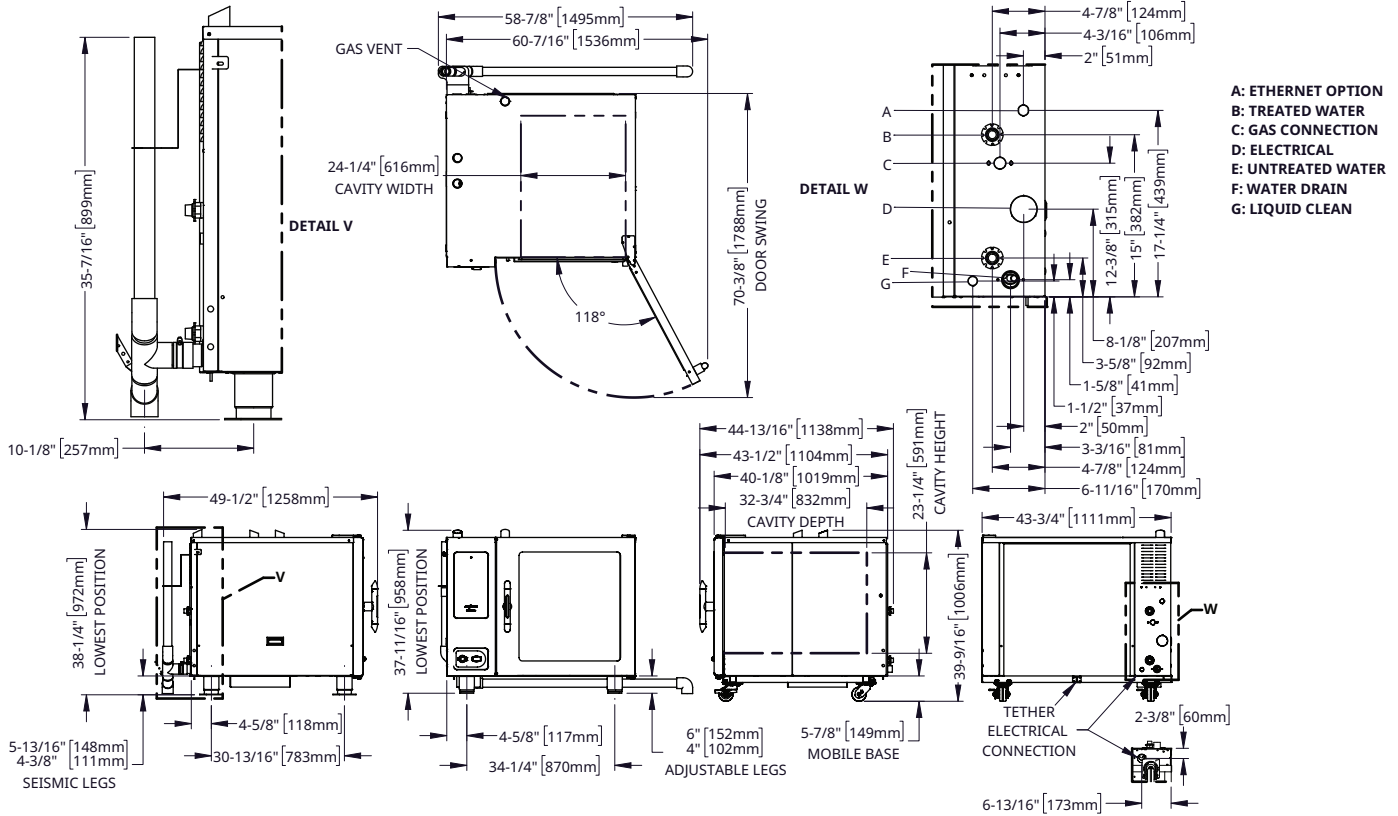




# Prodigi™ Pro 7-20 (E/G)



## 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]

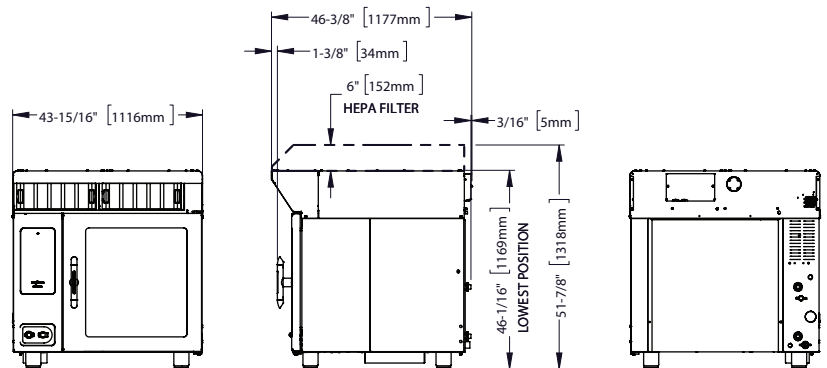
### Ship Weight\*

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



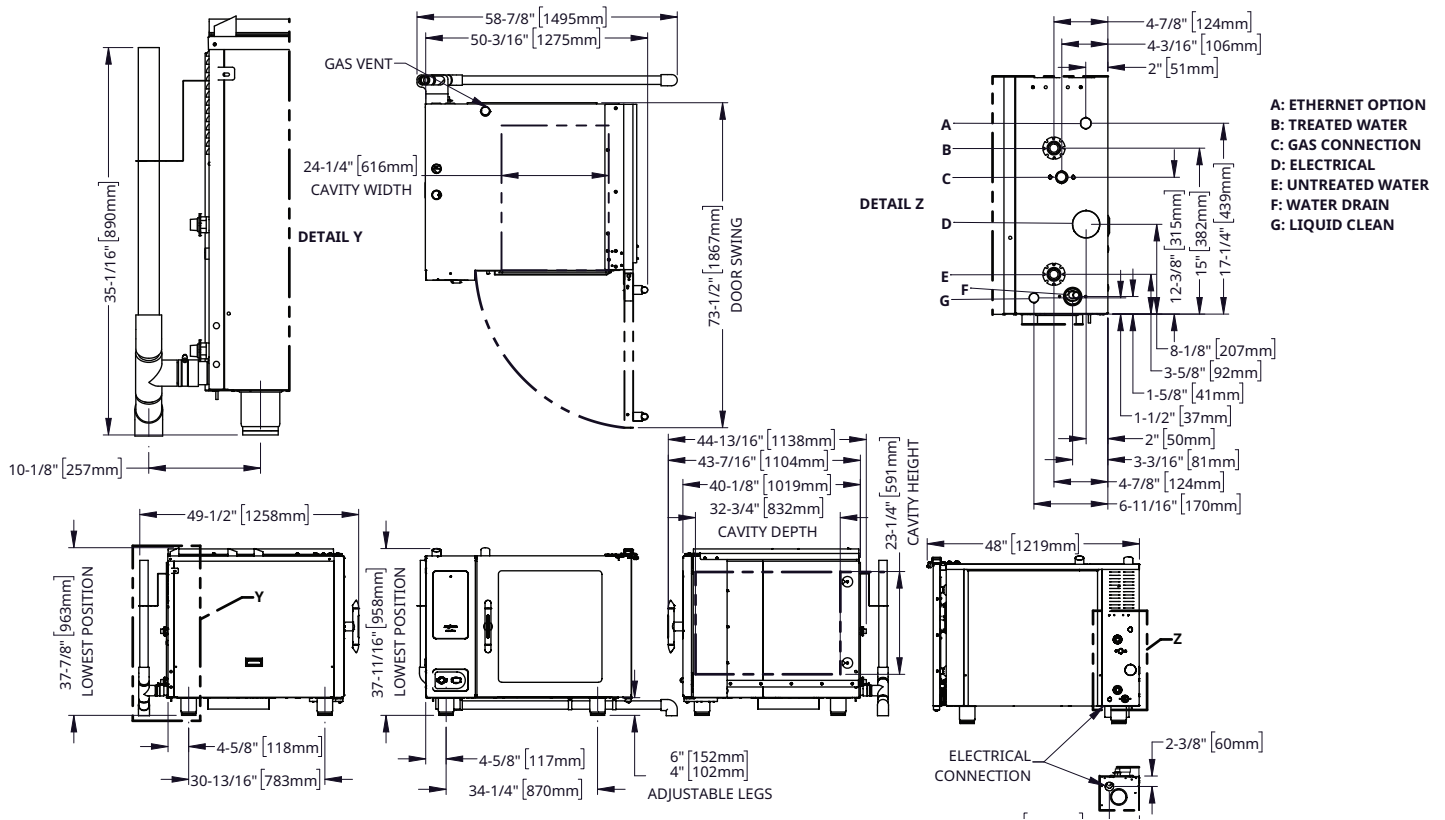
| Model | Ventech Hood Exterior (H x W x D)                         | Net Weight     | Ship Dimensions (L x W x H)*               | Ship Weight*    |
|-------|---|----------------|--|-----------------|
| VH-20 | 11-1/8" x 43-15/16" x 46-3/8" [282mm x 1116mm x 1177mm]   | 158 lb [72 kg] | 56" x 49" x 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 <sup>^</sup> | Breaker minimum      | kW   | kW <sup>^</sup> | AWG**         | A    | A <sup>^</sup> | Breaker minimum      | kW   | kW <sup>^</sup> |            |
| 208–240V | 208 | 3  | 50/60 | 6     | 45.7 | 46.4           | 58A/58A <sup>^</sup> | 16.4 | 16.7            | 4             | 53.4 | 54.2           | 67A/68A <sup>^</sup> | 19.2 | 19.5            | 3Ø/PE      |
|          | 240 | 3  | 50/60 | 6     | 52.7 | 53.9           | 66A/68A <sup>^</sup> | 21.9 | 22.4            | 4             | 61.4 | 62.7           | 77A/79A <sup>^</sup> | 25.5 | 26.0            | 3Ø/PE      |
| 440–480V | 440 | 3  | 50/60 | 12    | 20.6 | 21.0           | 26A/27A <sup>^</sup> | 15.7 | 16.0            | 10            | 24.7 | 25.9           | 31A/33A <sup>^</sup> | 18.3 | 19.7            | 3Ø/PE      |
|          | 480 | 3  | 50/60 | 12    | 22.4 | 23.1           | 28A/29A <sup>^</sup> | 18.7 | 19.2            | 10            | 26.2 | 28.5           | 33A/36A <sup>^</sup> | 21.8 | 23.7            | 3Ø/PE      |

\*No-cost option on electric models.

<sup>^</sup>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.

| 7-20E    | V   | Ph | Hz    | ECO   |      |                 |      | Turbo Option* |      |                 |      | Connection |
|----------|-----|----|-------|-------|------|-----------------|------|---------------|------|-----------------|------|------------|
|          |     |    |       | 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.

\*\* 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.



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             |



## GELUID: ELEKTRISCH

### 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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