



# GRIDDLES & CLAMSHELL TWO-SIDED COOKING SOLUTIONS





## GRIDDLE BUYING GUIDE



### Lang 200/100 Series Griddles

Plate thickness	1"	Thermostat	Electric Snap-Action Solid State
Plate depth	23" 30" extra-deep	Options	Chrome Plate, Grooved Plate, 2-Sided Cooking Clamshells
Plate width	24-72"	Chose from plate depth options:	<b>23" DEEP</b> or <b>30" EXTRA-DEEP</b>
BTU/foot (gas)	27,000		
kW/foot (elec)	6.0		
Embedded	Yes		

#### 1" THICK PLATES

Griddle plate thickness helps drive surface temperature, performance, and consistency. 1" thick griddle plates will retain more heat for faster recovery, and allow thermostat probes to be mounted deep within the griddle plate resulting in improved performance.

#### PLATE DEPTH

Deeper griddle plates offer more cooking area and usable space. Balance your specific needs with size constraints in the kitchen. Different depths available on select model families

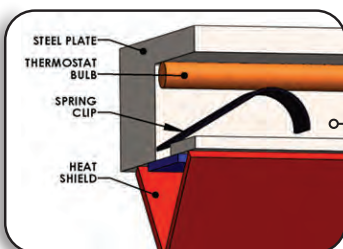
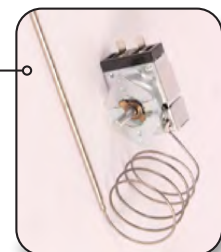
#### CHROME SURFACE

In addition to their exceptional mirror finish, chrome plates don't require seasoning with oil, clean up faster, reduce kitchen heat load, and nearly eliminate flavor transfer. 5 Year chrome surface warranty

## GRIDDLE THERMOSTAT GUIDE

#### ELECTRIC SNAP-ACTION THERMOSTAT

Electric powered controls cycle the burner completely ON-or-OFF as demanded by surface temperature changes. Temperature control ranges from 150-550°F for embedded probes with a surface temperature control  $\pm 15^\circ\text{F}$  to set point



#### EMBEDDED THERMOSTAT

Embedded thermostat reacts more quickly to changes on the cooking surface providing better performance than probes on the bottom of the plate

## 200 SERIES GAS GRIDDLES



236TC

### 200 SERIES GAS GRIDDLES

- 23" deep griddle plate
- Advanced burner design ensures precise griddle plate temperatures
- Controls every 12" for true zone cooking
- Clamshell 2-sided cooking options available
- 30" Extra-deep griddle plate options available  
Extra-deep models listed on next page

### LANG 200 SERIES GAS GRIDDLES 23" DEEP GRIDDLE PLATE

Series No.	ELECTRIC SNAP-ACTION Controls		SOLID STATE Controls		BTU <sup>1</sup>	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
	Griddle Type: <b>T</b> Polished Steel Plate	Griddle Type: <b>TC</b> CHROME Plate	Griddle Type: <b>S</b> Polished Steel Plate	Griddle Type: <b>SC</b> CHROME Plate							
224					54,000	23	24	30.4	16.40	280	85
236					81,000	23	36	30.4	16.40	420	85
248					108,000	23	48	30.4	16.40	520	85
260					135,000	23	60	30.4	16.40	635	85
272					162,000	23	72	30.4	16.40	800	85

1 - Specify Natural Gas or Propane and Elevation requirements when ordering.

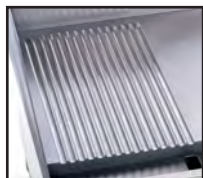
#### MODEL NAME =

Series No. + Griddle Type

Series No.	Griddle Type: <b>T</b> Polished Steel Plate	Griddle Type: <b>TC</b> CHROME Plate
224	<b>224T</b>	<b>224TC</b>

### CLAMSHELLS 2-SIDED COOKING SOLUTIONS

CLAMSHELLS FOR LANG  
200/100 (23" PLATE  
DEPTH)  
SERIES GRIDDLES ONLY



GROOVED  
GRIDDLE  
PLATE  
OPTION

## 200 SERIES EXTRA-DEEP GAS GRIDDLES



### 200 SERIES GAS GRIDDLES with 30" EXTRA-DEEP GRIDDLE PLATE

- 30" extra-deep griddle plate
- Advanced burner design ensures precise griddle plate temperatures
- Controls every 12" for true zone cooking

### LANG EXTRA-DEEP GAS GRIDDLES 30" DEEP GRIDDLE PLATE



Series No.	ELECTRIC SNAP-ACTION Controls		SOLID STATE Controls		BTU <sup>1</sup>	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
	Griddle Type: ZTD Polished Steel Plate	Griddle Type: ZTDC CHROME Plate	Griddle Type: ZSD Polished Steel Plate	Griddle Type: ZSDC CHROME Plate							
224					70,000	30	24	36.0	16.40	440	85
236					105,000	30	36	36.0	16.40	565	85
248					140,000	30	48	36.0	16.40	730	85
260					175,000	30	60	36.0	16.40	870	85
272					210,000	30	72	36.0	16.40	1020	85

1 - Specify Natural Gas or Propane and Elevation requirements when ordering

**MODEL NAME =**  
Series No. + Griddle Type

Series No.	Griddle Type: T Polished Steel Plate	Griddle Type: TC CHROME Plate
224	<b>224T</b>	<b>224TC</b>



### CLAMSHELLS - 2-SIDED COOKING SOLUTIONS

CLAMSHELLS FOR LANG 200/100 (23" PLATE DEPTH) SERIES GRIDDLES ONLY

## 100 SERIES ELECTRIC GRIDDLES



236TC

### 100 SERIES ELECTRIC GRIDDLES

- 23" deep griddle plate
- Advanced burner design ensures precise griddle plate temperatures
- Controls every 12" for true zone cooking
- Clamshell 2-sided cooking options available
- 30" Extra-deep griddle plate options available  
Extra-deep models listed on next page

### ⚡ LANG 100 SERIES ELECTRIC GRIDDLES 23" DEEP GRIDDLE PLATE

Series No.	SNAP-ACTION Controls		SOLID STATE Controls		kW 208V, 240V, or 480V <sup>2</sup>	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
	Griddle Type: <b>T</b> Polished Steel Plate	Griddle Type: <b>TC</b> CHROME Plate	Griddle Type: <b>S</b> Polished Steel Plate	Griddle Type: <b>SC</b> CHROME Plate							
124					12.0	23	24	28.20	15.00	280	85
136					18.0	23	36	28.20	15.00	420	85
148					24.0	23	48	28.20	15.00	520	85
160					30.0	23	60	28.20	15.00	635	85
172					36.0	23	72	28.20	15.00	800	85

GROOVED GRIDDLE PLATE Option - Specify FULLY grooved, LEFT or RIGHT orientation.

2 - Specify 208V, 240V or 480V service. 480V not available on all models. The units will be shipped ready to hard-wire

**MODEL NAME =**  
Series No. + Griddle Type

Series No.	Griddle Type: <b>T</b> Polished Steel Plate	Griddle Type: <b>TC</b> CHROME Plate
124	<b>124T</b>	<b>124TC</b>



### CLAMSHELLS - 2-SIDED COOKING SOLUTIONS

CLAMSHELLS FOR LANG  
200/100 (23" PLATE DEPTH)  
SERIES GRIDDLES ONLY

## 100 SERIES EXTRA-DEEP ELEC. GRIDDLES



236TC

### 100 SERIES ELECTRIC GRIDDLES with **30" EXTRA-DEEP GRIDDLE PLATE**

- 30" extra-deep griddle plate
- Advanced burner design ensures precise griddle plate temperatures
- Controls every 12" for true zone cooking

### ⚡ LANG EXTRA-DEEP ELECTRIC GRIDDLES 30" DEEP GRIDDLE PLATE



Series No.	SNAP-ACTION Controls		SOLID STATE Controls		kW 208V or 240V	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
	Griddle Type: <b>ZTD</b> Polished Steel Plate	Griddle Type: <b>ZTDC</b> CHROME Plate	Griddle Type: <b>ZSD</b> Polished Steel Plate	Griddle Type: <b>ZSDC</b> CHROME Plate							
136					18.0	30	36	36.0	15.00	420	85
148					24.0	30	48	36.0	15.00	520	85
160					30.0	30	60	36.0	15.00	635	85
172					36.0	30	72	36.0	15.00	800	85

2 - Built for 208V service, field modified for 240V service. The units will be shipped ready to hard-wire

#### MODEL NAME =

Series No. + Griddle Type

Series No.	Griddle Type: <b>ZTD</b> Polished Steel Plate	Griddle Type: <b>ZTDC</b> CHROME Plate
136	<b>136ZTD</b>	<b>136ZTDC</b>



# CLAMSHELL 2-SIDED COOKING

## CLAMSHELL 2-SIDED COOKING SOLUTIONS

**OPTIONS for LANG 200/100 SERIES GRIDDLES (23" PLATE DEPTH ONLY)**

### CCSE12A\* CONTACT CLAMSHELL

The Contact Clamshell delivers high power cooking from both sides. This griddle innovation slashes cooking time with no flipping required! Ideal for burgers, chicken and other uniform thickness proteins



CCSE12A

### CSG24 GAS INFRARED CLAMSHELL

24" wide gas infrared elements activate when the hood is lowered, this adds a broiled flavor profile. Exceptional for high-volume protein cooking. 3-in clearance for irregular-shaped products





CSG24

OR

\* CCSE12A clamshell not available on 60" & 72" wide griddle models

## CONTACT & RADIANT CLAMSHELL COOK TIMES

	 <b>HAMBURGER PATTY</b> Quarter lb. frozen			<b>CHICKEN BREAST</b>  Slack 6 oz.		
	Griddle	Griddle with <b>CONTACT</b> Clamshell	Griddle with <b>RADIANT</b> Clamshell	Griddle	Griddle with <b>CONTACT</b> Clamshell	Griddle with <b>RADIANT</b> Clamshell
<b>TOTAL COOK TIME</b>	8 min.	3:45 min.	4 min.	10 min.	3:30 min.	5 min.
<b>TIME per each SIDE</b>	4 min.	-	2 min.	5 min.	-	2:30 min.
<b>internal TEMP.</b>	160°F+	160°F+	160°F+	160°-170°F	160°-170°F	160°-170°F

Flat Griddle & Clamshells @ 350°F



# CLAMSHELL 2-SIDED COOKING

## CLAMSHELL 2-SIDED COOKING SOLUTIONS

CLAMSHELLS for 200/100 SERIES (23" PLATE DEPTH GRIDDLES) ONLY



### LANG GAS & ELECTRIC CLAMSHELL 2-SIDED COOKING SOLUTIONS

Series No.	Description		Watts <sup>1</sup> 208V or 240V	Width [in.]	Depth [in.]	Height <sup>3</sup> [in.]	Installed Wt. [lb.]
CCSE12	12" ELECTRIC CONTACT CLAMSHELL		4,200	11	23.00	26.40	100
Series No.	Description		BTU <sup>2</sup>	Width [in.]	Depth [in.]	Height <sup>3</sup> [in.]	Installed Wt. [lb.]
CSG24	24" GAS INFRARED CLAMSHELL		24,000	23.10	28.20	50.10	125
1 - Specify 208V or 240V service. All units must be hard-wired at installation for 1-phase or 3-phase service.							
2 - Specify Natural Gas, Propane Gas or Elevation requirements when ordering. Utilizes 120V/60Hz/0.5kW electrical connection.							
3 - Height is measured off the griddle surface, and at maximum incline							
CCSE12-10NS	NON-STICK SHEET KIT (for CCSE12A CLAMSHELL) - 10 SHEETS INCLUDED						

### LANG CLAMSHELL MOUNTING FRAMES

GRIDDLE WIDTH	24" Wide	36" Wide	48" Wide
FRAME MODEL for 12" ELECTRIC CONTACT CLAMSHELLS	CCSE12AMG-24	CCSE12AMG-36	CCSE12AMG-48

GRIDDLE WIDTH	24" Wide	36" Wide	48" Wide	60" Wide	72" Wide
FRAME MODEL for 24" GAS CLAMSHELLS	CSG24MG-24	CSG24MG-36	CSG24MG-48	CSG24MG-60	CSG24MG-72
Installed weight [lb.]	35	53	70	88	105

### CONFIGURING YOUR CLAMSHELL

- Step 1 Select your griddle - gas or electric
- Step 2 Add the frame required for clamshell mounting
- Step 3 Select the type and number of clamshells needed
- Step 4 Specify location of each clamshell on your griddle
- Step 5 Add up costs & weights to arrive at final specification

The addition of Clamshell hoods increases the weight of the final griddle system and may exceed the weight rating of many basic kitchen stands, including those sold by Star

Clamshells cannot be installed on extra-deep griddles  
Clamshells only available on Lang 100 & 200 series griddles



# BUILT-IN/DROP-IN GRIDDLES

## 100 SERIES DROP-IN ELECTRIC GRIDDLES



148TDI



### 100 SERIES BUILT-IN/DROP-IN ELECTRIC GRIDDLES

- 26.8" deep built-in/drop-in griddle plate
- Full-Parameter stainless steel top mounting flange
- Heating elements (incoloy sheathed) for long life
- Elements are pressure clamped to bottom of griddle plate for more even heating
- Recessed control panel protects controls
- Accurate temperature control between 175-450°F

### LANG 100 SERIES ELECTRIC BUILT-IN/DROP-IN GRIDDLES

SNAP-ACTION Controls				Top-Rough Opening		Overall Unit			Ship Wt. [lb.]	Freight Class
Series No.	Type: TDI Polished Steel Plate	Description	kW 208/240V, or 480V <sup>2</sup>	Plate Depth [in.]	Plate Width [in.]	Unit Depth [in.]	Unit Width [in.]	Unit Height [in.]		
136TDI		36" Drop-In Griddle (3) controls	18.0	26.8	36.8	28.5	38.4	11.1	435	85
148TDI		48" Drop-In Griddle (4) controls	24.0	26.8	48.8	28.5	50.4	11.1	473	85
160TDI		60" Drop-In Griddle (5) controls	30.0	26.8	60.8	28.5	62.4	11.1	688	85

2 - Specify 208V, 240V or 480V service. 480V not available on all models. The units will be shipped ready to hard-wire