



TORNADO 2™

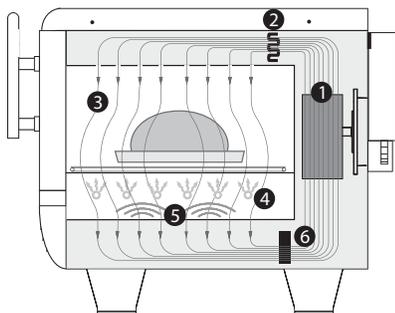


PERFORMANCE

The Tornado 2™ oven evenly and consistently toasts, browns, and crisps food up to twelve times faster than traditional cooking methods, resulting in a high level of throughput without compromising quality.

VENTILATION

- UL 710B (KNLZ) listed for ventless operation.†
- EPA 202 test (8 hr):
 - Product: Pepperoni Pizzas
 - Results: 0.21 mg/m³
 - Ventless Requirement: <5.00 mg/m³
- Internal catalytic filtration to limit smoke, grease, and odor emissions.



1. Blower Motor
2. Impingement Heater
3. Impinged Air
4. Bottom Browning Element
5. Microwave Bursts
6. Catalytic Converter

Project _____

Item No. _____

Quantity _____

EXTERIOR CONSTRUCTION

- Stainless steel exterior with powder-coated side panels
- 4" (102 mm) legs
- Cool to the touch pull down door with microwave seal

INTERIOR CONSTRUCTION

- 304 stainless steel interior
- Fully insulated cook chamber
- Removable / variable cooking surfaces
- Exposed bottom browning element

STANDARD FEATURES

- Integral recirculating catalytic converter for UL 710B (KNLZ) listed ventless operation
- Variable-speed High h recirculating impingement airflow system
- Variable cooking surfaces (racks, stones, and platters)
- Independently-controlled bottom browning element
- Smart Voltage Sensor Technology* (U.S. only)
- Smart menu system capable of storing up to 128 recipes
- Built-in self-diagnostics for monitoring oven components and performance
- Stackable design (requires stacking kit)
- Manual snooze mode
- Includes plug and cord (6 ft. nominal)
- Smart card compatible
- Warranty – 1 year parts and labor

COMES WITH STANDARD ACCESSORIES

- 1 Aluminum Paddle (NGC-1478)
- 1 Bottle Oven Cleaner (103180)
- 1 Bottle Oven Guard (103181)
- 2 Trigger Sprayers (103182)
- 2 Non-stick Baskets (100011)



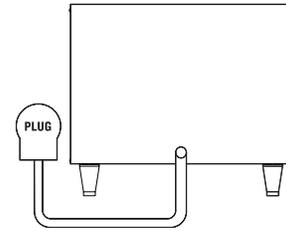
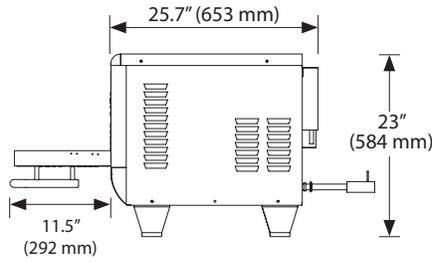
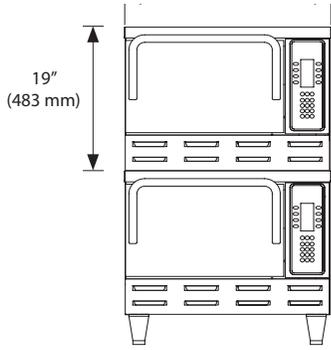
This product conforms to the ventilation recommendations set forth by NFPA96 using EPA202 test method.

* Smart Voltage Sensor Technology does not compensate for lack of or over voltage situations. It is the responsibility of the owner to supply voltage to the unit according to the specifications on the back of this sheet.

† Ventless certification is for all food items except for foods classified as "fatty raw proteins." Such foods include bone-in, skin-on chicken, raw hamburger meat, raw bacon, raw sausage, steaks, etc. If cooking these types of foods, consult local HVAC codes and authorities to ensure compliance with ventilation requirements.

Ultimate ventless allowance is dependent upon AHJ approval, as some jurisdictions may not recognize the UL certification or application. If you have questions regarding ventless certifications or local codes please email ventless.help@turbochef.com

TurboChef reserves the right to make substitutions of components or change specifications without prior notice.



DIMENSIONS		
Single Units		
Height	19"	483 mm
on legs	23"	584 mm
Width	26"	660 mm
Depth	25.7"	653 mm
with handle	28.45"	723 mm
Weight	190 lb.	86 kg
Stacked Units (Stacking Kit Required)		
Height	38"	965 mm
Width	26"	660 mm
Depth	25.7"	653 mm
with handle	28.45"	723 mm
Cook Chamber		
Height	8"	203 mm
Width	15.5"	394 mm
Depth	14.7"	373 mm
Volume	1.05 cu.ft.	29.9 liters
Wall Clearance (Oven not intended for built-in installation)		
Top	4"	102 mm
Sides	2"	51 mm
ELECTRICAL SPECIFICATIONS		
NORTH AMERICA (NGC-1280-1)		
Phase	1 Phase	
Voltage	208/240 VAC	
Frequency	60 Hz	
Current	30 amps	
Max Circuit Requirement	30 amps	
Plug/Cord	NEMA 6-30P; 1.5m, H07RN-F	
Max Input	5,990 watts (208) / 6,675 watts (240)	
Microwave Input Power	3,500 watts	
NGCBK (NGC-1280-1K-2020)		
Phase	1 Phase	
Voltage	220 VAC	
Frequency	60 Hz	
Current	30 amps	
Max Circuit Requirement	30 amps	
Plug	IEC 309, 3-pin, 32 amp	
Max Input	6,700 watts	
Microwave Input Power	3,500 watts	
EUROPE/ASIA-PACIFIC		
NGCEW (NGC-1280-1W for standard) NGCEW (NGC-1280-1W-2024 for Australia/New Zealand)* NGCKW (NGC-1280-1W-2004 for South Korea)**		
Phase	3 Phase	
Voltage	400 VAC	
Frequency	50 Hz or 60 Hz**	
Current	16 amps	
Max Circuit Requirement	20 amps	

Plug	IEC 309, 5-pin, 32 amp	
Max Input	10,500 watts	
Microwave Input Power	3,500 watts	
NGCED (NGC-1280-1D)		
Phase	3 Phase	
Voltage	230 VAC	
Frequency	50 Hz	
Current	30 amps	
Max Circuit Requirement	30 amps	
Plug	IEC 309, 4-pin, 32 amp	
Max Input	10,500 watts	
Microwave Input Power	3,500 watts	
NGCUK (NGC-1280-1K)		
Phase	1 Phase	
Voltage	230 VAC	
Frequency	50 Hz	
Current	30 amps	
Max Circuit Requirement	32 amps	
Plug	IEC 309, 3-pin, 32 amp	
Max Input	6,700 watts	
Microwave Input Power	3,500 watts	
JAPAN		
NGCJD - 50Hz/ 3 Phase (NGC-1280-1D-2005-1) NGCJD - 60Hz/ 3 Phase (NGC-1280-1D-2005-2) NGCJJK - 50Hz/ 1 Phase (NGC-1280-1K-2005-3) NGCJJK - 60Hz/ 1 Phase (NGC-1280-1K-2005-4)		
Phase	1 or 3 Phase	
Voltage	200 VAC	
Frequency	50 or 60 Hz	
Current	30 amps	
Max Circuit Requirement	30 amps	
Plug	PSE-marked, 3 or 4-blade, 30 amp	
Max Input	6,700 or 10,500 watts	
Microwave Input Power	3,500 watts	
SHIPPING INFORMATION		
U.S.: All ovens shipped within the U.S. are packaged in a double-wall corrugated box banded to a wooden skid. International: All International ovens shipped via Air or Less than Container Loads are packaged in wooden crates.		
Box size: 34" x 30" x 30" (864 mm x 762 mm x 762 mm) Crate size: 37" x 33" x 34" (940 mm x 838 mm x 864 mm) Item class: 85 NMFC #26770 HS code 8419.81		
Approximate boxed weight: 260 lb. (118 kg) Approximate crated weight: 320 lb. (145 kg)		
Minimum entry clearance required for box: 30.5" (775 mm) Minimum entry clearance required for crate: 33.5" (851 mm)		

*All AU-New Zealand ovens with clips allow for 5 pin plug.

TurboChef recommends installing a type D circuit breaker for all installations.

TurboChef Global Operations

4240 International Pkwy, Suite 105 / Carrollton, Texas 75007 USA
US: 800.90TURBO (800.908.8726) / International: +1 214.379.6000
Fax: +1 214.379.6073 / turbochef.com



THE HIGH h BATCH 2™



HIGH h BATCH 2™

Project _____

Item No. _____

Quantity _____

EXTERIOR CONSTRUCTION

- Stainless steel front, top, back, and powder-coated sides
- 4" (102 mm) matte black legs
- Ergonomic, cool to touch powder-coated door handle

INTERIOR CONSTRUCTION

- 304 stainless steel interior
- Watertight construction
- Interchangeable jetplates for customized cooking results

STANDARD FEATURES

- Integral recirculating catalytic converter for UL® 710B (KNLZ) listed ventless operation
- Variable-speed High h recirculating air impingement system
- Oscillating rack for high heat transfer without spotting
- Half-sheet pan/16-inch pizza capacity
- Smart Voltage Sensor Technology* (N.A. only)
- Stackable design (requires stacking kit)
- Smart menu system capable of storing up to 72 recipes
- Built-in self diagnostics for monitoring oven components and performance
- Includes plug and cord (5 ft.)
- Smart card compatible
- Warranty – 1 year parts and labor

COMES WITH STANDARD ACCESSORIES

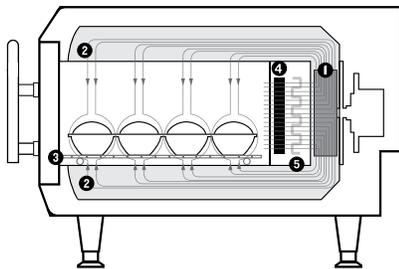
- 1 Aluminum Paddle (NGC-1478)
- 1 Bottle Oven Cleaner (103180)
- 1 Bottle Oven Guard (103181)
- 2 Trigger Sprayers (103182)
- 1 14x16 Teflon Screen (100018)

PERFORMANCE

- Heat transfer rates (h) are 3X-4X typical convection oven
- Heat transfer rates (h) are 2X typical conveyor oven
- The High h Batch 2 offers high quality, full baking capabilities up to 5X faster than traditional cooking equipment, achieving conveyor-type results in a compact size

VENTILATION

- UL 710B (KNLZ) listed for ventless operation.†
- EPA 202 test (8 hr):
 - Products: Pepperoni Pizzas
 - Results: 0.40 mg/m³
 - Ventless Requirement: <5.00 mg/m³
- Internal catalytic filtration to limit smoke, grease, and odor emissions.



1. Blower Motor
2. Impinged Air
3. Oscillating Rack
4. Catalytic Converter
5. Impingement Heater

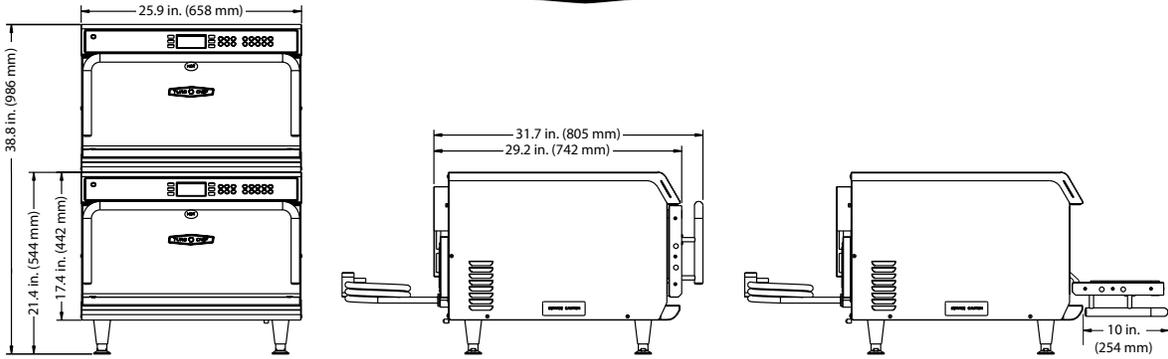
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DIMENSIONS		
Single Units		
Height	21.4"	544 mm
Width	25.9"	658 mm
Depth	29.2"	742 mm
with handle	31.7"	805 mm
Weight	157 lb.	71 kg
Stacked Units (Stacking Kit Required)		
Height	38.8"	986 mm
top unit with legs	42.8"	1087 mm
Width	25.9"	658 mm
Depth	29.2"	742 mm
with handle	31.7"	805 mm
Weight	314 lb.	142 kg
Cook Chamber		
Height	8"	203 mm
Width	18.75"	476 mm
Depth	16.75"	425 mm
Volume	1.45 cu. ft.	41.1 liters
Wall Clearance (Oven not intended for built-in installation)		
Top	2"	51 mm
Sides	2"	51 mm
ELECTRICAL SPECIFICATIONS		
UNITED STATES		
HHB2 (HHB-8603-1)		 NEMA 6-30P
Phase	1 Phase	
Voltage	208/240 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	24 / 30 amp	
Cord	10 gauge, 3 wire, 5 ft., SOOW	
Max Input	5000 watts	
CANADA		
HHB2C (HHB-8603-1C)		 NEMA 6-50P
Phase	1 Phase	
Voltage*	208/240 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	24 / 50 amp	
Cord	10 gauge, 3 wire, 5 ft., SOOW	
Max Input	5000 watts	

LATIN AMERICA		
HHB2LA (HHB-8603-1K-2073)		 NEMA 6-30P
Phase	1 Phase	
Voltage*	230 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	24 / 32 amp	
Cord	10 gauge, 3 wire, 5 ft., SOOW	
Max Input	5000 watts	
EUROPE/ASIA-PACIFIC		
HHB2EW (HHB-8603-1W)		 IEC 309 5-pin, 16 amp
Phase	3 Phase	
Voltage	400 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	10 / 16 amp	
Cord	HO7RN-F, 5 wire	
Max Input	5000 watts	
HHB2ED (HHB-8603-1D)		 IEC 309 4-pin, 32 amp
Phase	3 Phase	
Voltage	230 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	14 / 20 amp	
Cord	HO7RN-F, 4 wire	
Max Input	5000 watts	
HHB2UK (HHB-8603-1K)		 IEC 309 3-pin, 32 amp
Phase	1 Phase	
Voltage	230 VAC	
Frequency	50/60 Hz	
Current / Max Circuit Requirement	24 / 32 amp	
Cord	HO7RN-F, 3 wire	
Max Input	5000 watts	
SHIPPING INFORMATION		
U.S.: All ovens shipped within the U.S. are packaged in a double-wall corrugated box banded to a wooden skid.		
International: All International ovens shipped via Air or Less than Container Loads are packaged in wooden crates.		
Box size: 37" x 32" x 31" (940 mm x 813 mm x 787 mm)		
Crate size: To be determined		
Item class: 85 NMFC #26770 HS code 8419.81		
Approximate crated weight: To be determined		
Minimum entry clearance required for box: 31.5" (800 mm)		
Minimum entry clearance required for crate: To be determined		

TurboChef Global Operations
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