

VECTOR® MULTI-COOK OVENS | ALTO-SHAAM.



Willing to try **the untried.**

We pioneer solutions designed to give our customers the equipment and the confidence they need to embrace fresh perspectives and seize new opportunities. So every day we strive to design foodservice equipment solutions that are as intuitive and efficient as they are dependable — helping our customers achieve a greater return on their investment and enabling their creativity to flourish. Because we earn our reputation, helping our customers earn theirs.

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.



OUR STORY

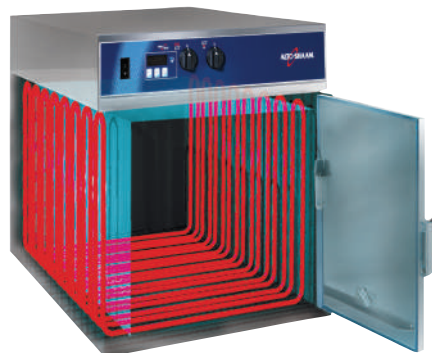
1960s



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.

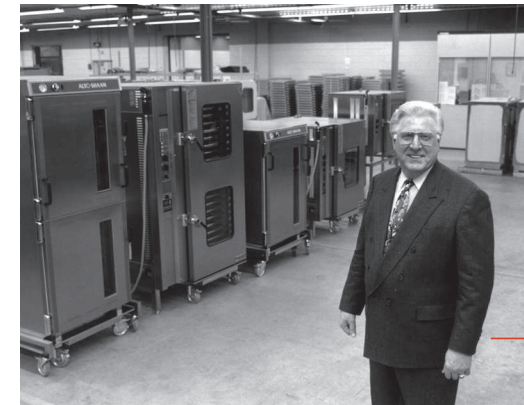
What began as an experiment with the overnight cooking of prime rib leads to the creation of an entirely new category of commercial kitchen equipment:

Cook & Hold ovens with exclusive Halo Heat® technology.



1970s

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**.

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.

1990s

2010s



Recognizing the industry changing 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**.

A revolution in cooking technology.

Tastes are changing rapidly. Today's consumers are more adventurous and have higher expectations than ever before. Which has led to an explosion of new culinary options.

Navigating this ever-changing landscape demands ovens that are versatile, precise and efficient. Unfortunately, existing technology fell short. Especially when it comes

to batch cooking. Uneven cooking. Labor-intensive operation. Long cook times. Complicated maintenance. The solution? Vector® Multi-Cook Ovens.

Vector is the only oven that allows simultaneous, high-quality preparation of a wide variety of food. Each chamber gives you individual control over temperature, fan speed and cook time. Different foods. In the same

oven. At the same time. With no flavor transfer. That means every food can be cooked at its ideal temperature.

Now, instead of adapting dishes to your oven, there's an oven that perfects your dishes. Traditional or convection ovens are slow, offer a single temperature and fan speed, and cook unevenly unless food is rotated.

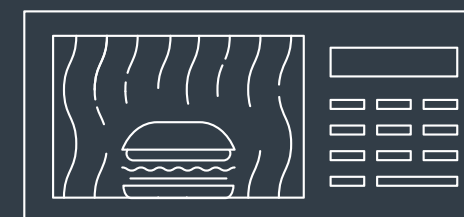
Limitations with existing solutions



Traditional or convection ovens are slow, offer a single temperature and fan speed, and cook unevenly unless food is rotated.



Impinged air ovens result in hot spots unless food is moved and offer limited capacity.




Microwave ovens produce poor food quality, which dramatically limits the ability to hold the food, and offer limited capacity.


Unmatched food volume and variety.

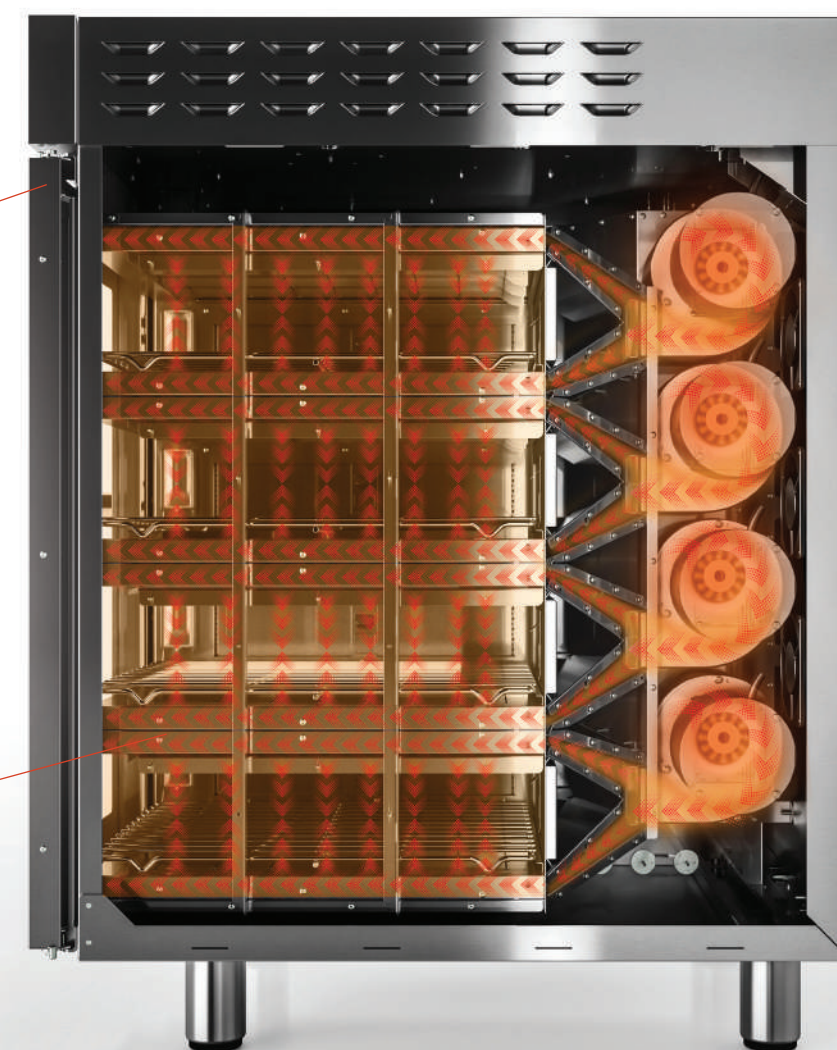
The secret to Vector® Multi-Cook Ovens lies in Structured Air Technology®. This innovation offers up to **four ovens in one** – each chamber with independent temperature, fan speed and cook time control. Cook up to four different food items simultaneously with no flavor transfer. Cook food the way it's meant to be cooked - to perfect your dishes.




What is **Structured Air Technology**®?

 Vertical curtains of air: Eliminate heat loss. Cooler door. No blast of hot air. Open the door as needed while cooking.

 Air is directed through upward and downward slots and holes in the jet plates for efficient, even heat distribution. No hot and cold spots.



 Each chamber has its own independent air path, heat source and fan.



Cook 2X faster than a traditional oven — with better food quality.



Cook twice as much food in the same amount of time as traditional ovens.

Innovation that **generates results.**

Unmatched Food Volume.

Vector cooks twice as much food in the same amount of time as traditional ovens.

Unmatched Variety.

Cook up to four different food items simultaneously – with zero flavor transfer. Control temperature, fan speed and cook time in each chamber.

Reduce Skilled Labor.

Eliminate steps in food production and the need for employees to watch and rotate pans.

Waterless Operation.

Reduce installation and operating costs. No plumbing, drains, filtration or associated maintenance.



Superior Consistency.

Deliver the same high-quality food every time. **Structured Air Technology®** provides superior cooking evenness and food quality. No food degradation. No hot and cold spots.

Advanced Control.

Designed intentionally simple, an intuitive, user-friendly interface features programmable recipes to ensure consistency with each cook.

Open the Door as Needed.

Vertical curtains of air nearly eliminate heat loss. No blast of hot air. Cooler door. Quicker recovery times.



Vector® H Series Countertop

Ventless. Compact. Perfect for anywhere you're tight on space.



Versatility in a ventless footprint.

Vector® H Series ovens are ideal where space is at a premium and you need the flexibility to cook what you want when you want it. They feature a compact 21" [533mm] footprint and ventless

operation, eliminating the need for an exhaust hood. Our countertop models are the perfect solution anywhere you are tight on space.

- **Place anywhere. Ventless.** Compact. 21" [533mm] footprint with 2, 3 or 4 chambers.
- Control temperature, fan speed and cook time in each individual oven chamber.
- **Structured Air Technology®** ensures superior cooking evenness and food quality.
- Simple, intuitive operation for **labor savings**.
- Cook up to **2X more food** than a traditional oven.
- **Replace or relieve multiple pieces of equipment.** These ovens do the job of microwave and speed ovens, grills, conveyor ovens, salamanders and more – with better food quality all in a small space.
- Cook food the way it's meant to be cooked – to perfect your dishes.
- Efficient, even heat distribution.
- **Open the door as needed.** Vertical curtains of air nearly eliminate heat loss. Cooler door. No blast of hot air.
- **Custom colors available** for enhanced branding and a front-of-house experience for customers.



Vector® F Series Freestanding

Perfect for high-volume,
batch cooking.



The back-of-the-house hero.

One Vector® F Series oven can
replace two traditional ovens,
optimizing your kitchen's
square footage and workflow.
Available with three or four

chambers, their increased
capacity means they can
significantly increase throughput.
Perfect for high-volume,
batch cooking.

Hard work made easy.

- **Save valuable kitchen space.**
One Vector F Series oven can replace two traditional ovens.
- **Increased capacity** with 3 or 4 chambers.
Full-size sheet pan or hotel pan capacity.
- **Adapts to your needs.** Cook taller food items by time or optional probe by combining chambers.
- Control temperature, fan speed and cook time in each individual oven chamber.
- **Structured Air Technology®** ensures superior cooking evenness and food quality.
- Simple operation for **labor savings.**
- Cook up to **2X more food** than a traditional oven.
- Cook food the way it's meant to be cooked – to perfect your dishes.
- Efficient, even heat distribution.
- Open the door as needed. Vertical curtains of air nearly eliminate heat loss. Cooler door. No blast of hot air.



Vector® Multi-Cook Ovens | **H Series Countertop**



2 Chamber H Series			
MODEL NUMBER VMC-H2	CAPACITY DIMENSIONS 2 Half-Size Sheet Pans 18" x 13" x 1" 2 GN 2/3 Pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 29-5/8" x 21" x 37-1/2" [752 mm x 533 mm x 953 mm]	SHIPPING WEIGHT 355 lb [161 kg]
		VOLTAGES 208-240V, 1 Ph, 60 Hz 220-240V, 1 Ph, 50/60 Hz 380-415V, 3 Ph, 50/60 Hz	NET WEIGHT 295 lb [134 kg]

MODEL NUMBER VMC-H2H	CAPACITY DIMENSIONS 2 Full-Size Hotel Pans 20-3/4" x 12-3/4" x 4" 2 GN 1/1 Pans [530 mm x 325 mm x 100 mm] 2 Half-Size Sheet Pans 18" x 13" x 1" 2 GN 2/3 pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 29-5/8" x 21" x 39-1/2" [752 mm x 533 mm x 1003 mm]	SHIPPING WEIGHT 355 lb [161 kg]
		VOLTAGES 208-240V, 1 Ph, 60 Hz 220-240V, 1 Ph, 50/60 Hz 380-415V, 3 Ph, 50/60 Hz	NET WEIGHT 295 lb [134 kg]



3 Chamber H Series			
MODEL NUMBER VMC-H3	CAPACITY DIMENSIONS 3 Half-Size Sheet Pans 18" x 13" x 1" 3 GN 2/3 Pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 36-5/8" x 21" x 37-1/2" [929 mm x 533 mm x 953 mm]	SHIPPING WEIGHT 445 lb [202 kg]
		VOLTAGES 208-240V, 1 Ph, 60 Hz 208-240V, 3 Ph, 60 Hz 220-240V, 1 Ph, 50/60 Hz 380-415V, 3 Ph, 50/60 Hz	NET W EIGHT 377 lb [171 kg]

MODEL NUMBER VMC-H3H	CAPACITY DIMENSIONS 3 Full-Size Hotel Pans 20-3/4" x 12-3/4" x 4" 3 GN 1/1 Pans [530 mm x 325 mm x 100 mm] 3 Half-Size Sheet Pans 18" x 13" x 1" 3 GN 2/3 Pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 36-5/8" x 21" x 39-1/2" [929 mm x 533 mm x 1003 mm]	SHIPPING WEIGHT 445 lb [202 kg]
		VOLTAGES 208-240V, 1 Ph, 60 Hz 208-240V, 3 Ph 60 Hz 220-240V, 1 Ph, 50/60 Hz 380-415V, 3 Ph, 50/60 Hz	NET WEIGHT 377 lb [171 kg]

4 Chamber H Series			
MODEL NUMBER VMC-H4	CAPACITY DIMENSIONS 4 Half-Size Sheet Pans 18" x 13" x 1" 4 GN 2/3 pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 43-5/8" x 21" x 37-1/2" [1108 mm x 533 mm x 953 mm]	SHIPPING WEIGHT 502 lb [228 kg]
		VOLTAGES 208-240V, 3 Ph, 60 Hz 380-415V, 3 Ph, 50/60 Hz	NET WEIGHT 440 lb [200 kg]

MODEL NUMBER VMC-H4H	CAPACITY DIMENSIONS 4 Full-Size Hotel Pans 20-3/4" x 12-3/4" x 4" 4 GN 1/1 Pans [530 mm x 325 mm x 100 mm] 4 Half-Size Sheet Pans 18" x 13" x 1" 4 GN 2/3 Pans [354 mm x 325 mm x 25 mm]	DIMENSIONS H X W X D 43-5/8" x 21" x 39-1/2" [1108 mm x 533 mm x 1003 mm]	SHIPPING WEIGHT 502 lb [228 kg]
		VOLTAGES 208-240V, 3 Ph, 60 Hz 380-415V, 3 Ph, 50/60 Hz	NET WEIGHT 443 lb [201 kg]

Vector® Multi-Cook Ovens | **F Series Freestanding**



3 Chamber F Series		
MODEL NUMBER VMC-F3E	CAPACITY DIMENSIONS 3 Full-Size Sheet Pans 18" x 26" x 1" 6 Full-Size Hotel Pans 20-3/4" x 12-3/4" x 4" 3 GN 2/1 Pans [530 mm x 650 mm x 100 mm] 6 GN 1/1 Pans [530 mm x 325 mm x 100 mm]	DIMENSIONS H X W X D 32-1/4" x 40-3/4" x 42-1/2" [820 mm x 1036 mm x 1078 mm]
		SHIPPING WEIGHT 575 lb [261 kg]
		VOLTAGES 208-240V, 3 Ph, 60 Hz 380-415V, 3 Ph, 50/60 Hz
		NET WEIGHT 472 lb [214 kg]



4 Chamber F Series		
MODEL NUMBER VMC-F4E	CAPACITY DIMENSIONS 4 Full-Size Sheet Pans 18" x 26" x 1" 8 Full-Size Hotel Pans 20-3/4" x 12-3/4" x 4" 4 GN 2/1 Pans [530 mm x 650 mm x 100 mm] 8 GN 1/1 Pans [530 mm x 325 mm x 100 mm]	DIMENSIONS H X W X D 39-3/8" x 40-3/4" x 42-1/2" [998 mm x 1036 mm x 1078 mm]
		SHIPPING WEIGHT 705 lb [320 kg]
		VOLTAGES 208-240V, 3 Ph, 60 Hz 380-415V, 3 Ph, 50/60 Hz
		NET WEIGHT 599 lb [272 kg]

Pan Dimensions

FULL-SIZE STEAM PANS	[GN 1/1] 20" X 12" X 2.5" [530 mm X 325 mm X 65 mm]	FULL-SIZE SHEET PANS:	18" X 26" X 1"
HALF-SIZE STEAM PANS	[GN 1/2] 12" X 10" X 2.5" [325 mm X 265 mm X 65 mm]	HALF-SIZE SHEET PANS:	18" X 13" X 1"



At Alto-Shaam we understand that the oven is the centerpiece of any kitchen.

That's why 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.



Alto-Shaam specializes in creating products and system solutions that are the core of successful foodservice programs in a variety of industries throughout the world.



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
- Merchandisers & Display Cases
- Quickchillers™
- Rotisseries
- Smokers
- Thermal Shelves & Carving Stations
- Vector® Multi-Cook Ovens

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VECTOR® MULTI-COOK OVENS

Unmatched food volume and variety.



VECTOR® MULTI-COOK OVENS

“Without the Vector, we wouldn’t have Xilo,
We do everything in this piece of equipment.
It’s our prep oven. It’s our stovetop.
It’s everything to us.”

Rosana Rivera
Chef and Co-Owner
Xilo Street Mexican

ALTO-SHAAM®