

# Prodigi™ Pro 20-20 (E/G)

Electric 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 more
- Easy recipe upload/download via USB port
- ChefLinc™ remote oven management to push and pull recipes, software or oven settings from anywhere
- Four 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



20

Twenty full-size sheet pans;

Forty full-size hotel or GN 1/1 pans; two rows deep

Roll-in pan cart [5026385] with twenty non-tilt support rails included; 20" [508mm] horizontal width between rails, 2-9/16" [65mm] vertical spacing between rails

480 lb [218 kg] product maximum

300 quarts [380 liters] volume maximum

Ten [10] wire shelves included [SH-22743]

## Copper Installation kits

Base kit selection on amp draw found in electrical table

### Electric

- 20A [5026970]
- 30A [5026932]
- 40A [5026972]
- 50A [5026973]
- 80A [5026974]

### Gas

- 20A [5026980]
- 30A [5026933]
- No cord [5026971]

## CPVC Installation kits

Base kit selection on amp draw found in electrical table

### Electric

- 20A [5021521]
- 30A [5021519]
- 40A [5021525]
- 50A [5021526]
- 80A [5021527]
- 125A [5021529]
- 150A [5021530]
- 200A [5021531]
- 250A [5021531]

### Gas

- 20A [5021522]
- 30A [5021520]
- No cord [5021524]

Condensable Particulate Matter (CPM) emissions produced through the most aggressive testing methods available were measured at 0.77 mg/m<sup>3</sup> for 11,660 beef patties which is below the maximum allowable level of 5.0 mg/m<sup>3</sup> established by EPA test method 202. This product is UL listed under KNLZ in the U.S. and Canada.

ALTO-SHAAM



20-20 Pro

## Configuration for Electric Models (select one)

- Turbo
- ECO

## Configuration for Gas Models (select one)

- Natural gas
- Propane

## Electrical

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

## Door swing

- Right hinged [standard]
- Recessed door [optional]

## ChefLinc connection

- Wi-Fi [standard]
- Ethernet [optional]

## Smoking feature

- CombiSmoke® feature—smoke hot or cold with real wood chips (not available on units with hoods nor units with security devices)

## Extended warranty

- One-year warranty extension

## Cleaning

- Automatic tablet-based cleaning system [standard]
- Automatic liquid cleaning system [optional]

## Probe choices

- Removable, quick-release, T-style probe [PR-37156] [standard]
- Removable, single-point, sous vide probe [PR-36576] [optional]

## 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 [5017144] [optional]
- Hasp door lock [padlock not included] [5017145] [optional]

## Water treatment

- RO System OPS175CR/10 [5031204]

## Extended warranty

- One-year warranty extension

## Installation options (select one)

- Alto-Shaam Combination 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 \(reference accessory catalog\)](#)



COA# 5760  
Electric models only



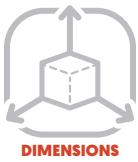
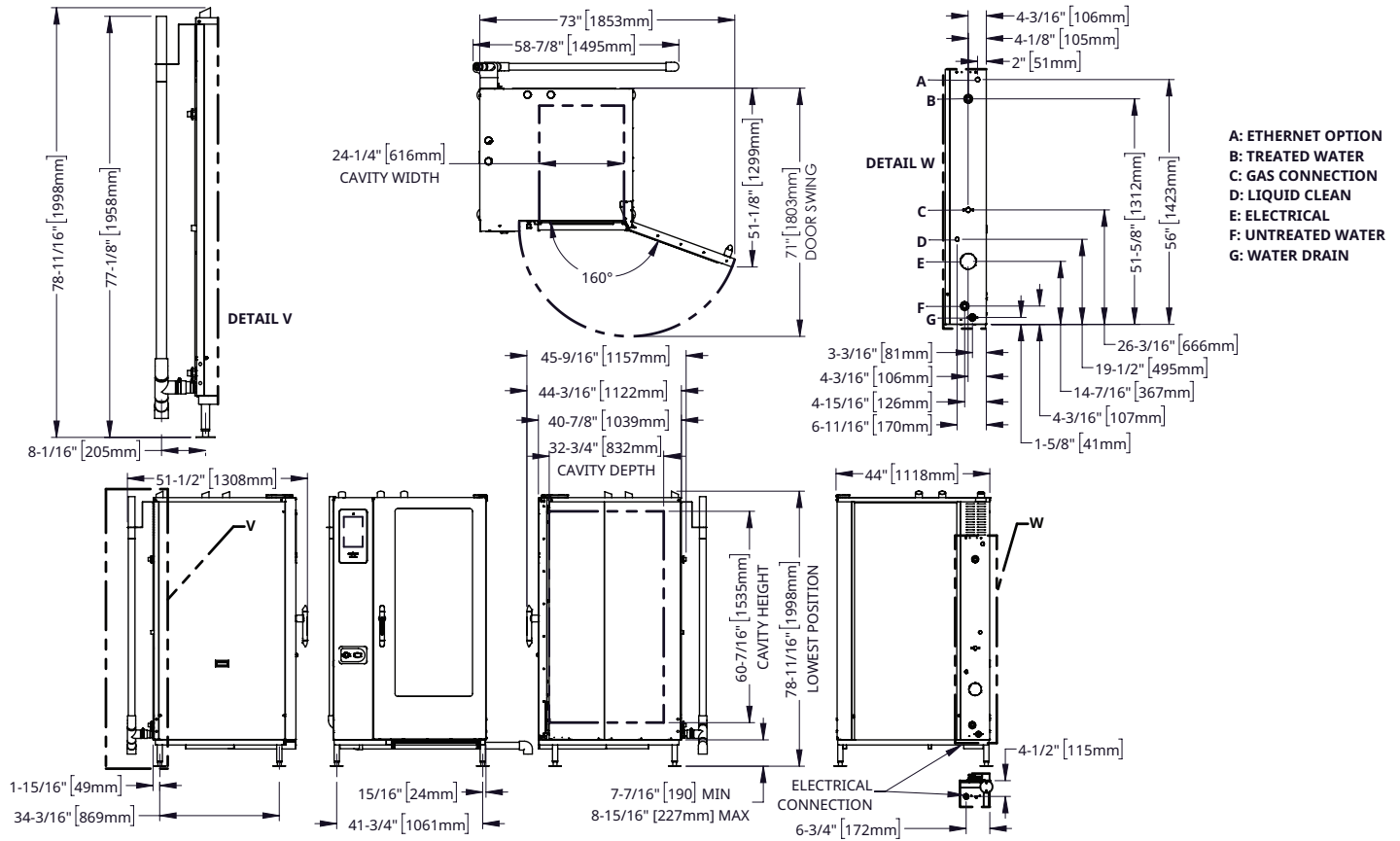
Gas ovens only



# Prodigi™ Pro 20-20 (E/G)



## DIMENSIONS — standard door



**Model**  
20-20E

**Exterior (H x W x D)**  
78-11/16" x 44" x 45-9/16" [1998mm x 1118mm x 1157mm]

**Interior (H x W x D)**  
60-7/16" x 24-1/4" x 32-3/4" [1535mm x 616mm x 832mm]

**Net Weight**  
1100 lb [499 kg]

**Ship Dimensions (L x W x H)\***  
53" x 53" x 87" [1346mm x 1346mm x 2210mm]

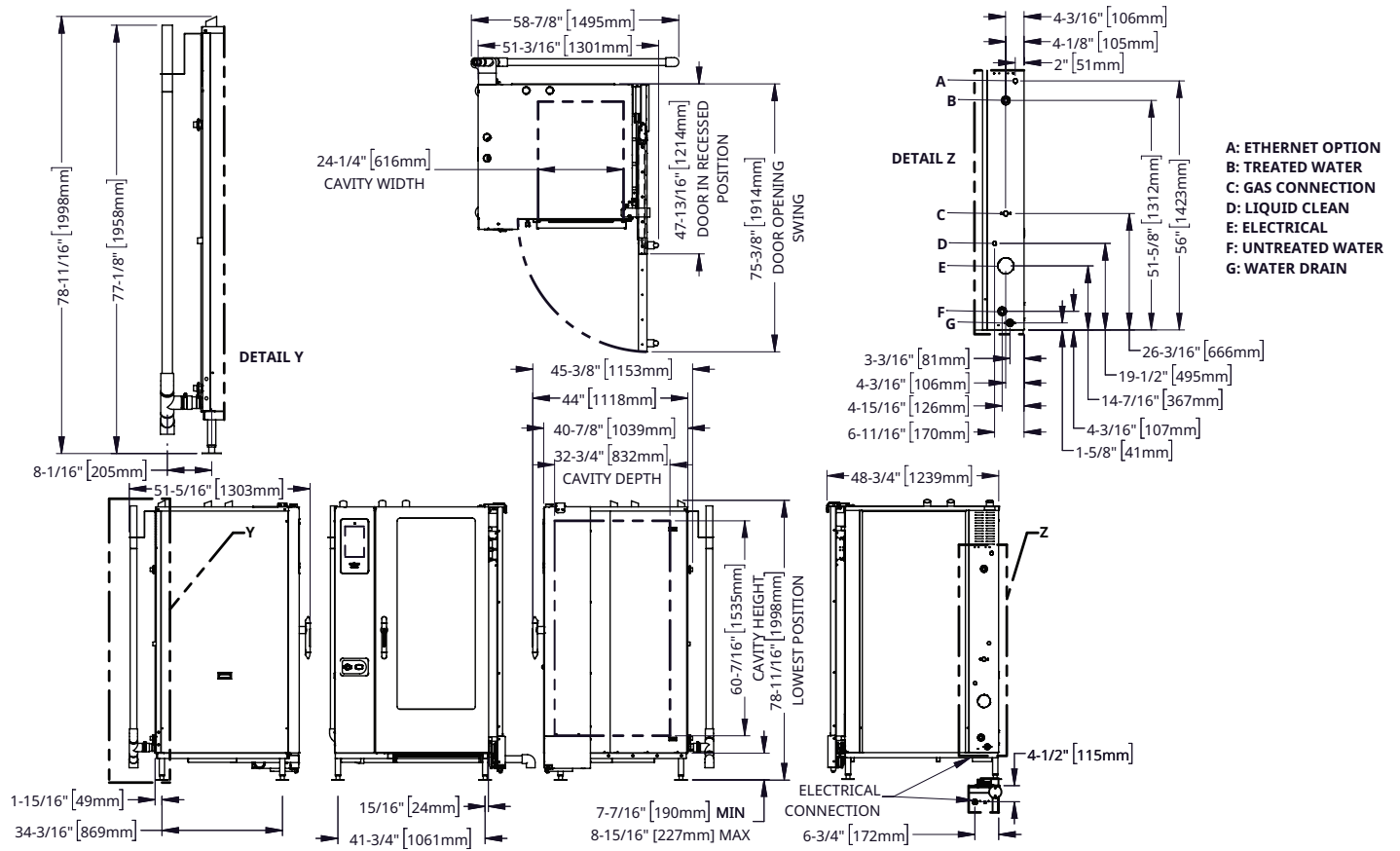
**Ship Weight\***  
1157 lb [525 kg]

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

# Prodigi™ Pro 20-20 (E/G)



## DIMENSIONS — recessed door



DIMENSIONS

**Model**  
20-20E

**Exterior with recessed door (H x W x D)**  
78-11/16" x 48-3/4" x 47" [1998mm x 1238mm x 1192mm]

**Interior (H x W x D)**  
60-7/16" x 24-1/4" x 32-3/4" [1535mm x 616mm x 832mm]

**Net Weight**  
1100 lb [499 kg]

**Ship Dimensions (L x W x H)\***  
53" x 53" x 87" [1346mm x 1346mm x 2210mm]

**Ship Weight\***  
1157 lb [525 kg]

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

# Prodigi™ Pro 20-20 (E/G)



20-20E ELECTRIC

20-20E	V	Ph	Hz	Awg (IEC)	ECO			Turbo Option*			Connection
					A	Breaker	kW	A	Breaker	kW	
208-240V	208	3	50/60	4	137.6	150	49.6	172	175	57.8	3Ø/PE
	240	3	50/60	0	158.8	175	66.0	198.5	200	77.0	3Ø/PE
440-480V	440	3	50/60	2	72.7	80	56.5	90.9	100	64.8	3Ø/PE
	480	3	50/60	1	79.4	80	66.0	99.2	100	77.0	3Ø/PE

\*No-cost option on electric models.

- 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.
- For CE models use a Type B current protection device that accommodates a leakage current of 30mA.

With Smoker Option					ECO			Turbo Option*			Connection
20-20E	V	Ph	Hz	Awg (IEC)	A	Breaker	kW	A	Breaker	kW	
208-240V	208	3	50/60	4	140.1	150	50.1	174.5	200	58.4	3Ø/PE
	240	3	50/60	0	161.6	175	66.7	201.3	225	77.7	3Ø/PE
440-480V	440	3	50/60	2	74.1	80	57.1	92.3	100	65.4	3Ø/PE
	480	3	50/60	1	80.8	90	66.7	100.7	100	77.7	3Ø/PE

\*No-cost option on electric models.

- 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.
- For CE models use a Type B current protection device that accommodates a leakage current of 30mA.



20-20G ELECTRIC

	20-20G	V	Ph	Hz	Awg (IEC)	Without Smoker Option			With Smoker Option			Connection
						A	Breaker	kW	A	Breaker	kW	
†	120V	120	1	60	12	13.6	25	1.7	18.2	25	2.3	1Ø/PE
†	208-240V	208	1	50/60	14	9.6	15	2.0	12.1	15	2.5	1Ø/PE
		240	1	50/60	14	8.4	15	2.0	11.3	15	2.7	1Ø/PE
†	208-240V	208	3	50/60	14	9.6	15	2.0	12.1	15	2.5	3Ø/PE
		240	3	50/60	14	8.4	15	2.0	11.3	15	2.7	3Ø/PE

† Per UL requirements, must be permanently connected to electrical supply source.

- 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.
- For CE models use a Type B current protection device that accommodates a leakage current of 30mA.

# Prodigi™ Pro 20-20 (E/G)



### 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



### CHECK FIRST

- 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.
- Exhaust hood installation is required on gas-heated models.
- Drain must not be located directly underneath the appliance.



### HEAT: ELECTRIC

#### Heat of rejection

20-20E	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	3,942	1.15



### NOISE: ELECTRIC

#### Noise emissions

Without hood system, a maximum 67 dBA was measured at 3.3 ft (1 m) from unit.  
With hood system, a maximum 81 dBA was measured at 3.3 ft (1 m) from unit.



### HEAT: GAS

#### Heat of rejection

20-20G	Heat Gain qs, BTU/hr	Heat Gain qs, kW
	1,490	0.44



### NOISE: GAS

#### Noise emissions

Without hood system, a maximum 67 dBA was measured at 3.3 ft (1 m) from unit.  
With hood system, a maximum 81 dBA was measured at 3.3 ft (1 m) from unit.



### GAS

#### Gas Requirements

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

UL Marked Appliances	Maximum Input BTU/h	Minimum Input BTU/h	Maximum Inlet Pressure Inches WC (kPa)	Minimum Inlet Pressure Inches WC (kPa)	Maximum Fuel Consumption*	
					CFH	GPH
Natural Gas	266,000**	216,000**	14.0 [3.5]	5.5 [1.1]	253.3	N/A
Propane	266,000**	182,000**	14.0 [3.5]	9.0 [2.8]	106.4	2.9

\*Assumes an average heating value for natural gas 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.

\*\* Total for the two-burner system.



### 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].

#### 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 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



### CLEARANCE

#### Clearance requirements for water filtration system

Do not install a water filtration system behind unit.

## 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](http://alto-shaam.com)