



COUNTERTOP COOKING EQUIPMENT

GRIDDLES • CHARBROILERS • HOT PLATES • FRYERS

Star and Toastmaster griddles, charbroilers, hot plates, and fryers are designed to stand up to the demands of constant use, high-volume operations, and repeated heat-up and cool-down cycles.

Fryers

Star Star-Max

Hot Plates

Star Ultra-Max
Star Star-Max
Toastmaster

Griddles

Star Ultra-Max
Star Star-Max
Toastmaster

Charbroilers

Star Ultra-Max
Star Star-Max
Toastmaster





GRIDDLES

HEAVY-DUTY GRIDDLE BUYING GUIDE



STAR-MAX 624



ULTRA-MAX 860MA

Star Ultra-Max Griddles

Plate thickness **1"**
 Plate depth **24"**
 Plate width **24-72"**
 BTU/foot (gas) **30,000**
 kW/foot (elec) **4.35**
 Embedded **Yes**

Thermostat (gas) **Mechanical Snap-Action**
 Thermostat (electric) **Electric Snap-Action**
 Set temperature **+/-15°F**
 Chrome option **Yes**



Star Star-Max Griddles

Plate thickness **1"**
 Plate depth **20 1/2"**
 Plate width **15-48"**
 BTU/foot (gas) **28,300**
 kW/foot (elec) **3.0(208V) 4.0(240V)**
 Embedded **Yes**

Thermostat (gas) **Modulating**
 Thermostat (electric) **Electric Snap-Action**
 Set temperature **+/-30°F**
 Chrome option **Yes**



Toastmaster Griddles

Plate thickness **3/4"**
 Plate depth **20 1/2"**
 Plate width **24-48"**
 BTU/foot (gas) **20,000**
 kW/foot (elec) **3.0(208V) 4.0(240V)**
 Embedded **No**

Thermostat (gas) **Modulating**
 Thermostat (electric) **Electric Snap-Action**
 Set temperature **+/-40°F**
 Chrome option **No**



TM TMGM36



GRIDDLE FEATURES

1" & 3/4" THICK PLATES Griddle plate thickness drives surface temperature, performance, and consistency. 1" thick griddle plates will retain more heat for faster recovery. 1" thick plates allow the thermostat probes to be mounted deep within the griddle plate, resulting in improved performance. Our heavy-duty 3/4" griddle plate models have bottom-mounted temperature probes

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



CHROME SURFACE In-addition to the exceptional mirror finish of chrome, our chrome plates don't require seasoning with oil, they clean up faster. Wait, there's more ... chrome notably reduces kitchen heat load, and chrome nearly eliminates flavor transfer!

OPTIMAL PERFORMANCE + EASY CLEAN UP

GRIDDLE THERMOSTATS

MECHANICAL SNAP-ACTION THERMOSTAT

MECHANICAL controls cycle the griddle burner completely ON-or-OFF as demanded by griddle surface temperature changes. Controls are heat, water and grease resistant, with no power required. Temperature control ranges from 150°F-550°F for embedded probes with a surface temperature control $\pm 15^\circ\text{F}$ to set point



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°F-450°F for embedded probes with a surface temperature control $\pm 15^\circ\text{F}$ to set point



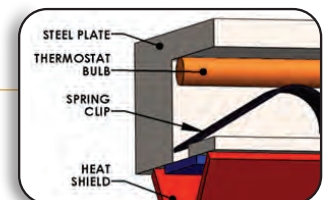
MODULATING THERMOSTAT

MECHANICAL diaphragm and probe controls the burner. Controls are heat, water and grease resistant, and require no power. Temperature control ranges from 150°F-450°F for embedded probes with a surface temperature control $\pm 30^\circ\text{F}$ to set point, $\pm 40^\circ\text{F}$ for bottom mounted



EMBEDDED THERMOSTAT

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





GRIDDLES



ULTRA-MAX GRIDDLES

UltraMax



824MA



760TA



STAR ULTRA-MAX GAS MANUAL & EMBEDDED SNAP-ACTION GRIDDLES

MANUAL		MECHANICAL Snap-Action Thermostat								
Series No.	Griddle Type: MA Polished Steel Plate	Griddle Type: TA Polished Steel Plate	Griddle Type: TCHSA CHROME Plate	BTU	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
824				60,000	24	24	32.38	18.00	300	85
836				90,000	24	36	32.38	18.00	435	85
848				120,000	24	48	32.38	18.00	520	85
860				150,000	24	60	32.38	18.00	656	85
872				180,000	24	72	32.38	18.00	780	85
Specify Natural Gas or Propane and Elevation requirements when ordering										

STAR ULTRA-MAX ELECTRIC EMBEDDED SNAP-ACTION GRIDDLES

ELECTRIC Snap-Action Thermostat

Series No.	Griddle Type: TA Polished Steel Plate	Griddle Type: TCHSA ² Chrome Plate	Watts ¹ 208V or 240V	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
724			8,700	24	24	33.69	18.00	220	85
736			13,050	24	36	33.69	18.00	330	85
748			17,400	24	48	33.69	18.00	440	85
760			21,750	24	60	33.69	18.00	550	85
772			26,100	24	72	33.69	18.00	660	85
1 - Specify 208V or 240V service. All units must be hard-wired at installation for 1-phase or 3- phase service									
2 - TCHSA models - chrome only available in 240V for the 760TCHSA & 772TCHSA									

MODEL NAME FORMULA

MODEL NAME = Series No. + Griddle Type

Series No.	Griddle Type: MA Polished Steel Plate	Griddle Type: TA Polished Steel Plate
824	824MA	824TA



836MA



GRIDDLES



STAR-MAX GRIDDLES



STAR-MAX MANUAL & EMBEDDED THERMOSTATIC GAS GRIDDLES

Series No.	MANUAL	EMBEDDED Modulating Thermostat		EMBEDDED Modulating Thermostat w/ Pilot Safety	BTU ¹
	Griddle Type: MF Polished Steel Plate	Griddle Type: TF Polished Steel Plate	Griddle Type: TCHSF CHROME Plate	Griddle Type: TSPF Polished Steel Plate	
615			-	-	28,300
624					56,600
636					84,900
648					113,200
1 - All units ship for Natural Gas service. Propane conversion kits included					



Stand options on page 12

STAR-MAX SNAP-ACTION ELECTRIC GRIDDLES

Series No.	Griddle Type: TGF Polished Steel Plate	Griddle Type: CHSF CHROME Plate	Watts ² 208V/240V
515		-	3,000/4,000
524			6,000/8,000
536			9,000/12,000
548			12,000/16,000
2 - 208/240V service for all models		All units must be hard-wired at installation for 1-phase & 3-phase service	



524TGF



Stand options on page 12

STAR-MAX GRIDDLE SPECIFICATIONS

Series No.	Plate Depth [in.]	Width [in.]	Gas Unit Depth [in.]	Electric Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
615 / 515	20.5	15	29.00	27.88	15.5	126	85
624 / 524	20.5	24	29.00	27.88	15.5	186	85
636 / 536	20.5	36	29.00	27.88	15.5	250	85

MODEL NAME FORMULA

MODEL NAME = Series No. + Griddle Type

Series No.	Griddle Type: TGF Polished Steel Plate
515	515TGF
524	524TGF



GRIDDLES



TOASTMASTER GRIDDLES



TMGM36



TOASTMASTER MANUAL & THERMOSTATIC GRIDDLES - GAS & ELECTRIC

Series No.	MANUAL GAS	MODULATING GAS Thermostat	BTU ¹	ELECTRIC Griddle w/ SNAP-ACTION Thermostat	Watts 208V/240V	Plate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
	Griddle Type: TMGM Polished Steel Plate	Griddle Type: TMGT Polished Steel Plate		Griddle Type: TMGE Polished Steel Plate							
24			40,000		6,000/8,000	20.5	24	27.81	15.50	158	85
36			60,000		9,000/12,000	20.5	36	27.81	15.50	236	85
48			80,000		12,000/16,000	20.5	48	27.81	15.50	315	85

1 - All gas units ship for Natural Gas service. Propane conversion kits included

2 - All 208/240V units must be hard-wired at installation for 1-phase or 3-phase service

MODEL NAME FORMULA

MODEL NAME = Griddle Type + Series No.

Series No.	Griddle Type: TMGM Polished Steel Plate	Griddle Type: TMGT Polished Steel Plate
24	TMGM24	TMGT24



EQUIPMENT STANDS & ULTRA-MAX PLATE SHELVES

HEAVY-DUTY EQUIPMENT STANDS with CASTERS

Model No.	Price F.O.B Smithville, TN	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
STAND/HC-24		24.00	30.00	24.00	25	85
STAND/HC-36		36.00	30.00	24.00	68	85
STAND/HC-48		48.00	30.00	24.00	88	85
STAND/HC-60		60.00	30.00	24.00	105	85
STAND/HC-72		72.00	30.00	24.00	122	85

7-INCH PLATE SHELF for Ultra-Max Griddles/Charbroilers

Unit Size	Model No.	7" Plate Shelf	Ship Wt. [lb.]	Freight Class
24"	UMSA24		6	85
36"	UMSA36		9	85
48"	UMSA48		12	85
60"	UMSA60		13	85
72"	UMSA72		16	85

CHARBROILER BUYING GUIDE

RADIANT & LAVA ROCK MODELS



ULTRA-MAX 8172RCBB

Star **Ultra-Max** Charbroilers

Radiant & Lava Rock

Burner mat'l **Cast iron**
 Burners/foot **2**
 BTU/foot **40,000**
 Radiant mat'l **Steel alloy**
 Grate depth **25¹/₄"**

Unit width options
24", 36", 48", 60", 72"

7" Shelf accessory available
 for Ultra-Max charbroilers



ULTRA-MAX 8024CBB

Star **Star-Max** Charbroilers

Radiant & Lava Rock

Burner mat'l **Cast iron**
 Burners/foot **1**
 BTU/foot (gas) **40,000**
 kW/foot (elec) **3.3**
 Radiant mat'l **Stainless steel**
 Grate depth **20³/₁₀"**

Unit width options
15", 24", 36", 48"



STAR-MAX 6136RCBF

Toastmaster **Charbroilers**

Radiant & Lava Rock

Burner mat'l **Steel Tube**
 Burners/foot **1**
 BTU/foot **30,000**
 Radiant mat'l **Stainless steel**
 Grate depth **20³/₁₀"**

Unit width options
24", 36", 48"



TM TMRC24

CHARBROILER FEATURES

STEEL TUBE BURNER

Tubular steel burners offer excellent and reliable performance at an economical price. Available in Toastmaster charbroilers, models have one (1) burner per 12"



CAST IRON GRATES

All Star and Toastmaster charbroilers come with heavy-duty cast iron grates. Incline or lay flat to optimize your cooking surface



CAST IRON BURNER

Cast Iron burners are ten times heavier & thicker than sheet metal burners, cast iron burners offer performance and durability in the most corrosive kitchen environments.

- One (1) burner per 12" for Star-Max models
- Two (2) burners per 12" for Ultra-Max models

RADIANT STYLE

Charbroiler radiants protect the burners from debris and they ensure a more uniform temperature profile. Star-Max and Toastmaster heavy gage sheet metal radiants can last for years, and the uniquely durable Lang and Ultra-Max steel alloy radiants may last the life of your charbroiler



LAVA ROCK

Lava rocks function as a radiant for the entire burner array and diffuse the heat generated by the burners effectively. Cooking surface temperature profiles can be modified by positioning the rock, and flavor profiles may vary depending on use



ULTRA-MAX 8148RCBB





UltraMax

ULTRA-MAX CHARBROILERS



ULTRA-MAX 8148RCBB

STAR ULTRA-MAX RADIANT & LAVA ROCK GAS CHARBROILERS

RADIANT CHARBROILERS		LAVA ROCK CHARBROILERS		BTU ¹	Grate Depth [in.]	Width [in.]	Unit Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
8124RCBB		8024CBB		80,000	24	24	30.63	18.00	260	85
8136RCBB		8036CBB		120,000	24	36	30.63	18.00	350	85
8148RCBB		8048CBB		160,000	24	48	30.63	18.00	438	85
8160RCBB		8060CBB		200,000	24	60	30.63	18.00	543	85
8172RCBB		8072CBB		240,000	24	72	30.63	18.00	665	85
				1 - Specify Natural Gas or Propane when ordering.						
High elevation construction available at no charge. Specify when ordering.										



ULTRA-MAX 8136RCBB



CHARBROILERS



STAR-MAX CHARBROILERS



STAR-MAX 6136RCBF



STAR-MAX RADIANT & LAVA ROCK GAS CHARBROILERS

RADIANT CHARBROILERS		LAVA ROCK CHARBROILERS		BTU ¹	Grate Depth [in.]	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
6115RCBF		6015CBF		40,000	21	15	25.75	15.50	121	85
6124RCBF		6024CBF		80,000	21	24	25.75	15.50	186	85
6136RCBF		6036CBF		120,000	21	36	25.75	15.50	290	85
6148RCBF		6048CBF		160,000	21	48	25.75	15.50	350	85
All prices F.O.B Smithville, TN				1 - All units ship for Natural Gas service. Propane conversion kits included						



STAR-MAX 5124CF

STAR-MAX RADIANT ELECTRIC CHARBROILERS

Model	Volts	Watts ²	Grate Depth [in.]	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class	
5124CF	208 240	6,600	21	24	25.63	14.25	129	85	
5136CF	208 240	9,900	21	36	25.63	14.25	186	85	
2 - Specify 208V or 240V			All units must be hard-wired at installation 1-phase or 3-phase service						



CHARBROILERS



TOASTMASTER CHARBROILERS



TM TMLC36

TOASTMASTER RADIANT & LAVA ROCK GAS CHARBROILERS



RADIANT CHARBROILERS		LAVA ROCK CHARBROILERS		BTU ¹	Grate Depth [in.]	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
TMRC24		TMLC24		60,000	21	24	25.75	15.50	186	85
TMRC36		TMLC36		90,000	21	36	25.75	15.50	290	85
TMRC48		TMLC48		120,000	21	48	25.75	15.50	350	85
All prices F.O.B Smithville, TN				1 - All units ship for Natural Gas service. Propane conversion kits included						



TM TMRC24



TM TMLC48



ULTRA-MAX HOT PLATES

UltraMax



804HA



806HA

 **STAR ULTRA-MAX
GAS HOT PLATES**

Ultra-Max Hot Plates feature 30,000 BTU cast iron burners and heavy-duty cast iron grates



Model No.	Price F.O.B Smithville, TN	No. Burners	BTU'	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
802HA		2	60,000	12	30.63	14.88	108	85
804HA		4	120,000	24	30.63	14.88	194	85
806HA		6	180,000	36	30.63	14.88	219	85
808HA		8	240,000	48	30.63	14.88	283	85

1 - Specify Natural Gas or Propane and Elevation requirements when ordering. No extra charge.



802HA



806HA



HOT PLATES



STAR-MAX HOT PLATES



STAR-MAX 602HWF

STAR-MAX 604HF

STAR-MAX GAS HOT PLATES

Star-Max Hot Plates feature 25,000 BTU cast iron burners and heavy-duty cast iron grates



Model No.	No. Burners	BTU ¹	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class	
602HF	2	50,000	12.19	28.88	11.94	75	85	
604HF	4	100,000	24.19	28.88	11.94	125	85	
606HF	6	150,000	36.19	28.88	11.94	200	85	
SIDE-BY-SIDE GAS HOTPLATE								
602HWF	6	50,000	24.19	17.00	11.94	75	85	
All units ship for natural gas service. Propane conversion kits included					* Stockpot in LP service operates at 90,000 BTU			



STAR-MAX 602HF

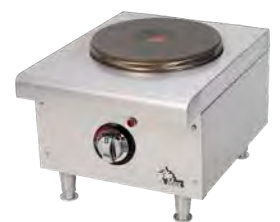
STAR-MAX ELECTRIC HOT PLATES - SOLID FRENCH TOP

Model No.	No. Burners	Watts ¹ 208/240V	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
501FF	1	1,950/2,600	12.00	17.25	10.28	25	85
502FF	2	3,900/5,200	12.00	28.00	11.68	45	85
1 - All units are built for 208/240 volt, 1-phase service							

Star-Max Electric Hot Plates feature high-power French-top burners



STAR-MAX 502FF



STAR-MAX 501FF



HOT PLATES



TOASTMASTER HOT PLATES

TOASTMASTER GAS HOT PLATES



TMHP2

TMHP4



Model No.	Smithville, TN	No. Burners	BTU ¹	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
TMHP2		2	44,000	12.19	28.88	11.94	75	85
TMHP4		4	88,000	24.19	28.88	11.94	125	85
TMHP6		6	132,000	36.19	28.88	11.94	200	85

1 - All units ship for Natural Gas service. Propane conversion kits included

TOASTMASTER ELECTRIC HOT PLATES - SOLID FRENCH TOP

Model No.	No. Burners	Watts ¹ 208/240V	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
TMHPF	2	3,900/5,200	12.19	28.88	11.94	45	85

1 - All units are built for 208/240 volt, 1-phase service



TMHPF





FRYERS



StarMax

STAR-MAX FRYERS

STAR-MAX GAS FRYERS



Model No.		Oil Capacity [lb.]	Fries per hour [lb.]	BTU ²	Description	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
SINGLE POT, TWIN BASKETS										
615FF		15	28	30,000	UNDER FIRED TWIN BASKETS	12.00	25.13	24.63	74	85
630FF		30	68	70,000	UNDER FIRED FULL BASKETS	24.00	25.13	24.63	140	85
Specify Natural Gas or Propane when ordering					2 - 630FF in LP service operates at 65,000 BTU					

STAR-MAX ELECTRIC FRYERS

Model No.		Oil Capacity [lb.]	Fries per hour [lb.]	Volts ¹	Watts	NEMA Plug	Width [in.]	Depth [in.]	Height [in.]	Ship Wt. [lb.]	Freight Class
SINGLE POT, TWIN BASKETS											
514LL		14	15	120	1,800	5-15P	11.00	21.88	13.25	34	85
301HLF		15	28	208/240	4,130/5,300	6-30P	18.00	20.00	17.00	50	85
515F		15	32	208/240	4,319/5,750	6-30P	12.00	24.00	16.75	47	85
530FF		30	65	208/240	8,460/11,500	Field Wired	24.00	24.00	16.50	80	85
TWIN POT, SINGLE BASKET											
530TF		30	64	208/240	8,638/11,500	Field Wired	24.00	24.00	16.75	80	85

Fryer accessories on next page (pg. 22)





STAR-MAX FRYER ACCESSORIES

STAR-MAX FRYER ACCESSORIES

Model No.	Description	Ship Wt. [lb.]	Freight Class
514FB	BASKET for 514LL	4	85
301FBL	TWIN BASKET (Left Hand) for 301HLF	4	85
301FBR	TWIN BASKET (Right Hand) for 301HLF	4	85
530TBL	TWIN BASKET (Left Hand) for 515F, 530TF & 615FF	4	85
530TBR	TWIN BASKET (Right Hand) for 515F, 530TF & 615FF	4	85

