

# Replacement Parts



## List Gas Char Broilers Models 31 & 31 Kabob



Counter Top Model - 31C  
Open Front

Installation and Service Manual - 8448-24  
Date Code - September 1959

(Supersedes EMB28 Replacement Parts List for Open Hearth Broiler Model 31)

Items listed are replacement parts for the current Model 31 EmberGlo® Broiler.

Model 31 first construction September 1959. Dual pilot model with eight burners. Early models used two hearth blocks of unequal size; later revised to utilize two equal blocks.

July 2012 - Floor bricks revised from two equal sized bricks to three equal sized bricks.



Floor Model - 31F  
Open Front



Floor Model - 31F Kabob  
Mid Closed Front - includes a Set of 10 Skewers  
(Cooking Grill Grate is optional on the Kabob broiler)

Models	Description	BOMs
<b>Natural Gas</b>		
31C	Open Front - Counter	5020102
31C	Mid Closed Front - Counter	5020103
31C	Closed Front - Counter	5020100
31C Kabob	Mid Closed Front - Counter	5020400
31F	Open Front - Floor	5020201
31F	Mid Closed Front - Floor	5020202
31F	Closed Front - Floor	5020200
31F Kabob	Mid Closed Front - Floor	5020401

<b>Propane Gas</b>		
31C	Open Front - Counter	5120104
31C	Mid Closed Front - Counter	5120102
31C Kabob	Mid Closed Front - Counter	5120400
31C	Closed Front - Counter	5120103
31F	Open Front - Floor	5120202
31F	Mid Closed Front - Floor	5120209
31F Kabob	Mid Closed Front - Floor	5120401



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**AVOID ERROR IN PARTS SELECTION.** When ordering use complete MIDCO Part Number and Description. Furnish Burner Model Number, Bill of Material Number and Serial Number (if available) from the specification plate found on the product.

**IMPORTANT:** Availability of parts as well as specifications are subject to change without notice. Please consult factory for item availability.



As an ISO 9001:2008 certified company, we proudly design, manufacture and assemble our products in Chicago, Illinois, USA.

Quality Designed for Proven Performance

822  
8472 22  
Printed in USA

# Exploded View - Gas Broiler Model 31 & 31 Kabob Parts List

Item Part #	Description	Qty
1	4569-00 7-1/8" X 1.0" CW Blower Wheel	1
2	4717-00 Firebrick Filler Block	4
3	4508-10 Burner Tile Model 31-41	4
4 *	4585-60 Support Bricks for Barbriqs or Ceramic Rods - 4 per Pack <sup>2</sup>	4 Pcks
5 *	4585-50 Barbriq Ceramic 81/4" L - 5 per Pack <sup>1</sup>	9 Pcks
6	4630-02 31, 31 Kabob and 41 Marinite (uses 2)	2
7	4629-20 Front And Back Wall Block Model 31-41	4
8	4634-01 Floor Brick	3
9A	4574-42 Stamped Orifice Propane Gas Model 31-41 # 65 (.035") Drill	8
9B	4574-44 Stamped Orifice Natural Gas Model 31-41 # 54 (.055") Drill	8
10A	4713-02 31 Left Manifold	1
10B	4713-01 31 Right Manifold	1
11	4518-07 Broiler Pilot Tube	2
12	4825-03R Valve Stem Extension Kit	2
13	4507-12 Broiler Burner	6
14	4507-15 Broiler Pilot Burner	2
15	8401-03 1/8" Pilot Gas Valve	1
16A	8416-35 1/2 Regulator - Natural Gas	1
16B	8416-36 1/2 Regulator - Propane Gas	1
17	4708-10 1/2" Ball Valve Assembly - Model 31	2
18	8435-04R Flaretrol Motor	2

Item Part #	Description	Qty
	Not Shown	
1403-70R	Power Cord 120 V	1
* 4576-20	Rods - 12 per Pack <sup>4</sup>	4 Pcks
* 4577-01	Briquettes - 20 lb per Pack <sup>3</sup>	2 Pcks
4581-50	Main Valve Knob	2
4720-10	Stainless Steel Foot - Countertop Gas Broilers	
4724-00	Cooking Grill Grate	1
8423-01R	Flaretrol Switch	1
8445-03	Pilot Knob	1
8450-12	Adjustable Leg for floor model (31F)	4

Accessories / Options - Not Shown	
2070700	Veggie/Seafood Grate for Model 31
1420-39	Gas Broiler Grill Brush - all Models
4508-52	Kabob Broiler Conversion Kit for 31 and 41 Gas Broiler from Regular Broiler to a (includes 10 Skewers)
4508-69	Skewers - Set of 10 for 31 Models
4508-81	Propane to Natural Conversion Kit
4508-91	Natural to Propane Conversion Kit
4724-05	31 Stainless Steel Cooking Grill Grate
4724-20	31 Half Size Cooking Grill Grate Rolled Steel
4724-21	31 Half Size SS Cooking Grill Grate
2060160	31 & 31 Kabob Gas Broiler Splash Guard Set SS

- \* 1 **Barbriq** - Item # **4585-50** - 1" x 1" x 8-1/4" - Sold in 5-Packs ONLY Models 31 & 31 Kabob requires 9 Packs for a complete hearth replacement
- 2 **Support Bricks** - Item # **4585-60** - Sold in 4-Packs ONLY - Models 31 & 31 Kabob requires 4 Packs for a complete hearth replacement. Used with Barbriqs or Ceramic Rods
- 3 **Briquettes** - Item # **4577-01** - 1" x 1" x 2" - Sold in 20 lb. Carton quantities ONLY - Models 31 requires 35 lb. for a complete hearth replacement - 2 Cartons recommended
- 4 **Ceramic Rods** - Item # **4576-20** - 1/2" diameter Rods by 8-1/2" - Sold in 12-Packs ONLY Model 31 requires 4 Packs for a complete hearth replacement. Used with Briquettes.

