

ULTRA Animations and Video Content Guide

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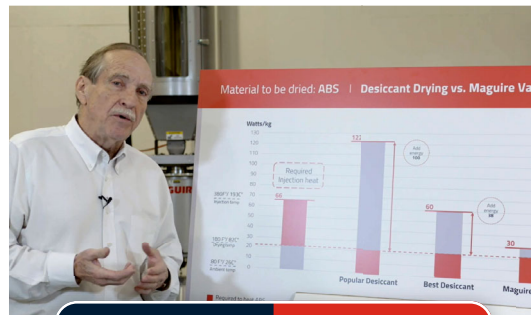
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A range of new animations that help explain the **ULTRA Low Energy Dryer** are available on the Maguire YouTube channel.

ULTRA Low Energy Drying



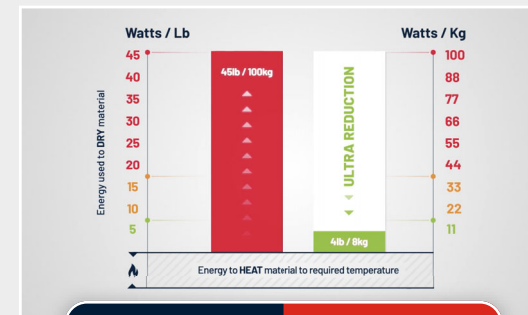
ULTRA Explained By Steve Maguire



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ULTRA Energy Savings



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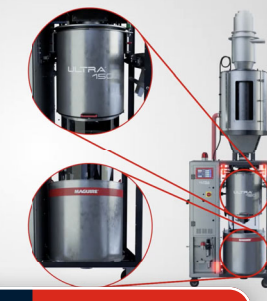


ULTRA Smart Design and Control

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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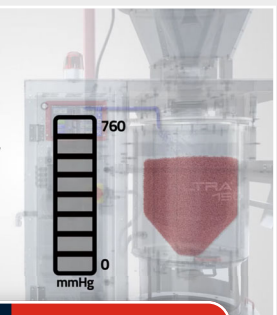
ULTRA How It Works

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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#DryerULTRA | #ULTRAvsDesiccant