



STULZ ULTRASONIC®

Ripening Room Humidification That Works Like Magic!



Stulz Ultrasonic Humidifier Model DRH-04



Three-tier 42 Pallet Capacity TarpLess®SX Ripening Rooms
Walmart, Mebane, NC

Stulz Ultrasonic is the most effective humidifier in the industry. It uses an piezo-electronic transducer to produce humidity without the use of heat or boiling water, yielding superior results with greater efficiency and lower maintenance than comparable electrode boiler or infrared humidifiers.

This design maintains fruit quality, appearance and weight better than other systems while maximizing shelf life like never before. That's why Stulz Ultrasonic has been the humidification system used in Thermal Tech ripening rooms for over two decades.

THE ADVANTAGES:

ULTRA-FINE MIST

The Stulz Ultrasonic Humidification System produces an ultra-fine mist approximately 1 micron in diameter, the smallest in the industry. The mist is quickly vaporized into the air stream and evenly diffused throughout the room.

ULTRA-FAST PAYBACK

Stulz Ultrasonic maintains optimum room humidity throughout the ripening process, protecting fruit against moisture loss while reducing shrink, scarring and waste. This increases sales and boosts per-box yield for a faster ROI, facilitating a proven payback in two years or less.

ULTRA-EFFICIENT ENERGY USE

Stulz Ultrasonic is a single-phase system that uses a fraction of the energy of other systems. Its exclusive "adiabatic" (enthalpy) humidifying process actually lowers the air temperature, reducing air cooling load for even further energy savings.

ULTRA-TOUGH MAINTENANCE

Stulz Ultrasonic is compact and self-contained with few moving parts and no external compressor. It's designed to provide years of consistent long-term operation with the lowest maintenance in the industry.

ULTRA-EFFICIENT CONTROL

Fully integrated with the TarpLess® ripening room control system, Stulz Ultrasonic switches on and off automatically in response to room conditions. This prevents delayed or overrun humidity cycles while virtually eliminating pooling and condensation issues.

