

# Brooks On-Board® Enhanced 8F Upgrade

## Plug-n-Play Component Upgrade:

- Brooks offers a performance-enhancing, fully-integrated On-Board Cryopump upgrade solution for the EnduraCL system:
  - Enhanced On-Board 8F 3ph Cryopumps replace standard On-Board 8F 2ph or 3ph Cryopumps.
  - Enhanced On-Board 8F upgrades provided during repair or exchange service

## Value Proposition:

- This upgrade is for Customers who have a growing concern with wafer throughput. This upgrade will ***increase wafer throughput by increased gas capacities and extended regeneration frequencies.***



All upgrade inquiries must be transacted through Brooks technical support 1-800-FOR-GUTS®

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## Features:

- **Improved array design for increased capacity**
- **Plug-n-Play installation**
- **Backed by 1-800-FOR-GUTS<sup>®</sup>:  
7x24x365 Technical Support  
Benefits**

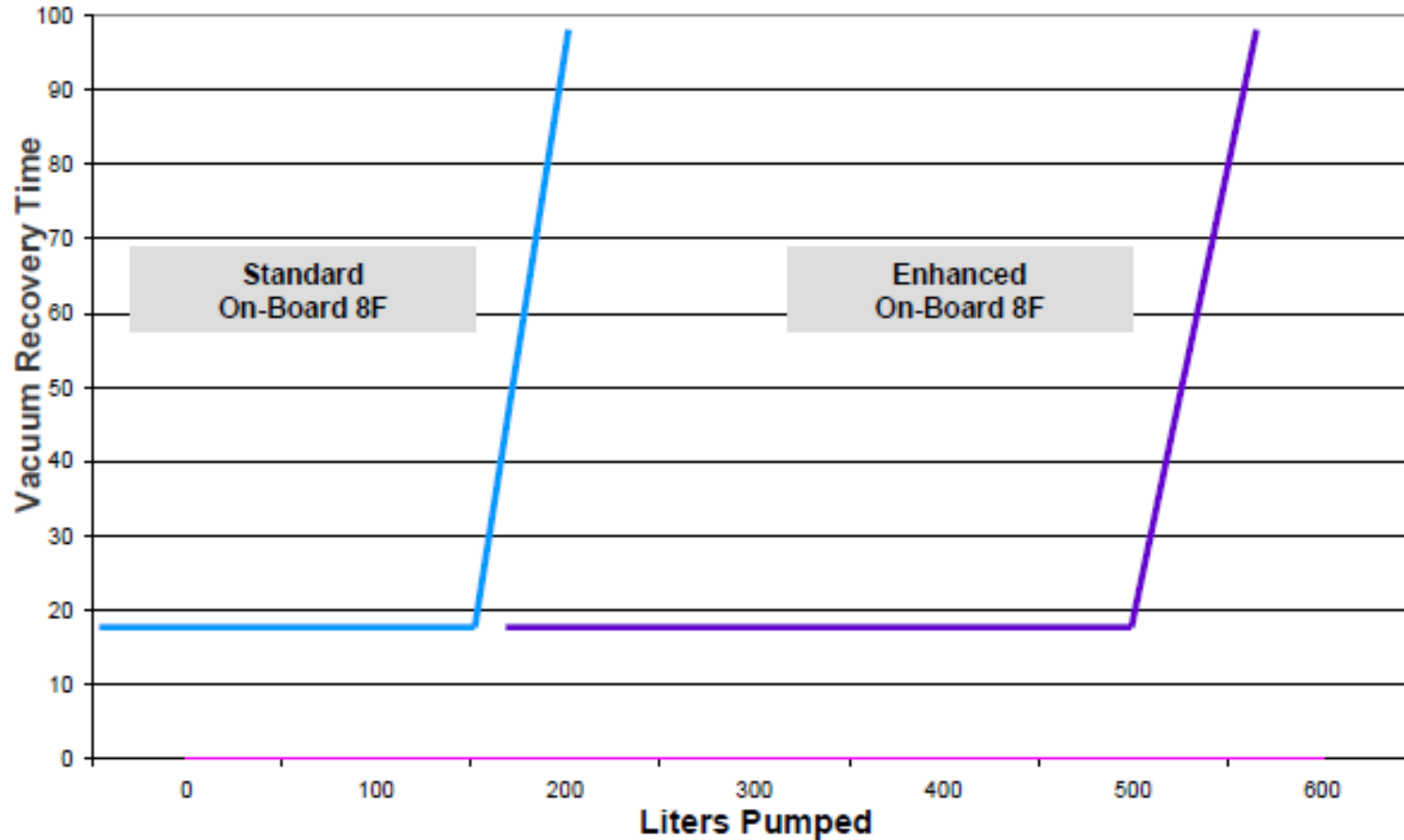
## Benefits:

- **Improved Performance**
  - **A significant increase in process gas pumping capacity**
  - **An increase of productivity for each chamber**
- **Reduced Unscheduled Downtime**
  - **An improved preventative maintenance capability: downtime can be determined by Process Kit changes rather than gas loads in the Cryopump**

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Recovery Performance N2 / Argon Processes



On-Board 8F Enhanced Cryopump reduces regeneration frequency to 2x per month per chamber

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