

Prodigi™ Classic 20-20 (E/G)

Electric or Gas
UL

ALTO-SHAAM

Engineered for dependability and cost savings, Prodigi™ Classic 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, and more. With labor-saving features, Prodigi Classic combination ovens are designed to support 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
- 7" programmable, touchscreen control
- Easy recipe upload/download via USB port
- Four fully automated cleaning cycles
- Front-accessible and retractable rinse hose
- Zero clearance design
- Temperature range: 85°F to 575°F



20-20 Classic



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

Gas

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

Configuration for Gas Models (select one)

- Natural gas
- Propane

Electrical (select one)

- 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)

Cleaning

- Automatic tablet-based cleaning system (standard)

Probe choices

- Removable, quick-release, T-style probe [PR-37156] (optional)
- 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 Factory Authorized Installation Program — available in the U.S. and Canada only
- Installation Start-Up Check — available through an Alto-Shaam authorized service agency

Condensable Particulate Matter (CPM) emissions produced through the most aggressive testing methods available were measured at 0.77 mg/m³ for 11,660 beef patties which is below the maximum allowable level of 5.0 mg/m³ established by EPA test method 202. This product is UL listed under KNLZ in the U.S. and Canada.

[Accessories \(reference accessory catalog\)](#)



COA# 5760
Electric models only

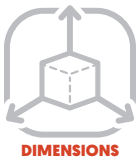
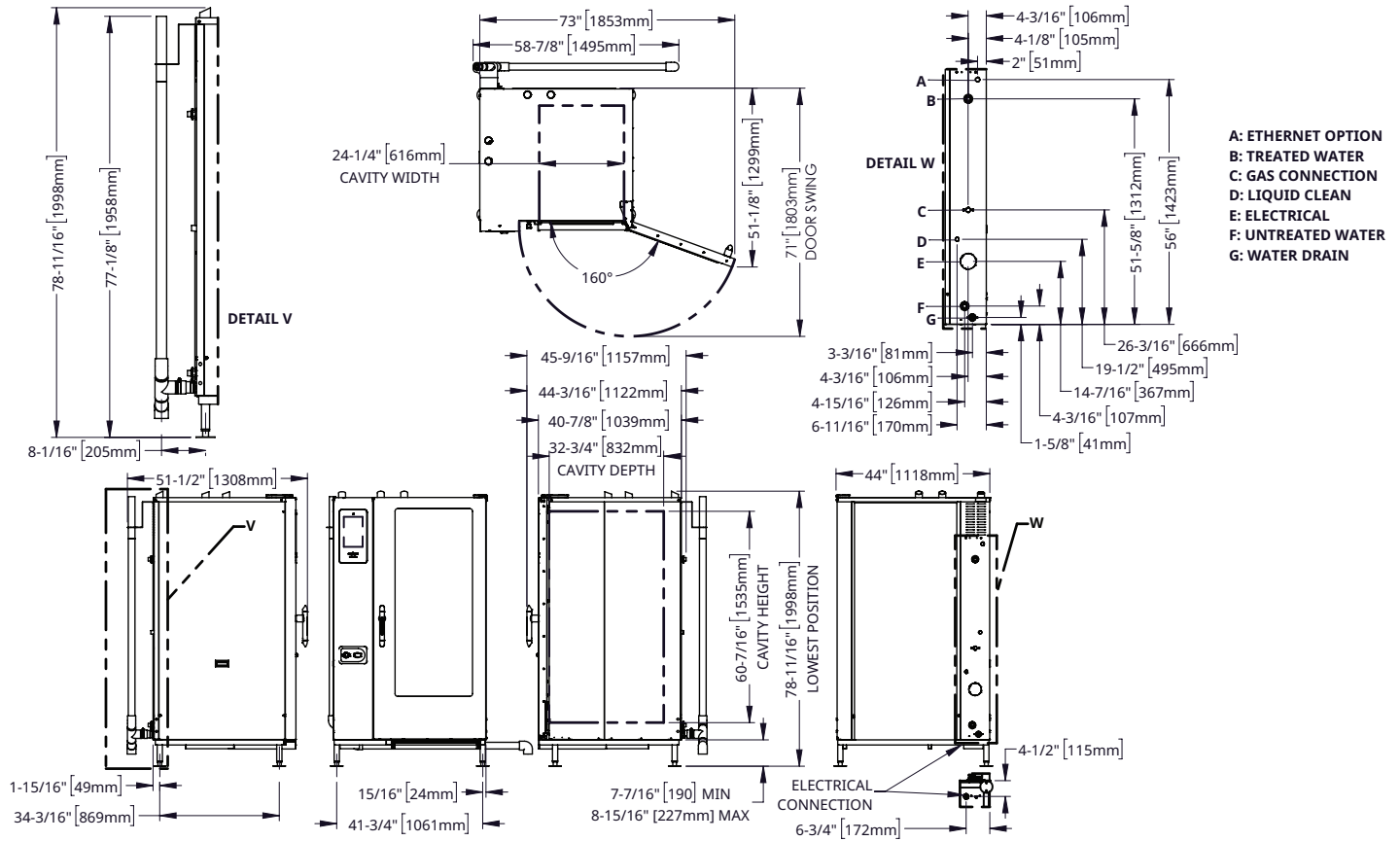


Gas ovens only

Prodigi™ Classic 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]

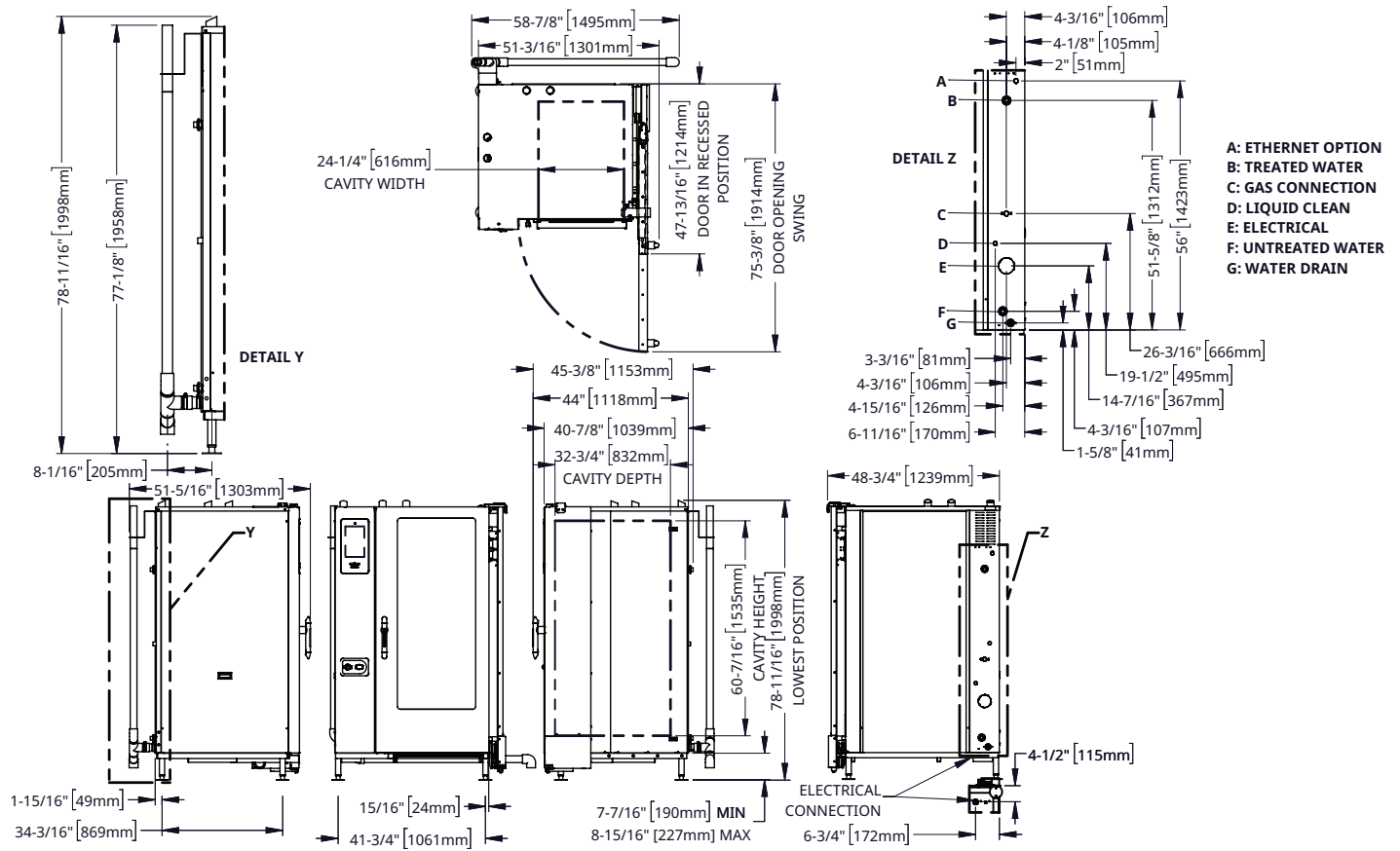
Ship Weight*
1157 lb [525 kg]

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

Prodigi™ Classic 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™ Classic 20-20 (E/G)



20-20E ELECTRIC

20-20E	V	Ph	Hz	Awg (IEC)	A	Breaker	kW	Connection
208–240V	208	3	50/60	4	137.6	150	49.6	1Ø/PE
	240	3	50/60	0	158.8	175	66.0	1Ø/PE
440–480V	440	3	50/60	2	72.7	80	56.5	3Ø/PE
	480	3	50/60	1	79.4	80	66.0	3Ø/PE

- 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)	A	Breaker	kW	Connection
†	120V*	120	1	60	12	13.0	20	1.7	1Ø/PE
†	208–240V	208	3	50/60	14	9.6	15	2.0	3Ø/PE
		240	3	50/60	14	8.4	15	2.0	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™ Classic 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
	3,379	0.99



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
	1,355	0.40



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	177,000	14.0 [3.5]	5.5 [1.1]	253.3	N/A
Propane	266,000	177,000	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.



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

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