











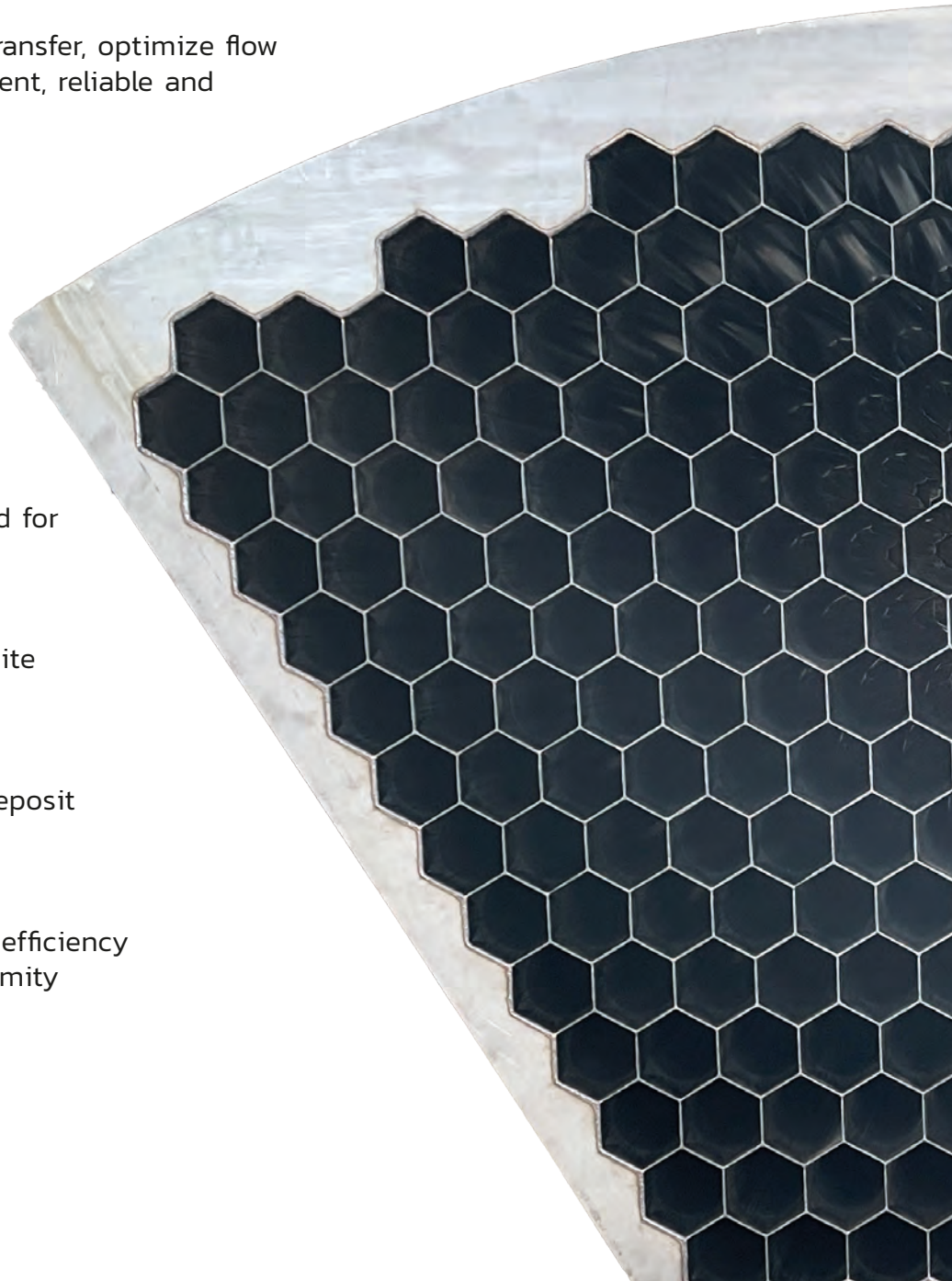
HONEYCOMB CALANDRIA

For High-Performance Vacuum Pan Operation

Engineered to maximize heat transfer, optimize flow and increase output – for efficient, reliable and sustainable sugar production.

Key Benefits

-  Increased heating surface
-  Reduced steam demand for cleaning
-  Homogeneous masecuite flow and crystal growth
-  Significantly reduced deposit areas
-  Improved heat transfer efficiency and temperature uniformity
-  Lower cost than tube sheet replacement
-  Fast and simple installation
-  Worldwide proven technology



+30 % Heating Surface Increase*	-70 % Cleaning Steam Consumption*	300+ Installations Worldwide
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*Compared to conventional tubular calandria designs





BEFORE - Conventional Tubular Calandria



- ✗ Large crystal deposit area
- ✗ Dead zones between tubes
- ✗ Irregular massecuite flow
- ✗ Reduced heat transfer efficiency
- ✗ High steam demand for cleaning

AFTER - Honeycomb Calandria



- ✓ Homogeneous massecuite flow
- ✓ Minimal crystal deposit area
- ✓ Maximum heat transfer
- ✓ Minimum lifetime costs
- ✓ Manufactured in INOX

Designed for Long-Term Efficiency & Sustainability



Lower Energy Consumption



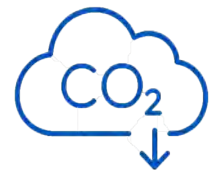
Reduced Water & Chemical Usage



Shorter Cleaning Time



Reduced Maintenance Effort



Lower CO₂ Emissions

Customized. Proven. Reliable.

- ✓ Retrofit and new build solutions
- ✓ Engineered for a better performance
- ✓ 40+ years of experience



Buckau-Wolf
your partner for efficient
sugar production

For more than a century, Buckau-Wolf has been a trusted partner to the global sugar industry, delivering innovative solutions that enhance performance, reduce operating costs and drive sustainability.

