



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 Endura CL 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.



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Features

- Improved array design for increased capacity
- Plug-n-Play installation
- Backed by 1-800-FOR-GUTS[®]:
7x24x365 Technical Support

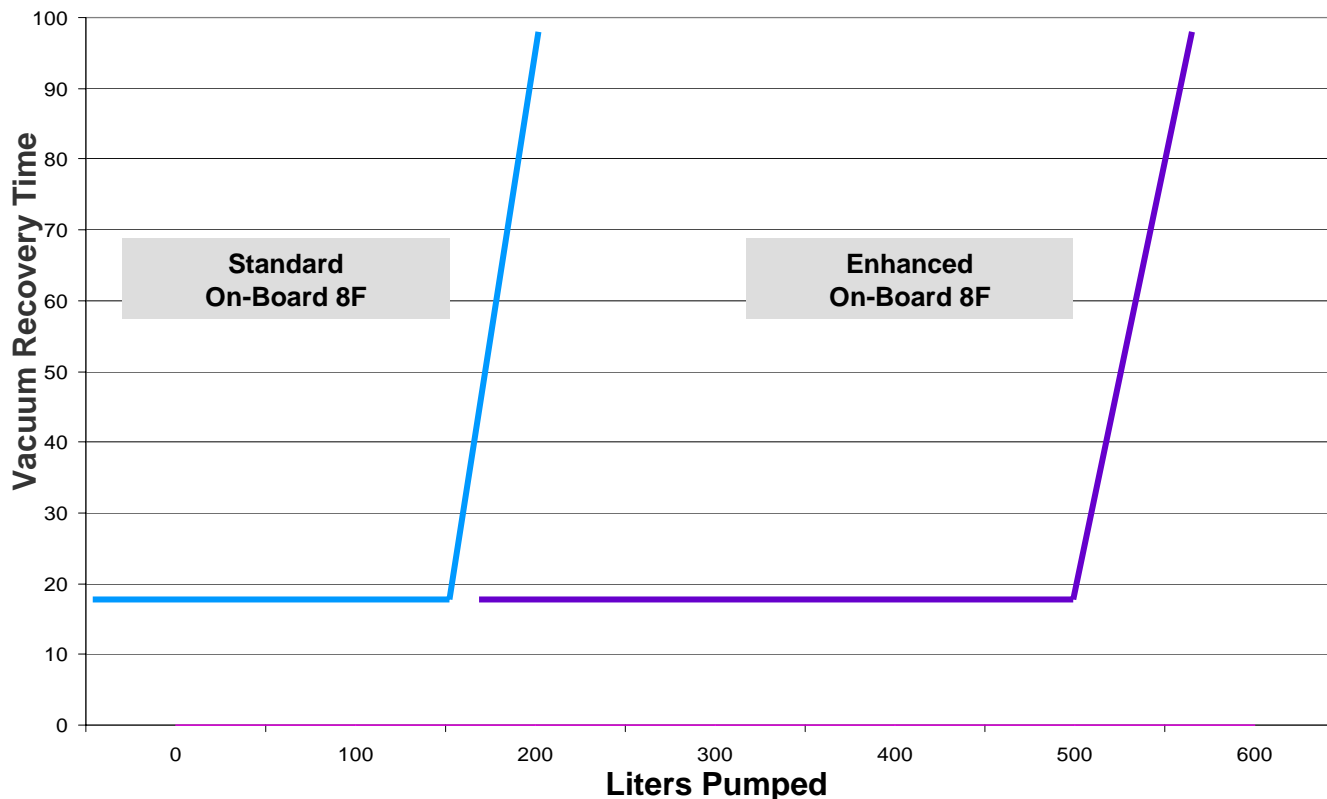
Benefits

- Improved Performance
 - A significant increase in process gas pumping capacity
 - An increase of productivity for each chamber
- Reduced Unscheduled Downtime
 - An improved preventive 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