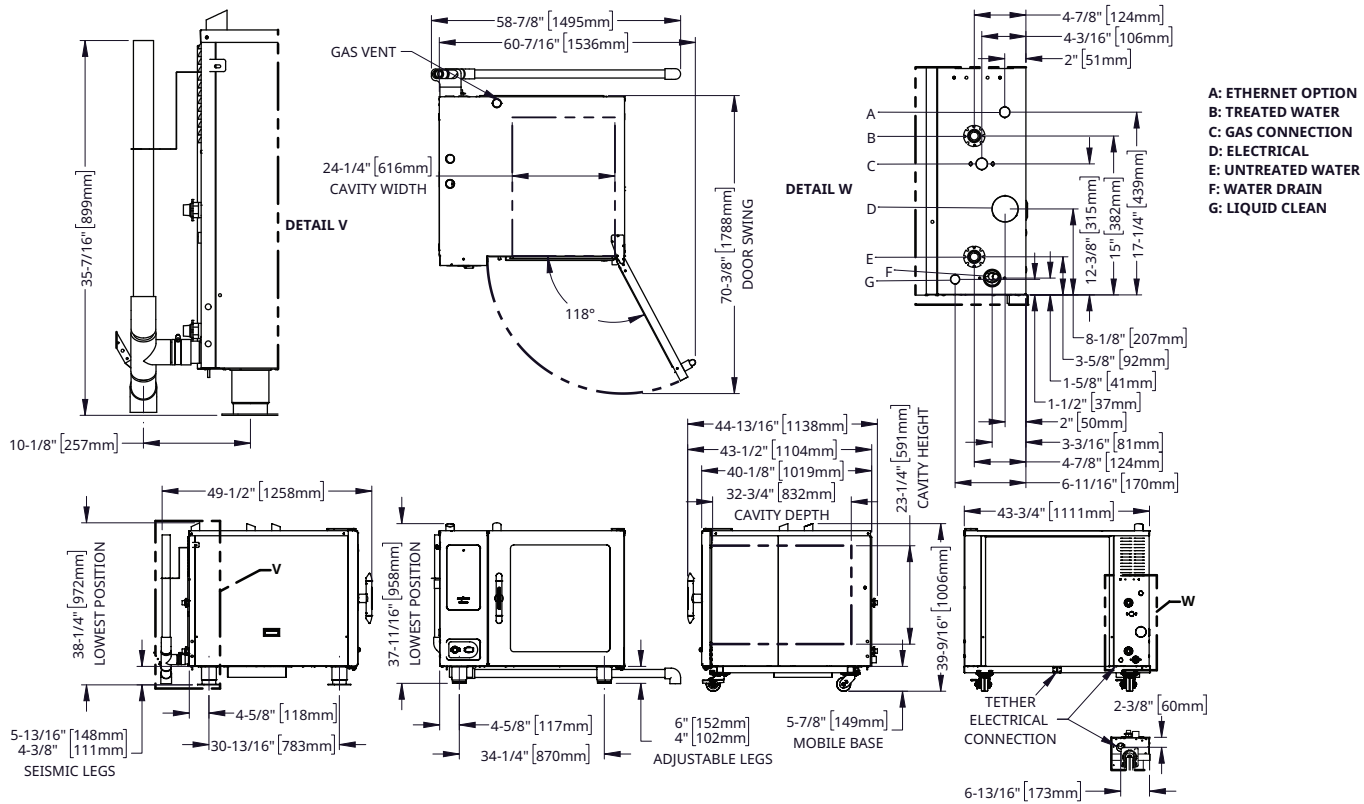


Prodigi™ Pro 7-20 (E/G)



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)*

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

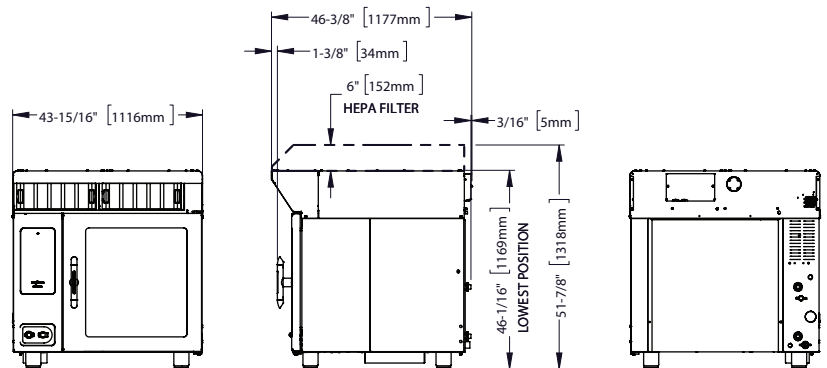
Ship Weight*

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



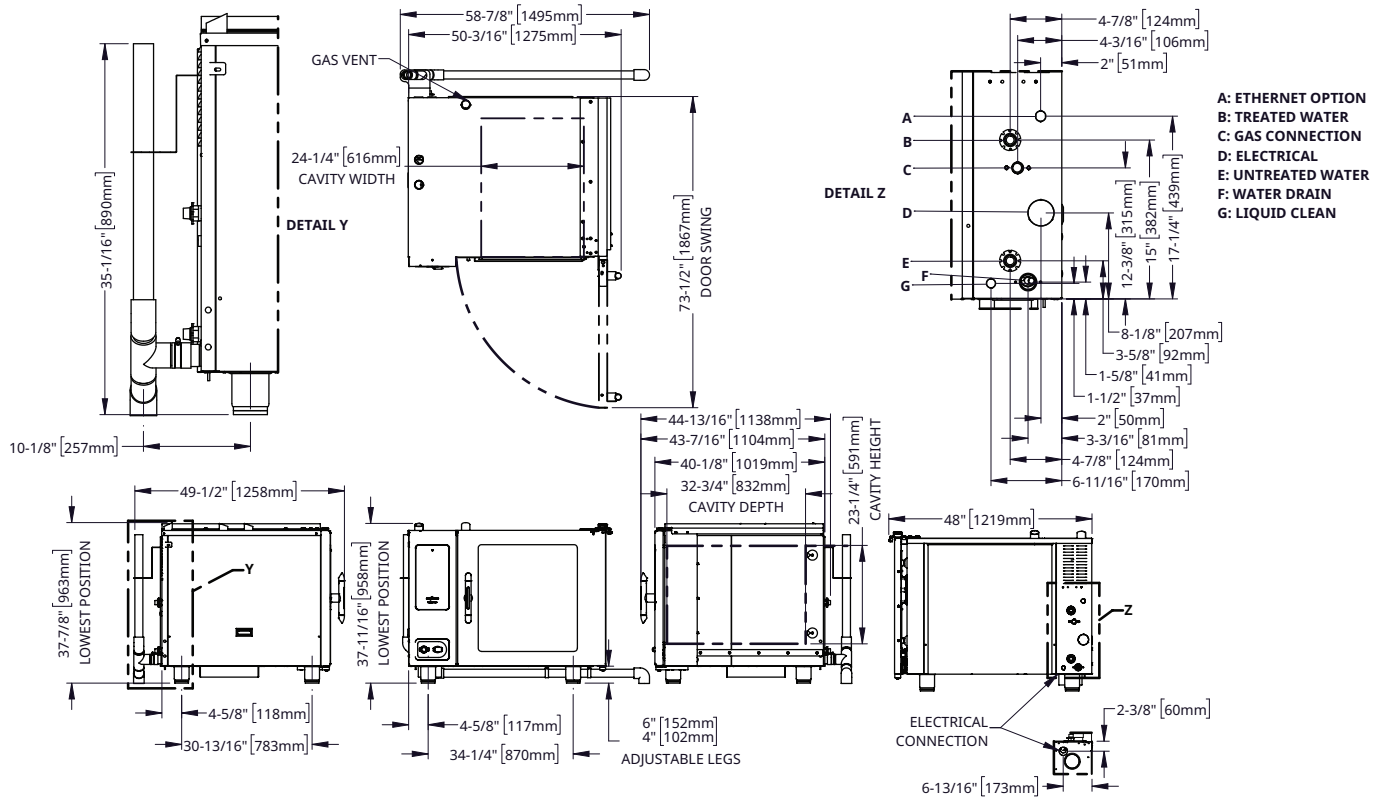
Model	Ventech Hood Exterior (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
VH-20	11-1/8" x 43-15/16" x 46-3/8" [282mm x 1116mm x 1177mm]	158 lb [72 kg]	56" x 49" x 20" [1422mm x 1245mm x 508mm]	276 lb [125 kg]
	Ventech Hood Plus Exterior (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	17-1/8" x 43-15/16" x 46-3/8" [435mm x 1116mm x 1177mm]	211 lb [96 kg]	59" x 49" x 20" [1500mm x 1245mm x 508mm]	336 lb [152 kg]
	Oven with Ventech Hood (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	46-1/16" x 43-15/16" x 46-3/8" [1169mm x 1116mm x 1177mm]	Call factory	56" x 45" x 65" [1422mm x 1143mm x 1651mm]	Call factory
	Oven with Ventech Hood Plus (H x W x D)	Net Weight	Ship Dimensions (L x W x H)*	Ship Weight*
	51-7/8" x 43-15/16" x 46-3/8" [1318mm x 1116mm x 1177mm]	Call factory	56" x 45" x 65" [1422mm x 1143mm x 1651mm]	Call factory

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

Prodigi™ Pro 7-20 (E/G)



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™ hoods include a HEPA filter. These hoods combine the fine particulate filtering of a HEPA filter with condensation technology of the standard Ventech hood.



Prodigi™ Pro 7-20 (E/G)



7-20E ELECTRIC

7-20E	V	Ph	Hz	ECO						Turbo Option*						Connection
				AWG**	A	A [^]	Breaker minimum	kW	kW [^]	AWG**	A	A [^]	Breaker minimum	kW	kW [^]	
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 Smoker Option				ECO				Turbo Option*				Connection
7-20E	V	Ph	Hz	AWG**	A	Breaker minimum	kW	AWG**	A	Breaker minimum	kW	
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

*No-cost option on electric models.

** 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.



7-20G ELECTRIC

7-20G	V	Ph	Hz	AWG**	Without Smoker Option			With Smoker Option			Connection
					A	Breaker minimum	kW	A	Breaker minimum	kW	
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.

Prodigy™ Pro 7-20 (E/G)



CLEARANCE

- Top: 20" (508mm)
- Left: 0" (0mm)
- Right: 18" (457mm) recommended service access
- Bottom: 5-1/8" (130mm)
- Back: 4" (102mm) between plumbing and nearest object



REQUIREMENTS

- 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: ELECTRIC

Heat of rejection

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



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 73 dBA was measured at 3.3 ft (1 m) from unit.



HEAT: GAS

Heat of rejection

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



NOISE: GAS

Noise emissions

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



GAS REQUIREMENTS

- 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 WC [kPa]	Minimum Inlet Pressure Inches WC [kPa]	Maximum Fuel Consumption*	
				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 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 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



CLEARANCE

Clearance requirements for water filtration system

Do not install a water filtration system behind unit.

CONTACT US

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