

Alto-Shaam
ECOSMART PHILOSOPHY



Ecologically Smart.
Economically Smart.



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IT'S JUST THE WAY WE DO THINGS...

In this age of environmental awareness and stewardship, manufacturers everywhere are furiously updating their product designs and factories to be seen as being more eco-friendly. At Alto-Shaam, that's not exactly the case.

While we are committed to designing "green" products in an eco-efficient manner, this approach has been at the center of our business and manufacturing philosophy since Jerry Maahs innovated Halo Heat® technology in the early 1960s.

Since then, Alto-Shaam has developed products with the mindset that excessive energy and water consumption are not needed to produce high quality food. In fact, we've found that the efficient use of power and water is the key to controlling and enhancing food quality, not to mention reducing operating and life cycle costs to our customers.

We've also taken the same attitude in developing our facilities. Prudent use of construction and lighting, materials handling, manufacturing technology and waste-management has shown to be not only an effective way to cook, but also the best way to build a World Class manufacturing facility.

PRODUCT ACHIEVEMENTS

Combitherm® (compared to conventional technology)

- 40% more energy efficient
- 60% higher production
- 80% less water consumption

Halo Heat Cook & Hold Ovens

- 50% less energy costs
- No added humidity
- UL testing vapor emissions of 0.5mg per cubic meter
- No venting needed

Halo Heat Holding Cabinets

- Holds food for hours using very little electricity

Halo Heat Display Cases and Food Wells

- Up to 60% reduction in energy rates
- No added humidity
- No water requirements

Rotisserie Ovens

- 30% more energy efficient

FACILITY ACHIEVEMENTS

High-efficiency lighting

- 350,000 square foot manufacturing facility converted to high-efficiency Orion lighting
- Office areas converted to automatic occupancy sensors

High-efficiency roofing

- Heavy insulation beneath a rubber membrane and aggregate ballast
- Reduced HVAC requirements by 35%

Corporate recycling program

- 40% recycled stainless steel is used in our manufacturing materials
- Paper, cardboard, aluminum, glass and plastic are recycled
- Scrap metals are recycled for processing into new materials

Modern equipment

- Continued investment in energy-efficient manufacturing equipment eliminates high power consumption and inefficiency associated with older technology

EcoSmart manufacturing plant expansion

- Natural daylight used to illuminate the new manufacturing space
- 75% recyclable content diverted from landfills
- Decreased overall storm water runoff impact