

ULTRA Animations And Video Content Guide

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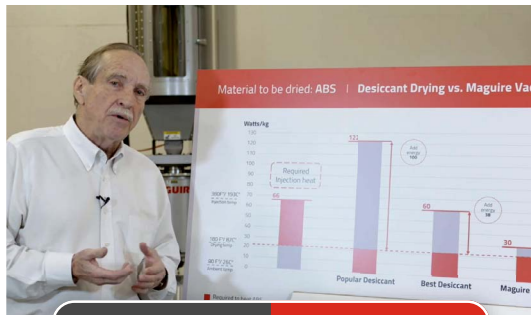
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A range of new animations that help explain the **ULTRA Low Energy Dryer** are available on the marketing portal and the Maguire YouTube channel.

ULTRA Low Energy Drying



ULTRA Explained By Steve Maguire

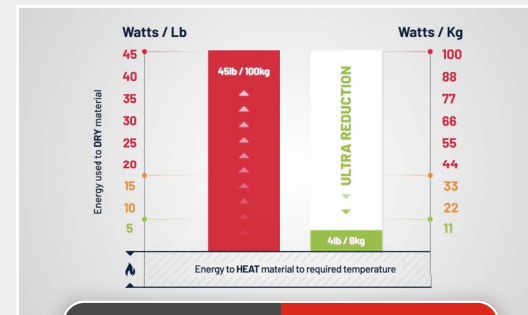


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ULTRA Energy Savings



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ULTRA Smart Design And Control

1. Load Cells

The use of **load cells** on the **vacuum chamber** and **retention hopper** allow the drying rate to match the process rate.

As process demands go up or down and lb(kg) demands go up or down, we **match** the process requirements accordingly. This is something a desiccant dryer cannot do.



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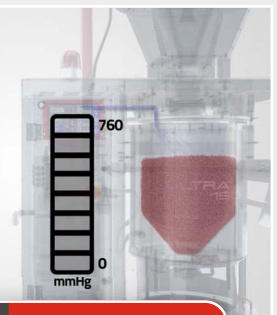
ULTRA How It Works

2. ULTRA Vacuum Chamber

ULTRA dryers use **vacuum** to drop the boiling temperature of water to **133° F/56° C**.

This creates a temperature and pressure differential that means moisture is **rapidly released** from the material.

- ✓ DRAMATICALLY REDUCES THE ENERGY REQUIRED TO DRY MATERIAL
- ✓ 1/6th DRYING TIME OF DESICCANT DRYERS



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ULTRA Options



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ULTRA Simple Material Changes



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ULTRA Vs Air Dew Point



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