Flectric or Gas

Ul

Engineered for dependability, connectivity, and cost savings, Prodigi™ Pro combination ovens are an all-in-one solution for efficient and consistent food production. These ovens do the work of a convection oven, kettle, steamer, fryer, smoker and more. With advanced features and accessories and an intelligent, customizable control, Prodigi Pro combination ovens are designed to support—and connect—the most demanding kitchens.

Standard features

- Boilerless steam generation
- Absolute Humidity Control™ for selecting any humidity level from 0-100% to maximize food quality, texture, and yield
- Three cooking modes—steam, convection, and combination
- 10.1" programmable, touchscreen control with customizable home screen options, recipe categorization and filtering, lockout features and
- Easy recipe upload/download via USB port
- ChefLinc™ remote oven management to push and pull recipes, software or oven settings from anywhere
- Five fully automated cleaning cycles
- Front-accessible and retractable rinse hose
- LED illuminated door handle to provide visual notification of the oven status
- SafeVent™ automatic steam venting at the end of the cooking cycle
- Zero clearance design
- FPA 202 compliant
- Temperature range: 85°F to 550°F (30°C to 302°C)



Seven full-size sheet pans; Sixteen* GN 1/1 pans, two rows deep

[*one less on models with smokers] 14 half-size sheet pans

Two side racks with eight non-tilt support rails; 19-7/8" [505mm] horizontal width between rails, 2-3/4" [70mm] vertical spacing between rails

168 lb (76 kg) kg product maximum

105 quarts (133 liters) liters volume maximum

Four (4) wire shelves included.

Copper Installation kits

Base kit selection on amp draw found in electrical table

Electric

- □ 20A (5026970)
- □ 30A (5026932)
- □ 40A (5026972)
- □ 50A (5026973)
- □ 80A [5026974]
- □ 125A (5026977)
- □ 175A (5026978) □ 200A [5026979]

Gas

- □ 20A (5026980)
- □ 30A [5026933]
- □ No cord (5026971)

CPVC Installation kits

Base kit selection on amp draw found in electrical table

Flectric

- □ 20A (5021521)
 - □ 125A (5021529)
- □ 30A (5021519)
 - □ 150A (5021530)
- □ 40A (5021525)
- □ 200A (5021531)
- □ 50A (5021526)
- □ 250A (5021531)
- □ 80A (5021527)

Gas

- □ 20A (5021522)
- □ 30A (5021520)
- □ No cord (5021524)

This equipment is UL listed for ventless operation. Ventless certification is for all food items, including foods classified as "fatty raw proteins." These foods include bone-in, skin-on chicken, raw hamburger meat, raw sausage, steaks, etc. Always consult local HVAC codes and authorities to ensure compliance with ventilation requirements. If you require further assistance, or local authorities and/or jurisdictions reject your request, please contact our dedicated Regulatory Compliance team.









COA# 5760







Configuration for Electric Models (select one)

- ☐ Turbo (Increased energy usage for quicker preheat and recovery times)
- ☐ ECO (Designed for energy conservation—reference power reauirements)

Configuration for Gas Models (select one)

□ Natural gas

Electrical (select one)

- ☐ 208-240V 1ph (Gas only) ☐ 120V 1ph (Gas only)
- □ 208-240V 3ph □ 440-480V 3ph

Door swing (select one)

- ☐ Right hinged
- ☐ Recessed door, optional (not available on ventless hood models)

ChefLinc connection

☐ Wi-Fi (standard) ☐ Ethernet (optional)

Options (select all that apply)

- □ Ventech™ Hood* □ Ventech™ PLUS Hood*
- ☐ CombiSmoke® feature—smoke hot or cold with real wood chips (not available on units with Ventech hoods or units with security devices)
- ☐ Automatic grease collection system
- *Electric models only

Cleaning (select one)

- ☐ Automatic tablet-based cleaning system (standard)
- ☐ Automatic liquid cleaning system (optional)

Probe choices

- ☐ Removable, quick-release, T-style probe (PR-37158) [standard]
- ☐ Removable, single-point, sous vide probe [PR-36576] (optional)
- ☐ Removable probe with stop for grease collection [5035704]

Security devices for correctional facility use

- ☐ Optional base package (not available with recessed door): includes tamper-proof screw package
- ☐ Anti-entrapment device [5017157] [optional]
- ☐ Control panel security cover (5017145) (optional)
- ☐ Hasp door lock (padlock not included) (5017144) (optional)

Water treatment

- ☐ RO System OPS175CR/5 [5031203]
- ☐ Water filtration system (5037355)

Extended warranty

☐ One-year warranty extension

Installation options (select one)

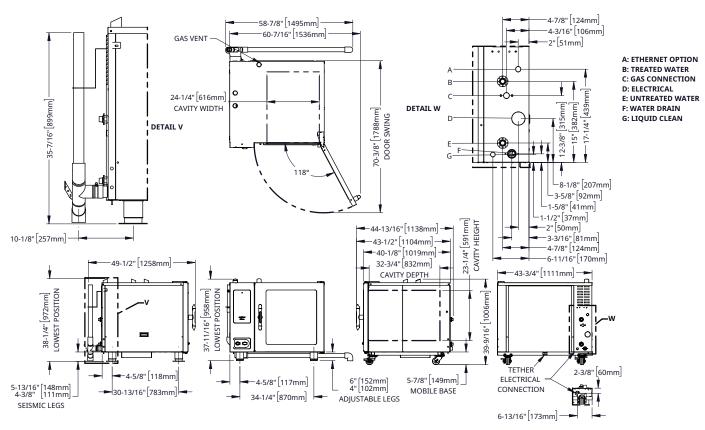
- $\hfill\square$ Alto-Shaam Factory Authorized Installation Program available in the U.S. and Canada only
- ☐ Installation Start-Up Check available through an Alto-Shaam authorized service agency

Accessories (reference accessory catalog)





DIMENSIONS — standard door



Model Exterior (H x W x D)

Interior (H x W x D)

Net Weight

7-20 37-11/16" x 43-3/4" x 44-13/16" [958mm x 1111mm x 1138mm] 23-1/4" x 24-1/4" x 32-3/4" [591mm x 616mm x 832mm] Elec: 563 lb [255 kg] Gas: 522 lb [237 kg]

Ship Dimensions (L x W x H)*

Ship Weight*

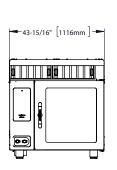
56" x 49" x 51" [1422mm x 1245mm x 1295mm]

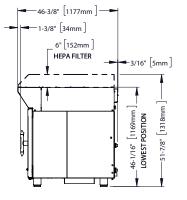
Elec: 708 lb (321 kg) Gas: 667 lb (303 kg)

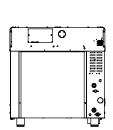
*Domestic ground shipping information. Contact factory for export weight and dimensions.

OVENS WITH VENTECH® HOOD

Electric only







Model Ventech Hood Exterior (H x W x D)

VH-20 11-1/8" x 43-15/16" x 46-3/8" [282mm x 1116mm x 1177mm]

Ventech Hood Plus Exterior (H x W x D)

17-1/8" x 43-15/16" x 46-3/8" (435mm x 1116mm x 1177mm)

Oven with Ventech Hood (H x W x D)

46-1/16" x 43-15/16" x 46-3/8" [1169mm x 1116mm x 1177mm]

Oven with Ventech Hood Plus (H x W x D)

51-7/8" x 43-15/16" x 46-3/8" [1318mm x 1116mmx 1177mm]

Net Weight

158 lb (72 kg)

Net Weight 211 lb (96 kg)

Net Weight
Call factory
Net Weight

Call factory

Ship Dimensions (L x W x H)*

56" x 49" x 20" [1422mm x 1245mm x 508mm]

Ship Dimensions (L x W x H)*

59" x 49" x 20" (1500mm x 1245mm x 508mm)

Ship Dimensions (L x W x H)*

56" x 45" x 65" [1422mm x 1143mm x 1651mm]

Ship Dimensions (L x W x H)*

56" x 45" x 65" [1422mm x 1143mm x 1651mm]

Ship Weight* 276 lb (125 kg)

Ship Weight*

336 lb [152 kg] **Ship Weight***

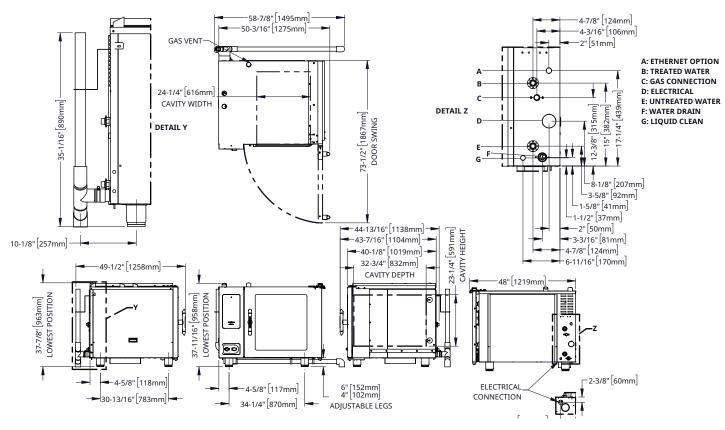
Call factory

Ship Weight*
Call factory

^{*}Domestic ground shipping information. Contact factory for export weight and dimensions.



DIMENSIONS — recessed door



Model Exterior (H x W x D) Interior (H x W x D)

Net Weight

7-20 37-11/16" x 43-3/4" x 44-13/16" (958mm x 1111mm x 1138mm) 23-1/4" x 24-1/4" x 32-3/4" [591mm x 616mm x 832mm] Elec: 563 lb [255 kg] Gas: 522 lb [237 kg]

Ship Dimensions (L x W x H)*

56" x 49" x 51" (1422mm x 1245mm x 1295mm)

Ship Weight*

Elec: 708 lb (321 kg) Gas: 667 lb (303 kg)

*Domestic ground shipping information. Contact factory for export weight and dimensions.

OVENS WITH VENTECH® HOOD

Electric only

Eliminate the need for a traditional kitchen hood. Ventech Type 1 hoods with condensation technology condense steam while capturing and removing grease-laden air, vapors, and lingering smoke. For more demanding locations, Ventech PLUS $^{\text{\tiny{IM}}}$ hoods include a HEPA filter. These hoods combine the fine particulate filtering of a HEPA filter with condensation technology of the standard Ventech hood.







							ECO					Turb	o Option*			
7-20E	V	Ph	Hz	AWG**	Α	Α^	Breaker minimum	kW	kW^	AWG**	Α	Α^	Breaker minimum	kW	kW^	Connection
208-240V	208	3	50/60	6	45.7	46.4	58A/58A^	16.4	16.7	4	53.4	54.2	67A/68A^	19.2	19.5	3Ø/PE
	240	3	50/60	6	52.7	53.9	66A/68A^	21.9	22.4	4	61.4	62.7	77A/79A^	25.5	26.0	3Ø/PE
440-480V	440	3	50/60	12	20.6	21.0	26A/27A^	15.7	16.0	10	24.7	25.9	31A/33A^	18.3	19.7	3Ø/PE
	480	3	50/60	12	22.4	23.1	28A/29A^	18.7	19.2	10	26.2	28.5	33A/36A^	21.8	23.7	3Ø/PE

^{*}No-cost option on electric models. ^Values for units with Ventech Hoods.

- ** Recommended minimum conductor sized at 90°C and ambient 30°C.
- Electrical connections must meet all applicable federal, state, and local codes.
- For use on individual branch circuit only.
- Ovens are not supplied with an electrical cord or plug.
- Electric supply may be hard-wired or use a cord and plug. Local codes may require a current protection device. If so, the device must accommodate a leakage current of 20mA.

With Smoke	r Optio	n			E	co			Turbo	Option*		
7-20E	V	Ph	Hz	AWG**	Α	Breaker minimum	kW	AWG**	Α	Breaker minimum	kW	Connection
208-240V	208	3	50/60	6	47.2	59A	17.0	4	54.7	69A	19.7	3Ø/PE
	240	3	50/60	6	54.4	68A	22.6	4	63.1	79A	26.2	3Ø/PE
440-480V	440	3	50/60	12	21.9	28A	16.2	10	24.7	31A	18.8	3Ø/PE
	480	3	50/60	12	23.8	30A	19.2	10	26.8	34A	22.3	3Ø/PE

- ** Conducteur minimum recommandé de température nominale de 90 °C et ambiante de 30 °C.
- Les raccordements électriques doivent être conformes à toutes les réglementations en vigueur.
- Utiliser exclusivement sur un propre circuit de dérivation séparé.
- Les fours ne sont pas fournis avec un cordon ou une fiche électrique.
- L'alimentation électrique peut être par câblage ou par cordon et fiche. Les codes en vigueur peuvent exiger un dispositif de protection contre les courants résiduels. Si c'est le cas, ce dispositif doit accepter un courant de fuite de 20 mA.



					Wit	hout Smoker	Option	W	ith Smoker O	ption	
7-20G	v	Ph	Hz	AWG**	Α	Breaker minimum	kW	Α	Breaker minimum	kW	Connection
120 V	120	1	60	12	6,8	20A	0,84	12,0	20A	1,5	1Ø/PE
208-240 V	208	1	50/60	14	4,8	15A	1,0	7,3	15A	1,5	1Ø/PE
	240	1	50/60	14	4,2	15A	1,0	7,1	15A	1,7	1Ø/PE
208-240 V	208	3	50/60	14	4,8	15A	1,0	7,3	15A	1,5	3Ø/PE
	240	3	50/60	14	4,2	15A	1,0	7,1	15A	1,7	3Ø/PE

- ** Recommended minimum conductor sized at 90°C and ambient 30°C.
- Electrical connections must meet all applicable federal, state, and local codes.
- · For use on individual branch circuit only.
- Ovens are not supplied with an electrical cord or plug.
- Electric supply must be hard-wired. Local codes may require a current protection device. If so, the device must accommodate a leakage current of 20mA.





CLEARANCE

Top: 20" (508mm) Left: 0" (0mm)

18" (457mm) recommended service access

Right: 0" (0mm) non-combustible surfaces

2" (51mm) combustible surfaces

Bottom: 5-1/8" (130mm)

Back: 4" (102mm) between plumbing and nearest

object



Oven must be installed level.

- Oven must be installed on noncombustible surface.
- Use a water supply shut-off valve and back-flow preventer when required by local code.
- Drain must not be located directly underneath the appliance unless a stand with solid top or shelf is used.
- Exhaust hood installation is required on gas-heated models



Heat of rejection

7-20E	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	1305	0.38



Heat of rejection

7-20G	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	549	0.16



ELEKTRISCH

Noise emissions Without hood sy

Without hood system, a maximum 67 dBA was measured at 3.3 ft [1 m] from unit.

With hood system, a maximum 73 dBA was measured at 3.3 ft [1 m] from unit.



Noise emissions

Without hood system, a maximum 67 dBA was measured at 3.3 ft [1 m] from unit.



Gas Requirements

- Gas type must be specified on order
- Hook-up: 3/4" NPT

UL Marked Appliances	Maximum Input BTU/h	Maximum Inlet Pressure Inches	Minimum Inlet Pressure Inches	Maximum Fuel Consumption*		
		WC (kPa) WC (kPa)		CFH	GPH	
Natural Gas	98,000	14.0 (3.5)	5.5 (1.1)	93.3	N/A	
Propane	98,000	14.0 (3.5)	9.2 [2.8]	39.2	1.1	

^{*}Assumes an average heating value for natural gs to be 1050 BTU/SCF and a specific gravity of 0.60. The assumed value for propane gas is 2,500 BTU/SCF, and a specific gravity of 1.53.



WATER

Water requirements (per oven)

Two cold water inlets — drinking quality

- One treated water inlet: 3/4" NPT male connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static (200–1000 kPa) at a minimum flow rate of 0.26 gpm [1 L/min].
- One untreated water inlet: 3/4" NPT male connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static [200–1000 kPa] at a minimum flow rate of 2.64 gpm [10 L/min]. Water drain: 1-1/2" [40mm] connection with a vertical vent to extend above the exhaust vent. Materials must withstand temperatures up to 200°F [93°C].



Clearance requirements for water filtration system

Do not install a water filtration system behind unit.

Water Quality Standards

It is the sole responsibility of the owner/operator/purchaser of this equipment to verify that the incoming water supply is comprehensively tested and, if required, a means of "water treatment" provided that would meet compliance requirements with the published water quality standards shown below. Non-compliance with these minimum standards will potentially damage this equipment and/or components and void the original equipment manufacturer's warranty. Alto-Shaam recommends using the Alto-Shaam Reverse Osmosis System or a water filtration system to properly treat your water.

Inlet Water Requirements					
Contaminant	Treated Water	Untreated Water			
Free Chlorine	Less than 0.1 ppm (mg/L)	Less than 0.1 ppm (mg/L)			
Hardness	30-70 ppm	30-70 ppm			
Chloride	Less than 30 ppm [mg/L]	Less than 30 ppm (mg/L)			
pH	7.0 to 8.5	7.0 to 8.5			
Silica	Less than 12 ppm [mg/L]	Less than 12 ppm (mg/L)			
Total Dissolved Solids (tds)	50-125 ppm	50-360 ppm			

CONTACT US

W164 N9221 Water Street | Menomonee Falls, Wisconsin 53051 | U.S.A. Phone: 262.251.3800 | 800.558.8744 U.S.A./Canada | Fax: 262.251.7067 | alto-shaam.com