

# Combitherm® CTP6-10G

## Gas Boiler-free

ALTO-SHAAM

Combining multiple cooking functions into a single appliance, Combitherm® ovens provide endless versatility, reliability and unmatched performance. An all-in-one solution for efficient and consistent food production. Combitherm ovens do the work of a convection oven, kettle, steamer, fryer, smoker and more. Execute every dish, no matter how simple or complex, faster than ever with flawless precision and consistency.



CTP6-10G

### Standard features

- Four cooking modes—steam, convection, combination, and retherm
- Programmable, touchscreen control
- Easy recipe upload/download via USB port
- Five fully automated cleaning cycles
- Front-accessible and retractable rinse hose
- LED illuminated door handle is designed for the needs of the busy kitchen, and provides visual notification of the oven status
- Absolute Humidity Control™ allows for selection any humidity level from 0-100% to maximize food quality, texture, and yield
- CoolTouch3™ triple panel glass door keeps the heat inside, while keeping the glass cool to the touch and providing 15% greater thermal retention to improve performance and efficiency
- SafeVent™ provides automatic steam venting at the end of the cooking cycle



- 7** Seven full-size or GN 1/1 pans, seven half-size sheet pans; one row deep
- 2** Two side racks with seven non-tilt support rails; 11-3/4" [298mm] horizontal width between rails, 2-3/4" [70mm] vertical spacing between rails
- 72 lb [33 kg] product maximum
- 45 quarts [57 liters] volume maximum
- Three [3] shelves included. Additional wire shelves required for maximum capacity.



This oven complies with UL 710B, section 17

COA #5760

### Configurations (select one)

#### Door swing

- Right hinged
- Recessed door, optional; increases oven width by 5" [127mm]

#### Electrical

- 120V 1ph
- 208-240V 1ph
- 208-240V 3ph
- 380-415V 3ph

#### Gas type

- Natural
- Propane

### Accessories (select all that apply)

- CombiLatch™
- Stacking hardware
- Seismic feet package, optional
- Smoking feature, including one-step cold smoking [not available on units with security devices]
- Extended one-year warranty
- Automatic grease collection system, includes four 6-piece, self-trussing poultry racks #5014438, interior drip collection pan, and grease collection container with shut off valve

### Cleaning

- Automatic tablet-based cleaning system, standard
- Automatic liquid cleaning system, optional

### Probe choices

- Removable, single-point, quick-connect core temperature probe, standard
- Removable, single-point, quick-connect sous vide temperature probe, optional
- Hard-wired, multi-point core temperature probe, optional [factory only installed]

### Security devices for correctional facility use

- Optional base package [not available with recessed door]: includes tamper-proof screw package, excludes temperature probe
- Anti-entrapment device, optional
- Control panel security cover, optional
- Hasp door lock [padlock not included], optional
- Removable, single-point, quick-connect core temperature probe, optional

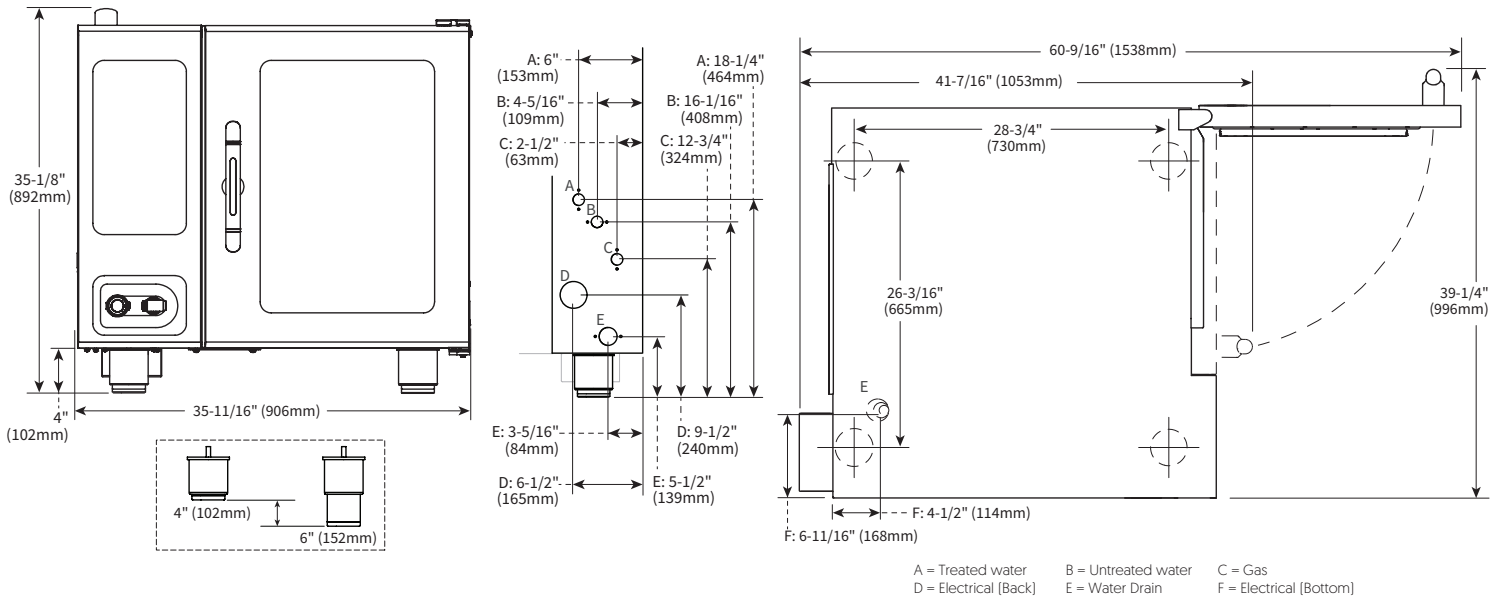
### Installation options (select one)

- 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

# Combitherm® CTP6-10G



## Specification



### DIMENSIONS

**Model**  
CTP6-10G

**Exterior (H x W x D)**  
 35-1/8" x 35-11/16" x 41-7/16" [892mm x 906mm x 1053mm]  
**Exterior with recessed door (H x W x D)**  
 35-1/8" x 40-11/16" x 41-7/16" [892mm x 1033mm x 1053mm]

**Interior (H x W x D)**  
 20-1/2" x 16-1/4" x 28-1/16" [520mm x 411mm x 712mm]  
**Net Weight**  
 524 lb [238 kg]

**Ship Dimensions (L x W x H)\***  
 CTP6-10G 56" x 45" x 51" [1422mm x 1143mm x 1295mm]

**Ship Weight\***  
 590 lb [268 kg]

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



### CLEARANCE

- Top: 20" [508mm]
- Left: 0" [0mm]
- Right: 0" [0mm] Non-combustible surfaces  
2" [51mm] combustible surfaces
- Bottom: 5-1/8" [130mm]
- Back: 4" [102mm]
- 4-5/16" [109mm] optional plumbing kit



### CHECK FIRST

- Oven must be installed level.
- Water supply shut-off valve and back-flow preventer when required by local code.
- Hood installation is required.
- Drain must not be located directly underneath the appliance.

# Combitherm® CTP6-10G



## Heat of rejection

CTP6-10G	Heat Gain qs, BTU/hr	Heat Gain qs, kW	Heat Gain qs, Mj/hr
	269	0.08	33.8



## Noise emissions

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



CTP6-10G	V	Ph	Hz	Awg (mm <sup>2</sup> )	ProPower™ Standard			With CombiSmoker® Option			Connection	Certification
					A	Breaker	kW	A	Breaker	kW		
† 120V**	120	1	60	12 [3.31]	6.8	20	.84	12.0	20	1.5	L1, L2/N, G	
† 208-240V	208	1*	50/60	14 [2.08]	4.8	15	1.0	7.3	15	1.5	L1, L2/N, G	
	240	1*	50/60	14 [2.08]	4.2	15	1.0	7.1	15	1.7	L1, L2/N, G	
† 208-240V	208	3	50/60	14 [2.08]	4.8	15	1.0	7.3	15	1.5	L1, L2, L3, G	
	240	3	50/60	14 [2.08]	4.2	15	1.0	7.1	15	1.7	L1, L2, L3, G	
	380-415V	3	50/60	14 [2.08]	4.6	15	1.0	7.2	15	1.6	L1, L2, L3, N, G	
	415	3	50/60	14 [2.08]	4.2	15	1.0	7.1	15	1.7	L1, L2, L3, N, G	

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

\* Electrical service charge applies

\*\* Ground fault or residual current protection device must accommodate a leakage current of 20mA.

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



## 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
Chlorine	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 requirements for water filtration system

Do not install a water filtration system behind unit.



**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	Minimum Inlet Pressure Inches WC	Maximum Fuel Consumption*	
					CFH	GPH
Natural Gas	48,000	32,000	14.0	5.5	45.7	N/A
Propane				9.0	19.2	0.5

\*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.

AGA Marked Appliances	Maximum Input MJ/h	Minimum Input MJ/h	Maximum Inlet Pressure kPa	Minimum Inlet Pressure kPa	Maximum Fuel Consumption	
					m <sup>3</sup> /h	L/h
Natural Gas	50.6	33.8	3.48	1.13	1.3	N/A
Propane				2.75	0.5	2.0

CE Marked Appliances	Maximum Input		Minimum Input		Nominal Gas Pressure mbar	Maximum Gas Pressure mbar	Maximum Fuel Consumption m <sup>3</sup>
	kWh (Hs)	kWh (Hi)	kWh (Hs)	kWh (Hi)			
2E (G20)	14.1	12.7	12.5	11.3	20	50	1.3
2LL (G25)					20		1.6
3P (G31)	13.8	12.7	12.2	11.3	37		0.5
3B/P (G30)					29		0.5

## 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)