

COMBITHERM® COMBI OVENS | ALTO-SHAAM.



# Solutions that **advance your business.**

When you're faced with challenges, trust Alto-Shaam to deliver solutions and support when and where you need it. Our equipment systems are designed to add value to your business, helping create superior food experiences that drive long-term profitability. We pioneer equipment that is intuitive and dependable—giving you the confidence and support you need to embrace changes in rapidly evolving markets.

With headquarters and manufacturing in Menomonee Falls, Wisconsin, Alto-Shaam proudly provides foodservice equipment solutions made in the USA to more than 90 countries globally.



“Now, instead of having to guess and check, we use the oven to achieve the perfect finish on every item. The precision you can achieve is amazing.”

**Peter Sandroni** | Chef/Owner  
La Merenda

## OUR STORY

### 1960s

**Jerry Maahs**, founder, seeking a way to keep fried chicken hot for delivery during Wisconsin winters, uses thermal cables to create innovative holding cabinets. Halo Heat® debuts at the 1968 National Restaurant Association Show.



### 1970s

What began as an experiment with the overnight cooking of prime rib leads to the creation of an entirely new category of commercial kitchen equipment: **Cook & Hold ovens with exclusive Halo Heat® technology.**



### 2010s

Recognizing the industrychanging potential of Structured Air Technology®, Alto-Shaam partners with Phil McKee, founder and CEO of Appliance Innovation, to develop the revolutionary line of **Vector® Multi-Cook Ovens.**

### 1980s

Seeing a growing need for modern kitchens to become ever more versatile and efficient, Alto-Shaam fills that need with the groundbreaking **Combitherm® oven.**



### 2020s

Alto-Shaam introduces Vector® Multi-Cook Ovens, Cook & Hold Ovens and Smoker Ovens with a new enhanced design, advanced control and a cloud-based remote oven management system, **ChefLinc™.**



### 1990s

Evolving into a forward-thinking company that offers complete kitchen systems results in dramatic growth and expansion, performing installations everywhere, from cruise lines to Antarctica.



# An oven **you can rely on.**

Engineered for dependability, Combitherm® ovens provide efficient and consistent food production—even in the most demanding conditions—and are built tough to keep you up and running.

Whether scaling up to handle increases in demand or adapting menus to stay ahead of trends, your kitchen has to be prepared and properly equipped.

Combining multiple cooking functions into a single appliance, these ovens do the work of a convection oven, kettle, steamer, fryer, smoker and more. Execute every dish, no matter how simple or complex, faster than ever with flawless precision.

## Execute every dish, no matter how simple or complex.

- **Poach** delicate salmon filets or steam vegetables without sacrificing flavor or texture
- **Cook** potatoes, rice and pasta with consistent and repeatable results
- **Combine steam and convection** to roast meats, fish and poultry to perfection
- **Prepare** sauces and casseroles in a one-step process
- **Retherm and refresh** quickly and safely with absolute control
- **Keep baked or oven-fried items** tender inside and crispy on the outside



# Ultimate efficiency and performance.

There are other combi ovens out there, but none match the efficiency and performance of Alto-Shaam. The key is our innovative boilerless design paired with PROpower™ technology. Boilerless, flash-steam generation provides greater control over recovery, cooking times and food quality with the ability to adjust steam volume with precision. The use of boiler-free, flash-steam generation maintains steam levels without a water reservoir. Instead of heating water in a separate tank with boiler-based models, cold or room temperature water is sprayed directly onto a heated surface to create steam. Then, fans circulate the steam throughout the oven chamber.

This design results in 80% less water usage, superior performance and improved reliability. Operators also reduce maintenance costs associated with boiler parts and labor. No boiler maintenance. No boiler heating element burnout. And you still get the versatility to cook with variable steam, convection steam or a combination of both.

Exclusive PROpower™ technology offered in Combitherm ovens accelerates production by up to 80% over traditional ovens and 20% over other combi ovens. PROpower is offered in Turbo, Eco and Reduced power levels.

## Boilerless Technology 80% Less Water Usage



Auto-reversing fan circulates the generated steam throughout the oven chamber.

No separate water tank to maintain, clean and repair.

Adjust steam volume with precision using flash-steam generation.



# Engineered for dependability.

Designed to be an indispensable centerpiece of your kitchen, we engineer the CT PROformance™ CombiTherm® Oven for legendary durability and proven results. Maximize food quality, texture and yield with enhanced precision and control. Simple navigation, customizable recipe management and intuitive, one-touch cooking increases productivity—and ensures consistency with every dish. Take a closer look and you'll find unique, innovative features and accessories inside and out.

Available in a variety of sizes and configurations, the CT PROformance is ideal for any operation seeking to enhance food quality while optimizing kitchen space and reducing labor costs.

## Why CT PROformance? Explore what sets us above the rest.

### Zero clearance design

saves valuable space under the exhaust hood and reduces ventilation costs.

### 20% faster than other combi ovens and up to 80% faster than convection technology

with PROpower™ technology. Enhanced production. Improved temperature control. Quicker recovery times.

### 80% less water usage

with boilerless design. Superior performance, improved reliability, and less maintenance costs associated with boiler parts and labor.

### Front-accessible, retractable rinse hose.

PROrinse™ high-efficiency spray head.

### Seamlessly-integrated smoker

with optional CombiSmoke®. Hot or cold smoke with real wood chips. No odor or flavor residue. No impact on oven capacity, door seal or oven performance.

### Removeable food probe

can be easily replaced and calibrated. Improve reliability while reducing oven downtime and repair costs. Sous vide probe optional.

### LED illuminated door handle

is designed for the needs of the busy kitchen, and provides visual notification of the oven status.

### Keep employees safe.

Safevent™ venting system automatically vents heat and steam during the last 60 seconds of the cooking cycle. Open the door as soon as the cooking cycle ends without exposure to heat and steam.

### Ventech™ condensation hoods

eliminate the need for a traditional kitchen hood. Available on single or stacked models, Ventech Type 1 hoods condense steam while capturing and removing grease-laden air, vapors and lingering smoke.

## Innovative Safety

**Keep employees safe.** SafeVent™ venting system automatically vents heat and steam during the last 60 seconds of the cooking cycle. Open the door as soon as the cooking cycle ends without exposure to heat and steam.



### CoolTouch3™ triple panel glass door

keeps workers safe. Triple-pane glass keeps the heat inside, while keeping the glass cool to the touch and providing 15% greater thermal retention to improve performance and safety.



### Optional automatic grease collection system

safely extracts and disposes hot grease with a pump-style system to simplify cleaning, reduce labor and maintenance costs and decrease oven downtime due to grease buildup.



## Purposeful Design

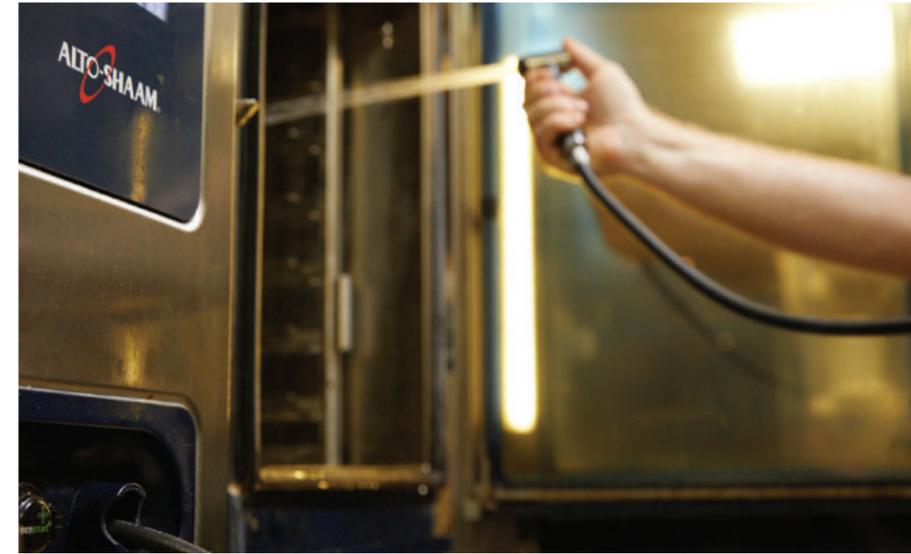
— **Zero clearance design** saves valuable space under the exhaust hood and reduces ventilation costs. Place next to any piece of equipment – anywhere on the line.



— **Seamlessly-integrated smoker** with optional CombiSmoke®. Hot or cold smoke with real wood chips. No odor or flavor residue. No impact on oven capacity, door seal or oven performance.



— **Removable food probe** can be easily replaced and calibrated. Improve reliability while reducing oven downtime and repair costs. Sous vide probe optional.



— **Front-accessible, retractable rinse hose.** PROrinse™ high-efficiency spray head.



— **Reduce labor with CombiCleanPLUS™ automatic cleaning** with five cycle options from “light clean” to “heavy soil.” Uses safe, convenient cleaning tablets or optional liquid cleanser.



— **LED illuminated door handle** is designed for the needs of the busy kitchen and provides visual notification of the oven status.



**\*CTP6-10** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
72 lb [33 kg]

**PAN CAPACITY**  
Seven (7) full-size or GN 1/1 pans  
Seven (7) half-size sheet pans  
\*Six (6) full-size or GN 1/1 pans  
\*Six (6) half-size sheet pans  
\*With smoker

**DIMENSIONS (H x W x D)**  
34-1/2" x 35-11/16" x 41-7/16"  
[876 mm x 906 mm x 1053 mm]



**\*CTP10-20** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
240 lb [109 kg]

**PAN CAPACITY**  
Twenty-two (22) full-size pans or GN 1/1 pans  
Eleven (11) full-size sheet pans  
\*Twenty-one (21) full-size pans or GN 1/1 pans  
\*Ten (10) full-size sheet pans  
\*With smoker

**DIMENSIONS (H x W x D)**  
45-11/16" x 43-3/4" x 47-3/16"  
[1160 mm x 1111 mm x 1173 mm]



**\*CTP10-10** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
120 lb [54 kg]

**PAN CAPACITY**  
Eleven (11) full-size or GN 1/1 pans  
Eleven (11) half-size sheet pans  
\*Ten (10) full-size or GN 1/1 pans  
\*Ten (10) half-size sheet pans  
\*With smoker

**DIMENSIONS (H x W x D)**  
45-11/16" x 35-11/16" x 41-7/16"  
[1160 mm x 906 mm x 1053 mm]



**CTP20-10** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
240 lb [109 kg]

**PAN CAPACITY**  
Twenty-two (22) full-size pans or GN 1/1 pans  
Twenty (20) half-size sheet pans

**DIMENSIONS (H x W x D)**  
79-1/4" x 35-11/16" x 42-1/4"  
[2012 mm x 906 mm x 1072 mm]

*Available in Boiler-Free Gas; Boiler-Free or Boiler Electric*



**\*† CTP7-20** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
168 lb [76 kg]

**PAN CAPACITY**  
Sixteen (16) full-size or GN 1/1 pans  
Eight (8) full-size sheet pans  
\*Fourteen (14) full-size or GN 1/1 pans  
\*Seven (7) full-size sheet pans  
\*With smoker

**DIMENSIONS (H x W x D)**  
37-13/16" x 43-3/4" x 46-3/16"  
[961 mm x 1111 mm x 1173 mm]



**† CTP20-20** [Available in Electric or Gas]

**PRODUCT CAPACITY**  
480 lb [218 kg]

**PAN CAPACITY**  
Forty (40) full-size or GN 1/1 pans  
Twenty (20) full-size sheet pans

**DIMENSIONS (H x W x D)**  
79-1/4" x 43-3/4" x 47"  
[2012 mm x 1111 mm x 1192 mm]



† This oven has earned an ENERGY STAR® rating from the U.S. Environmental Protection Agency.

\*Available with Ventech™ or Ventech™ PLUS Type 1 hood with condensation technology [Electric Only]

# No hood? **No problem.**



**Ventech™ and Ventech™ PLUS Type 1 hoods** with condensation technology are available on a variety of Combitherm® ovens to meet the needs of your foodservice operation.

### **Maximize space and reduce costs.**

It costs approximately \$2,000 per linear foot to install a traditional kitchen hood, and even more additional costs to run it daily. Ventech and Ventech PLUS hoods put money back in your pocket by eliminating the need for expensive oven hoods and costly hood installations. With no traditional hood restrictions, operators are able to place combi ovens with Ventech anywhere in the kitchen—maximizing floor space while improving efficiency and workflow.

Available on single or stacked models, Ventech hoods condense steam while capturing and removing grease-laden air, vapors and lingering smoke. No separate power supply for the hood is required—power for the condensation hood is sourced directly from the oven. Hoods are available as a factory-installed option, and field installations are also available.

*For more demanding locations, Ventech PLUS features a special HEPA filter along with Ventech condensation technology to capture smoke-related vapor and steam generated in the cooking process.*

# A partner **you can rely on.**

At Alto-Shaam we're relentlessly driven to design and manufacture products that perform flawlessly in the most demanding conditions to give operators confidence and consistency in every meal. And our team is just as committed to providing industry-leading service and support. From installation consultation to equipment training to around the clock, every day technical assistance to culinary support—you can trust that we are here for you.

Factory-authorized combi installation program guarantees a site is prepared for the equipment and ensures proper installation, reducing equipment issues associated with improper installation and maximizing customer satisfaction.



**ALTO-SHAAM.**

Menomonee Falls, WI U.S.A.

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## Full Line Commercial Kitchen Equipment:

- Combitherm® Ovens
- Convection Ovens
- Cook & Hold Ovens
- Food Wells
- Heated Holding
- Smokers
- Quickchillers™
- Rotisseries
- Thermal Shelves & Carving Stations
- Merchandisers & Display Cases
- Vector® Multi-Cook Ovens

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ALTO-SHAAM®