

HEATED HOLDING SOLUTIONS | ALTO-SHAAM.



# Willing to try **the untried.**

We pioneer solutions to address our customer's challenges. Equipment systems designed to give our customers 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

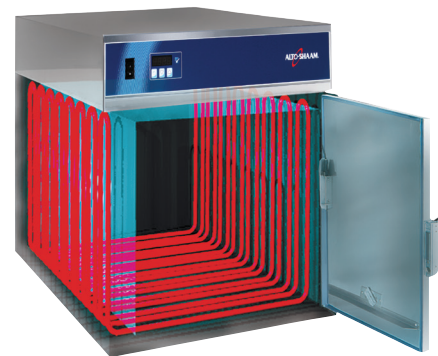
# 1960s



**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.

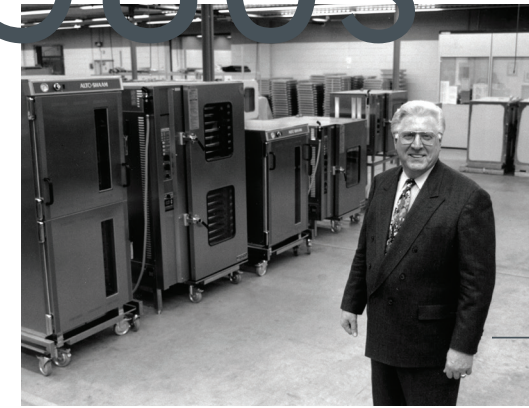
What began as an experiment with the overnight cooking of prime rib leads to the creation of an entirely new category of commercial kitchen equipment:

**Cook & Hold ovens with exclusive Halo Heat® technology.**



# 1970s

# 1980s

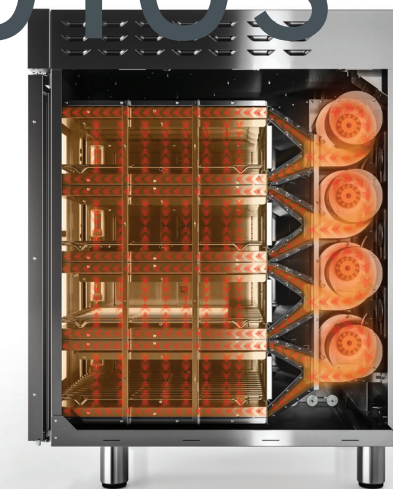


Seeing a growing need for modern kitchens to become ever more versatile and efficient, Alto-Shaam fills that need with the groundbreaking **Combitherm® oven**.

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 better way to win the **battle against time.**

Anyone who has ever been in a commercial kitchen knows that the clock can be the ultimate enemy. There's either not enough time — or there's far too much. The right heated holding solution can help you win the battle against time.

But not all solutions are the same. Other heated holding technologies use fans to distribute heat that is usually too hot and harsh, which degrades food quality by removing moisture and flavor.

At Alto-Shaam, we know that heated holding is a necessity in every professional foodservice operation. That's why our founder worked so hard to invent and perfect a solution. Looking for a way to meet the needs of his customers and keep food hot for delivery, Jerry Maahs introduced Halo Heat® technology to the industry.

Halo Heat uses unique thermal cables to provide gentle, radiant heat to food — for the highest quality. Now you can stop watching the clock, and focus on serving the best to customers. Just like Jerry did.

## Limitations with other technology



**Harsh heating elements**  
such as cal rods, overcook food and vary in temperature reaching up to 350°F (175°C).



**Fans**  
within other hot holding dry out food.



**Added humidity**  
and water degrade food quality and increase operating costs.

# Better food quality.

Say goodbye to overcooked and dried out food. Alto-Shaam's Halo Heat® technology provides better food quality. A unique thermal cable provides gentle, radiant heat that evenly surrounds food without the use of extremely hot elements, added humidity or fans.

When holding food for an upcoming service or merchandising product, Alto-Shaam's equipment with Halo Heat technology is designed to make time stand still for optimal product quality. This allows for food preparation outside of busy service times, flexibility and less waste.

Gentle, low-temperature heat keeps food full of moisture and flavor. So once items are perfectly cooked, they stay perfectly cooked.

## Why Halo Heat®?

Features a low-density thermal cable that is wrapped around the sides and bottom of the holding cavity.

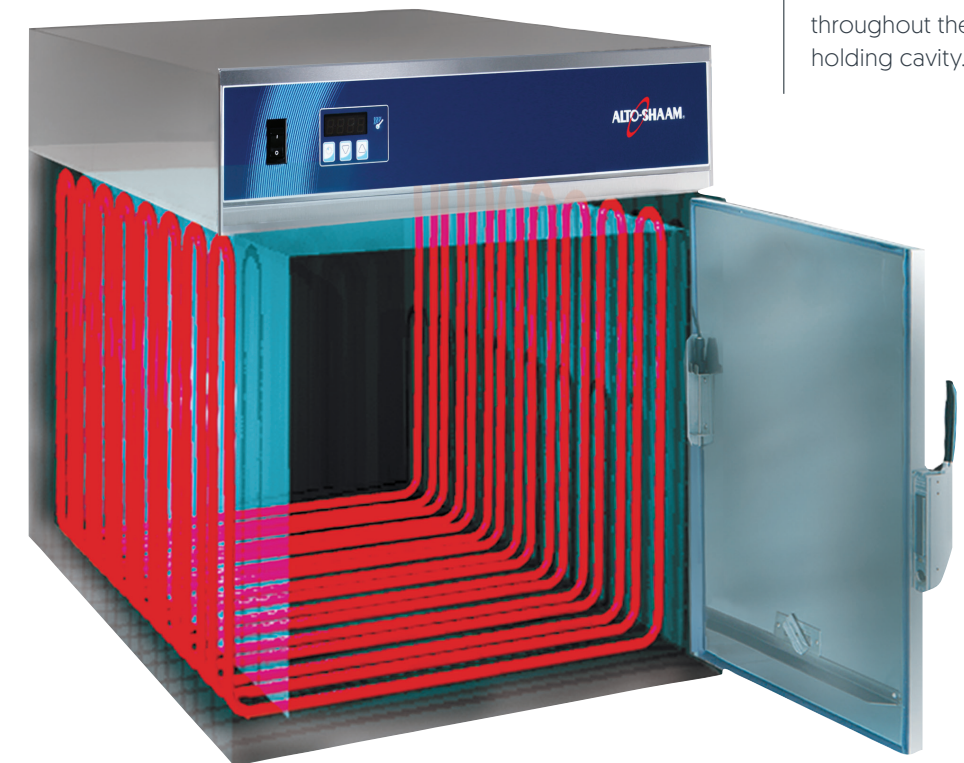


No water or added humidity needed. Food retains its natural moisture.



Gentle heat is distributed evenly throughout the holding cavity.

Thermal cable emits even, temperatures and pulses on and off throughout the holding process.



Sealed, static cooking environment traps natural flavor and juices, reducing shrink, improving food quality and extending hold life.

Thermal cable provides precise temperatures with minimal intensity, leaving food full of moisture and flavor.



No fans or harsh heating elements to degrade food quality.

# Quality-focused heated holding.

Designed with pioneering Halo Heat® technology, Alto-Shaam Heated Holding solutions keep prepared food warm and full of flavor for hours. The result? Operators save money, time and energy, while satisfying their customers with unparalleled food quality.



## COST SAVINGS

### Expand Menus.

Prepare food hours before serving, and hold it at the optimal temperature for the best quality and taste.

### Reduce Labor Costs.

Set it and forget it. With intuitive controls and simple operation. Come back to food that is held to perfection.

### Save Energy.

Equipment costs less than \$2 per day to operate.

### Maintain Food Quality and Reduce Waste.

Keep product at its perfect serving temperature for hours without overcooking or drying out, leading to product waste

### Waterless Design.

Reduces installation and operating costs with no plumbing, drains, filtration or associated maintenance.



## PURPOSEFUL DESIGN

### Easy to Operate.

Manage heat controls with accuracy and confidence.

### No Heat Loss.

Cabinets sense rapid changes in temperature and automatically compensate for heat loss when the door is opened.

### Digital Display.

Ensure optimal holding temperatures with a clear, easy-to-read display.

### Stackable Designs.

Cabinets and drawers easily stack for greater flexibility and convenience while saving space.

### Easy to Clean.

Simply remove shelves and wipe clean.

### Made in the USA.

With a commitment to quality.

### Consistent, Even Heat.

Halo Heat technology provides controlled, uniform heat throughout the holding process.

## Heated Holding | Single Compartment Cabinets



### 300-S

The 300-S is made for small spaces, from food trucks to compact commercial kitchens. Tight temperature tolerances and even heat distribution adds efficiency to your operation. The stackable, portable and ventless design helps optimize any small space.

#### MAXIMUM PAN CAPACITY

2 Full-Size Steam Table Pans 4" or  
3 Full-Size Steam Table Pans 2 1/2"

2 GN 1/1 100mm or  
3 GN 1/1 65mm

#### VOLTAGES

120V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

18-3/8" x 17-7/16" x 25-3/8"  
(466mm x 443mm x 645mm)

#### SHIPPING WEIGHT

125 lb [57 kg]

#### NET WEIGHT

65 lb [29 kg]



### 1000-S

The 1000-S original half-size holding cabinet is a top performer. The gentle low-temperature heat ensures food is hot and flavorful, while reducing waste due to overcooking or drying out. Optimize your space with a number of stacking configurations.

#### MAXIMUM PAN CAPACITY

4 Full-Size Steam Table Pans 2-1/2"\* or

4 GN 1/1 65mm\* or

8 Full-Size Sheet Pans

#### VOLTAGES

120V, 1Ph, 60Hz  
208V, 1Ph, 60Hz  
240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

40-3/8" x 23-1/2" x 31-9/16"  
(1025mm x 597mm x 801mm)

#### SHIPPING WEIGHT

223 lb [101 kg]

#### NET WEIGHT

175 lb [79 kg]

#### PRODUCT CAPACITY

120 lb [54 kg]

\* Additional shelves required



### 500-S

The 500-S fits right where you need it most—under the counter or stacked with an identical model or Cook & Hold Oven. For added convenience, the 500-S can be taken anywhere you need with casters that provide mobility.

#### MAXIMUM PAN CAPACITY

3 Full-Size Steam Table Pans 4" or  
6 Full-Size Steam Table Pans 2-1/2" or

6 GN 1/1 65mm or  
3 GN 1/1 100mm or

11 Half-Size Sheet Pans

#### VOLTAGES

120V, 1Ph, 60Hz  
208V-240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

31-7/8" x 19" x 26-9/16"  
(809mm x 483mm x 675mm)

#### SHIPPING WEIGHT

150 lb [68 kg]

#### NET WEIGHT

110 lb [50 kg]

#### PRODUCT CAPACITY

60 lb [27 kg]



### 1200-S

The 1200-S has a higher capacity with the same high quality delivered by Halo Heat technology. With reach-in or pass-through configurations, options for digital or manual timers, and a stackable design, this model can be set up to meet your needs—whatever they may be.

#### MAXIMUM PAN CAPACITY

##### WITH PAN SLIDES

16 Full-Size Steam Table Pans 2-1/2"\* or  
8 Full-Size Steam Table Pans 4" or  
8 Full-Size Steam Table Pans 6" or

16 GN 1/1 65mm\* or  
8 GN 1/1 100mm or  
8 GN 1/1 150mm or

16 Full-Size Sheet Pans\*

##### WITH SIDE RACKS & SHELVES

16 Full-Size Steam Table Pans 2-1/2" or  
8 Full-Size Steam Table Pans 4" or  
8 Full-Size Steam Table Pans 6" or

16 GN 1/1 65mm or  
8 GN 1/1 100mm or  
8 GN 1/1 150mm or

8 Full-Size Sheet Pans\*\*

#### DIMENSIONS H x W x D

44" x 26-7/16" x 32-3/16"  
(1117mm x 671mm x 817mm)

#### SHIPPING WEIGHT

240 lb [109 kg]

#### NET WEIGHT

179 lb [81 kg]

#### PRODUCT CAPACITY

192 lb [87 kg]

\* With additional sets of pan slides

\*\*Optional shelves required



### 750-S

One of our most popular models, the 750-S is available in both reach-in and pass-through configurations for versatile access to held foods. Put it where it's most needed – under the counter or stacked with other models to maximize space. Casters provide mobility to any space needing high quality, held food.

#### MAXIMUM PAN CAPACITY

4 Full-Size Steam Table Pans 6" or  
6 Full-Size Steam Table Pans 4" or  
10 Full-Size Steam Table Pans 2-1/2" or

4 GN 1/1 150mm or  
6 GN 1/1 100mm or  
10 GN 1/1 65mm or

6 Full-Size Sheet Pans\*

#### VOLTAGES

120V, 1Ph, 60Hz  
208V-240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

31-7/8" x 26-5/8" x 31-3/8"  
(809mm x 676mm x 797mm)

#### SHIPPING WEIGHT

228 lb [103 kg]

#### NET WEIGHT

157 lb [71 kg]

#### PRODUCT CAPACITY

120 lb [54 kg]

\* Additional shelves required

#### PAN DIMENSIONS

\* Steam Table Pans = (20 x 12 x 2-1/2)

\* Half-Size Sheet Pans = (18 x 13 x 1)

\* Full-Size Sheet Pans = (18 x 26 x 1)

\* G/N 1/1 Pans = (530mm x 325mm x 65mm)

## Heated Holding | Double Compartment Cabinets



### 1000-UP [Also available with window door]

The 1000-UP features two holding cabinets in a vertical design with individual cabinet controls for precise, heated holding. The digital controls sense rapid changes in temperature, and immediately compensate for heat loss when a door is opened. It's twice the capacity, with all the high-quality food you expect.

#### MAXIMUM PAN CAPACITY

[PER COMPARTMENT]

4 Full-Size Steam Table Pans 2-1/2"\*or

4 GN 1/1 65mm\* or

8 Full-Size Sheet Pans

#### VOLTAGES

120V, 1Ph, 60Hz

208V, 1Ph, 60Hz

240V, 1Ph, 60Hz

230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

75-13/16" x 23-15/16" x 32-11/16"

[1924mm x 608mm x 804mm]

#### SHIPPING WEIGHT

360 lb [163 kg]

#### NET WEIGHT

282 lb [128 kg]

#### PRODUCT CAPACITY

120 lb [54 kg] per compartment

\*Optional shelves required

## Heated Holding | Display and Catering Cabinets



### 750-CTUS

While Halo Heat® technology precisely manages low-temperature holding for the highest quality food, the French doors allow convenient access, minimal clearance and reduced heat loss. Flexible installation can be placed under the counter, on the countertop, or on casters for mobility.

#### MAXIMUM PAN CAPACITY

6 Full-Size Steam Table Pans 2-1/2"\* or

6 GN 1/1 Pans 65mm\* or

6 Full-Size Sheet Pans

#### VOLTAGES

120V, 1Ph, 50/60Hz

208V, 1Ph, 50/60Hz

240V, 1Ph, 50/60Hz

230V, 1Ph, 50/60Hz

\* Additional shelves required

#### DIMENSIONS H x W x D

27-3/4" x 30-1/8" x 26-3/8"

[705mm x 765mm x 670mm]

#### SHIPPING WEIGHT

195 lb [88 kg]

#### NET WEIGHT

141 lb [64 kg]

#### PRODUCT CAPACITY

48 lb [22 kg]



### 1200-UP

With two individually-controlled cabinets, the 1200-UP was designed to help you hold more, with less effort, while reducing footprint in the kitchen. Precision controls and precise technology ensure that food is held at exactly the right temperature until it's time to be served.

#### MAXIMUM PAN CAPACITY

[PER COMPARTMENT]

##### WITH PAN SLIDES

16 Full-Size Steam Table Pans 2-1/2"\*or

8 Full-Size Steam Table Pans 4" or

8 Full-Size Steam Table Pans 6" or

16 GN 1/1 65mm\* or

8 GN 1/1 100mm or

8 GN 1/1 150mm or

16 Full-Size Sheet Pans\*

##### WITH SIDE RACKS & SHELVES

16 Full-Size Steam Table Pans 2-1/2" or

8 Full-Size Steam Table Pans 4" or

8 Full-Size Steam Table Pans 6" or

16 GN 1/1 65mm or

8 GN 1/1 100mm or

8 GN 1/1 150mm or

8 Full-Size Sheet Pans\*\*

#### DIMENSIONS H x W x D

75-13/16" x 26-7/16" x 32-3/16"

[1924mm x 671mm x 817mm]

#### SHIPPING WEIGHT

393 lb [178 kg]

#### NET WEIGHT

333 lb [151 kg]

#### PRODUCT CAPACITY

192 lb [87 kg] per compartment

#### VOLTAGES

120V, 1Ph, 60Hz

208V, 1Ph, 60Hz

240V, 1Ph, 60Hz

230V, 1Ph, 50/60Hz

\* With additional sets of pan slides

\*\*Optional shelves required



### 500-PH/GD

The countertop design and glass door displays the perfect pizzas, hors d'oeuvres, pies and more, for boosted impulse sales. Behind the scenes, Halo Heat® technology ensures that the food is held at precise temperatures so it tastes even better than it looks.

#### MAXIMUM CAPACITY

Thirteen 16" [406mm] Pizzas

Maximum weight each

pizza: 2 lb [0,9 kg]

#### DIMENSIONS H x W x D

30-7/8" x 23-1/4" x 20-3/4"

[784mm x 591mm x 527mm]

#### SHIPPING WEIGHT

132 lb [60 kg]

#### NET WEIGHT

76 lb [34 kg]

#### PAN DIMENSIONS

\* Steam Table Pans = [20 x 12 x 2-1/2]

\* Half-Size Sheet Pans = [18 x 13 x 1]

\* Full-Size Sheet Pans = [18 x 26 x 1]

\* G/N 1/1 Pans = [530mm x 325mm x 65mm]



## Heated Holding | Drawer Warmers



500-3D

### 500-1D, -2D, -3D

Alto-Shaam drawer warmers are available in one-, two- and three-drawer configurations to fit any kitchen layout where food needs to be held and within arms reach. Using Halo Heat® technology, prepared food is kept hot and fresh without the use of added water or harsh heating elements. Flexible configurations available. Build into cabinets or counters, or stack to maximize space.

#### PRODUCT CAPACITY (PER DRAWER)

41 lb (19 kg) maximum

#### VOLTAGES

120V, 1Ph, 50/60Hz  
208-240V, 1Ph, 50/60Hz  
230V, 1Ph, 50/60Hz

#### MAXIMUM PAN CAPACITY (PER DRAWER)

1 Full-Size Steam Table Pan 6" or  
1 GN 1/1 Pan 152mm

#### DIMENSIONS (H x W x D)

**500-1D**  
11-5/8" x 24-5/8" x 25-7/8"  
[296mm x 624mm x 657mm]

**500-2D**  
18-15/16" x 24-5/8" x 25-7/8"  
[481mm x 624mm x 657mm]

**500-3D**  
26-1/8" x 24-5/8" x 25-7/8"  
[664mm x 624mm x 657mm]



500-3DN

### 500-1DN, -2DN, -3DN

Narrow one-, two- and three-drawer warmers are built with a slim design to fit any kitchen layout where food needs to be held and within arms reach. Using Halo Heat® technology, prepared food is kept hot and fresh without the use of added water or harsh heating elements. Flexible configurations available. Build into cabinets or counters, or stack to maximize space.

#### PRODUCT CAPACITY (PER DRAWER)

41 lb (19 kg) maximum

#### VOLTAGES

120V, 1Ph, 50/60Hz  
208-240V, 1Ph, 50/60Hz  
230V, 1Ph, 50/60Hz

#### MAXIMUM PAN CAPACITY (PER DRAWER)

1 Full-Size Steam Table Pan 6" or  
1 GN 1/1 Pan 152mm

#### DIMENSIONS (H x W x D)

**500-1DN**  
11-5/8" x 16-11/16" x 31-3/16"  
[296mm x 423mm x 792mm]

**500-2DN**  
18-15/16" x 16-11/16" x 31-3/16"  
[481mm x 423mm x 792mm]

**500-3DN**  
26-1/8" x 16-11/16" x 31-3/16"  
[664mm x 423mm x 792mm]



500-2DI

### 500-2DI (Individual Temperature Controls)

Designed for durability and deliciousness, The 500-2DI can fit any kitchen layout where food needs to be held and within arm's reach. Using Halo Heat® technology, prepared food is kept hot and fresh without the use of added water, fans or harsh heating elements. Individual controls for each drawer allow food to be held at the optimal temperature. Flexible configurations available. Build into cabinets or counters, or stack to maximize space.

#### PRODUCT CAPACITY (PER DRAWER)

41 lb (19 kg) maximum

#### MAXIMUM PAN CAPACITY (PER DRAWER)

1 Full-Size Steam Table Pan 6" or  
1 GN 1/1 Pan 152mm

#### DIMENSIONS (H x W x D)

**500-2DI**  
19-15/16" x 24-5/8" x 25-7/8"  
[491mm x 624mm x 657mm]

## Heated Holding | Mobile Heated Banquet Carts

Banquet carts are built to handle the most challenging of events, guaranteeing every banquet service with perfectly held food. Complete with Halo Heat® technology and adaptable storage for everything from covered plates to plate carriers to trays and full- or half-size pans. These mobile banquet carts are ready to work as hard as you do.



1000-BQ2/96

### 1000-BQ2/96

#### MAXIMUM CAPACITY

**PLATES**  
[96] 9" to 10" Plates  
[96] 229mm to 254mm Plates

#### PANS

[32] Full-Size Steam Table Pans 2-1/2" or  
[32] GN 1/1 65mm

#### VOLTAGES

120V, 1Ph, 60Hz  
208V-240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

67-5/8" x 37-15/16" x 30-13/16"  
[1716mm x 964mm x 783mm]

#### SHIPPING WEIGHT

415 lb (188 kg)

#### NET WEIGHT

322 lb (146 kg)

#### PRODUCT CAPACITY

240 lb (109 kg)

1000-BQ2/96  
Shown with split door option

### 1000-BQ2/128

#### MAXIMUM CAPACITY

**PLATES**  
[128] 9" to 10" Plates  
[128] 229mm to 254mm Plates

#### PANS

[32] Full-Size Steam Table Pans 2-1/2" or  
[32] GN 1/1 65mm

#### VOLTAGES

120V, 1Ph, 60Hz  
208V-240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

67-5/8" x 45-7/8" x 30-13/16"  
[1716mm x 1164mm x 783mm]

#### SHIPPING WEIGHT

485 lb (220 kg)

#### NET WEIGHT

370 lb (168 kg)

#### PRODUCT CAPACITY

320 lb (145 kg)

1000-BQ2/192  
Shown with split door option

### 1000-BQ2/192

#### MAXIMUM CAPACITY

**PLATES**  
[192] 9" to 10" Plates  
[192] 229mm to 254mm Plates

#### PANS

[64] Full-Size Steam Table Pans 2-1/2" or  
[64] GN 1/1 65mm

#### VOLTAGES

120V, 1Ph, 60Hz  
208V-240V, 1Ph, 60Hz  
230V, 1Ph, 50/60Hz

#### DIMENSIONS H x W x D

67-5/8" x 68-11/16" x 30-13/16"  
[1716mm x 1744mm x 783mm]

#### SHIPPING WEIGHT

750 lb (340 kg)

#### NET WEIGHT

618 lb (280 kg)

#### PRODUCT CAPACITY

480 lb (218 kg)

## Heated Holding | Combimate® Companion Warmers

The ultimate sidekick, Combimate heated holding cabinets complete the banqueting system and are compatible with roll-in Combitherm® ovens and roll-in QuickChiller™ blast chillers. Advanced service plating and staging means you can work smarter, not harder, to provide high quality meals to guests.



20-20 MW

### 20-20 MW (MOBILE WARMER)

#### MAXIMUM PAN CAPACITY

40 Full-Size Steam Table Pans 2-1/2" or  
40 GN 1/1 Pans 65mm

20 Full-Size Sheet Pans\*

#### VOLTAGES

208V, 1Ph, 50/60Hz  
240V, 1Ph, 50/60Hz  
230V, 1Ph, 50/60Hz

\*Additional shelves required

#### DIMENSIONS H x W x D

74-3/4" x 35" x 41-5/16"  
(1898mm x 888mm x 1049mm)

#### SHIPPING WEIGHT

538 lb [244 kg]

#### NET WEIGHT

419 lb [190 kg]

#### PRODUCT CAPACITY

480 lb [218 kg]



20-20 W

### 20-20 W (STATIONARY WARMER)

#### MAXIMUM PAN CAPACITY

40 Full-Size Steam Table Pans 2-1/2" or  
40 GN 1/1 Pans 65mm

20 Full-Size Sheet Pans\*

#### VOLTAGES

208V, 1Ph, 50/60Hz  
240V, 1Ph, 50/60Hz  
230V, 1Ph, 50/60Hz

\*Additional shelves required

#### DIMENSIONS H x W x D

74-3/4" x 32-11/16" x 41"  
(1898mm x 830mm x 1039mm)

#### SHIPPING WEIGHT

538 lb [244 kg]

#### NET WEIGHT

419 lb [190 kg]

#### PRODUCT CAPACITY

480 lb [218 kg]



**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.



**ALTO-SHAAM.**

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### Full Line Commercial Kitchen Equipment:

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

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“Everything we do in the restaurant is done with precision, so to know that Alto-Shaam can be relied on with dependable temperature and function makes our jobs easier and food more consistent.”



**Chef Daniel Humm**  
Owner / Eleven Madison Park

See Daniel's full story and more at:  
[alto-shaam.com/success](https://alto-shaam.com/success)

ALTO-SHAAM®