & Africa  
Phone +3 3 23 75 05 42  
info.fr@johnsonscreens.com

Asia Pacific  
Phone +61 7 3867 5555  
info.au@johnsonscreens.com

[johnsonscreens.com](http://johnsonscreens.com)

© 2022 Johnson Screens Inc. All rights reserved. Johnson Screens Inc. assumes no liability for possible catalogues, brochures and other printed material errors. The technical data in this brochure is subject to change and for illustrative purposes only and should not be applied as published to your individual case. Johnson Screens reserves the right to alter its products without notice. Any reproduction, distribution, display or use of this information in whole or in part without the written authorization of Johnson Screens is strictly prohibited.

22-EPT-0020-v1-4-ENG