

Combitherm® CTP7-20 (Marine) Electric, Boiler-Free

The industry standard. Our most popular model, the CTP7-20 Combitherm has the power and capacity to keep up with even the busiest of kitchens. Perfect for placement in high-production kitchens, this oven works just as hard as you do. Stack two together, or place it on a stand for versatility and quality without sacrificing space.

A soft-touch pneumatic retainer prevents the oven door from accidentally swinging open in high seas. A built-in detent holds the door open for easy loading and unloading of pans.

All sheet metal components are constructed of SAE 304 stainless steel for maximum corrosion resistance in marine environments.



CTP7 -20

Standard Features

- Programmable, touchscreen control
- 80% less water usage with boilerless design. Superior performance, improved reliability, and less maintenance costs associated with boiler parts and labor.
- Detachable food probe
- LED illuminated door handle
- Front-accessible, retractable rinse hose
- Safevent™ venting system
- Absolute Humidity Control™
- Seismic feet package
- Automatic tablet-based cleaning system
- Screen protector

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.



- 8** Eight full-size sheet pans; eight GN 2/1 pans; sixteen half-size or GN 1/1 pans, two rows deep
- 2** 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] product maximum
- 105 quarts [133 liters] volume maximum

Configurations (select one)

Door swing

- Right hinged

Electrical

- 440-480V 3ph

Accessories (select all that apply)

- Stacking hardware
- Smoking feature
- Color panels

Probe choices

- Removable, single-point, quick-connect core temperature probe, standard
- Removable, single-point, quick-connect sous vide temperature probe, optional

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
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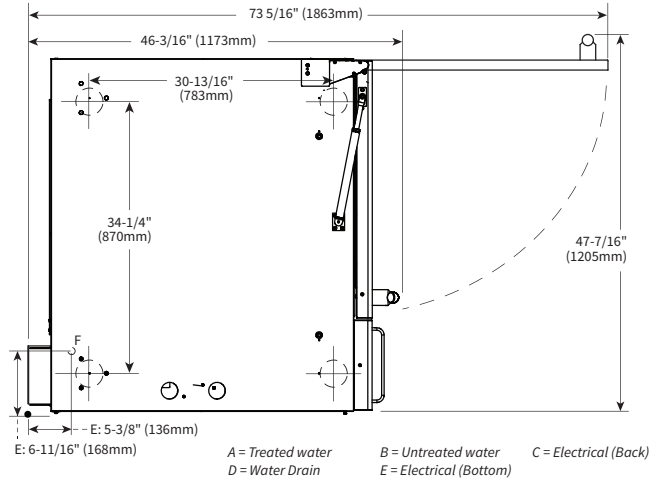
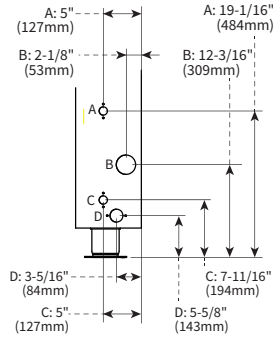
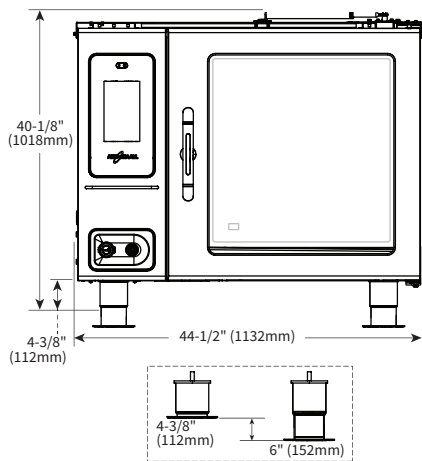
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Пенза (8412)22-31-16
Казахстан (772)734-952-31

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Тюмень (3452)66-21-18
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Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
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Ярославль (4852)69-52-93

CTP7-20 (Marine)

Specification



Model	Exterior (H x W x D)	Interior (H x W x D)
CTP7-20	37-13/16" x 43-3/4" x 46-3/16" [961mm x 1111mm x 1173mm]	23-1/4" x 24-1/4" x 32-3/4" [590mm x 616mm x 832mm]
	Net Weight	
	680 lb [308 kg]	
	Ship Dimensions (L x W x H)*	Ship Weight*
CTP7-20	56" x 49" x 65" [1422mm x 1245mm x 1651mm]	727 lb [330 kg]

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



- Top:** 20" [508mm] for air movement
 - Left:** 0" [0mm]
 - Right:** 0" [0mm] Non-combustible surfaces
2" [51mm] combustible surfaces or door swing
 - Bottom:** 5-1/8" [130mm] for legs, air intake
 - Back:** 4" [102mm]
4-5/16" [109mm] optional plumbing kit
- Applies to individual and stacked configurations.



- Oven must be installed level.
- Water supply shut-off valve and back-flow preventer when required by local code.



Heat of rejection	Heat Gain	Heat Gain
CTP7-20E	qs, BTU/hr	qs, kW
	1,305	0.38



Maximum temperature: 575°F [302°C]

CTP7-20 (Marine)



Noise emissions

A maximum 67 dBA was measured at 3.3 ft (1 m) from unit as tested on CTP10-20E.

NOISE



ELECTRIC

With CombiSmoker®

CTP7-20 (Marine)	V	Ph	Hz	Awg	ECO Standard			Connection
					A	Breaker	kW	
440-480V	440	3	50/60	8	21.9	30	16.2	L1, L2, L3, G
	480	3	50/60	8	23.8	30	19.2	L1, L2, L3, G

Electrical connections must meet all applicable federal, state, and local codes. No cord, no plug, dedicated circuit required.



WATER

Water requirements (per oven)

- Two cold water inlets - drinking quality
- One treated water inlet: 3/4" NPT connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static [200-600 kPa] at a minimum flow rate of 0.26 gpm [1 L/min].
- One untreated water inlet: 3/4" NPT connection. Line pressure 30 psi minimum dynamic and 90 psi maximum static [200-600 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 OptiPure [www.optipurewater.com] products to properly treat your water.

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



CLEARANCE

Clearance requirements for water filtration systems

Do not install a water filtration system behind unit.

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