

# Frequently Asked Questions

## What is Ultra Prime?

Ultra Prime is a state-of-the-art freeze-dryer designed for superior performance, repeatability, and sustainability, incorporating advanced LyoLogic HMI technology..

## How does Ultra Prime differ from previous Ultra models?

Ultra Prime offers enhanced performance, upgraded GWP sustainability, and a more space-efficient design compared to earlier Ultra models.

## How does Ultra Prime reduce its Global Warming Potential?

Ultra Prime uses refrigerant gases with GWPs of just 2 and 6, compared to the old system's gases with GWPs of 1,774 and 13,396. This significant reduction reflects our commitment to sustainability and reducing environmental footprints..

## How is Ultra Prime more efficient?

Ultra Prime features enhanced cycle efficiencies and an innovative baffle system that improves ice capture on the condenser. These advancements reduce energy consumption, operational costs, and environmental impact.

## How does the smooth-walled condenser improve performance?

The smooth-walled condenser enhances performance by reducing the potential for contamination and ensuring efficient freeze-drying cycles for optimal results.

## Is LyoLogic HMI interface easy to use?

The LyoLogic HMI interface is user-friendly, providing intuitive controls that simplify your freeze-drying process while offering precision and flexibility..

## What kind of training is available for operators?

We offer Remote Lyophilization Training and Hands-On Training Opportunities to ensure operators can effectively and sustainably utilize Ultra Prime. These programs help maximize cycle efficiency and optimize system performance.

## Can Ultra Prime handle a variety of applications?

Absolutely! Ultra Prime is designed for versatility, making it suitable for a wide range of industries and applications including but not limited to:

- Tissue / Wound Care
- Diagnostic Kits
- Bulk API
- Nutraceuticals

