



INSTALLATION & USER'S GUIDE

for

Ceramic Glass Cook Tops:

**Mediterranean Series
Caribbean Series
Alpine Series**

KENYON®

P.O. Box 925
#8 Heritage Park Road
Clinton, CT. 06413
Phone: (860)664-4906
Fax: (860)664-4907
www.kenyonappliances.com

Revision 10-26-2007
Part # 006367
//dc2007/ ENGINEERING/MANUALS/NONULCERAMICSrev10-26-2007.DOC

Mediterranean Series Cook Tops

Three Burner Beveled Edge Ceramic

B40508 - 120V AC - three 6 ½" (165mm) burners @ 1200 watts each
B40509 - 240V AC - three 6 ½" (165mm) burners @ 1200 watts each

Overall dimensions: 21 ¾" x 20 ¼" x 2 ⅝"
552.5 x 514.4 x 66.7
Cutout dimensions: 19 9/16" x 18 1/16" with ¼" radius
496.9 x 458.8 with 6.4 radius

Two Burner Beveled Edge Ceramic

B40510 - 120V AC - one 6 ½" (165mm) burner @ 1200 watts
one 8" (200mm) burner @ 1400 watts
B40511 - 240V AC - one 6 ½" (165mm) burner @ 1200 watts
one 8" (200mm) burner @ 1800 watts

Overall dimensions: 23 ¼" x 14 ¼" x 2 ⅝"
590.6 x 362.0 x 66.7
Cutout dimensions: 21 ¾" x 12 ¾" with ¼" radius
552.5 x 323.9 with 6.4 radius

B40515 - 120V AC - two 6 ½" (165mm) burners @ 1200 watts each
B40516 - 240V AC - two 6 ½" (165mm) burners @ 1200 watts each

Overall dimensions: 21" x 12" x 2 ⅝"
533.4 x 304.8 x 63.5
Cutout dimensions: 20" x 10 ¾" with ¼" radius
508 x 273 with 6.4 radius

Single Burner Beveled Edge Ceramic

B40517 - 120V AC - one 6 ½" (165mm) burner @ 1200 watts
B40518 - 240V AC - one 6 ½" (165mm) burner @ 1200 watts

Overall dimensions: 12" x 12 ½" x 2 ⅝"
304.8 x 317.5 x 63.5
Cutout dimensions: 10 ¾" x 11 ½" with ¼" radius
273.0 x 292.1 with 6.4 radius

Caribbean Series Cook Tops

Three Burner Ceramic

B40608 - 120V AC - three 6 1/2" (165mm) burners @ 1200 watts each

B40609 - 240V AC - three 6 1/2" (165mm) burners @ 1200 watts each

Overall dimensions: 21 3/4" x 20 1/4" x 2 5/8"

552.5 x 514.4 x 66.7

Cutout dimensions: 19 9/16" x 18 1/16" with 1/4" radius

496.9 x 458.8 with 6.4 radius

Two Burner Ceramic

B40601- 120V AC- two 6 1/2" (165mm) burners @ 1200 watts each

B40602- 240V AC- two 6 1/2" (165mm) burners @ 1200 watts each

Overall dimensions: 21" x 12" x 2 5/8"

533.4 x 304.8 x 63.5

Cutout dimensions: 20" x 10 3/4" with 1/4" radius

508 x 273 with 6.4 radius

Single Burner Ceramic

B40605- 120V AC- one 6 1/2" (165mm) burner @ 1200 watts

B40606- 240V AC- one 6 1/2" (165mm) burner @ 1200 watts

Overall dimensions: 12" x 12 1/2" x 2 5/8"

304.8 x 317.5 x 63.5

Cutout dimensions: 10 3/4" x 11 1/2" with 1/4" radius

273.0 x 292.1 with 6.4 radius

Alpine Series Cook Tops

Two Burner White Ceramic

B40710 - 120V AC - one 6 1/2" (165mm) burner @ 1200 watts

one 8" (200mm) burner @ 1400 watts

B40711 - 240V AC - one 6 1/2" (165mm) burner @ 1200 watts

one 8" (200mm) burner @ 1800 watts

Overall dimensions: 23 1/4" x 14 1/4" x 2 5/8"

590.6 x 362.0 x 66.7

Cutout dimensions: 21 3/4" x 12 3/4" with 1/4" radius

552.5 x 323.9 with 6.4 radius

B40715 - 120V AC - two 6 1/2" (165mm) burners @ 1200 watts each

B40716 - 240V AC - two 6 1/2" (165mm) burners @ 1200 watts each

Overall dimensions: 21" x 12" x 2 5/8"

533.4 x 304.8 x 63.5

Cutout dimensions: 20" x 10 3/4" with 1/4" radius

508 x 273 with 6.4 radius

Single Burner White Ceramic

B40717 - 120V AC - one 6 1/2" (165mm) burner @ 1200 watts

B40718 - 240V AC - one 6 1/2" (165mm) burner @ 1200 watts

Overall dimensions: 12" x 12 1/2" x 2 5/8"

304.8 x 317.5 x 63.5

Cutout dimensions: 10 3/4" x 11 1/2" with 1/4" radius

273.0 x 292.1 with 6.4 radius

All models of the Kenyon glass cook tops simply “drop-in” to the appropriate cut-out and are secured with hardware designed for each particular model.

Wiring

All of the Kenyon glass cook tops are supplied with a three wire “pigtail” for connection to the boats AC power

WARNING

**Installation must comply with applicable standards of the ABYC and/or the “Fire Protection Standards For Motor Craft, NFPA #302”.
Be sure to provide adequate ventilation.**

Mounting - Ceramic Glass Tops

Your Kenyon ceramic glass cook top is supplied with two sheet metal mounting brackets. These brackets are designed to hold your cook top firmly in place. The cook top has a metal frame and should be sealed to the counter top using a non-hardening bedding compound that will permit later removal without damage should service be necessary. We recommend linseed oil based materials such as Pettit #7110 White Seam Compound. If silicone compounds are used, later removal may result in damage to the cook top.

Attach the two mounting brackets, supplied with your Kenyon cook top, to the inside vertical surface of the cut-out. The brackets are to be mounted on opposing sides. Center the bracket in the opening, flush with the counter top and secure with the #6 x 1 ¼” screws, provided.

Position the cook top in the cut-out opening and press firmly on all sides to seal the frame into the bedding compound.

Secure the cook top to the brackets from underneath with the #8 x ¼” screws supplied. Be careful not to over-tighten the screws.

distribution system. These leads are tinned copper with high temperature insulation.

It is recommended that the supply conductors be protected with a (double pole simultaneous trip for 240v applications) circuit breaker rated per the specifications for the various models and voltages as shown in the Electrical Requirements Table.

110V AC Installations

The black lead is the live or hot conductor, the white lead is the neutral conductor and the green lead is the ground wire.

240V AC Installations

The black and red leads are live or hot conductors, the green lead is the ground wire.

Ventilation

Adequate ventilation of the space below the countertop must be provided to ensure proper operation of the cook top. Heat transferred from the cook top bottom pan during operation will overheat an improperly ventilated area.

A minimum of 6 square inches of cross ventilation is recommended.

Other appliances, such as a refrigerator, installed within the enclosure must also be considered when providing ventilation.

INSTALLATION INSTRUCTIONS

Electrical Requirements Table
Figures show average maximum current draw of appliance.
Size circuit breakers accordingly.

Model	120V AC, 60 cycle	240V AC 50/60 cycle	Wire Size
Single Burner Ceramic	10 amperes	5 amperes	#14AWG
Two Burner Ceramic	22 amperes	13 amperes	#12AWG
Three Burner Ceramic	30 amperes	15 amperes	#10AWG

WARNING

INSTALLATIONS MUST COMPLY WITH ALL LOCAL, STATE AND NATIONAL ELECTRICAL CODES

Failure to comply with the applicable codes may result in fire, property damage, personal injury or death

PLEASE READ THIS ENTIRE MANUAL THOROUGHLY BEFORE OPERATING YOUR KENYON COOK TOP.

This cook top, like all appliances, has the potential to create safety problems through careless or improper use.

Please observe all of the following safety precautions.

SAFETY INSTRUCTIONS

This safety instruction section covers all Kenyon electric cook tops. You may find some information that does not pertain to your particular cook top.

Potholders
Only use dry potholders. A wet potholder on a hot surface can produce burns from steam. Never use a towel as a potholder.

PLEASE READ THIS ENTIRE MANUAL THOROUGHLY BEFORE OPERATING YOUR KENYON COOK TOP.
This cook top, like all appliances, has the potential to create safety problems through careless or improper use.
Please observe all of the following safety precautions.

Proper Installation
Be sure your Kenyon glass cook top has been correctly installed and grounded by a qualified technician.

All Kenyon glass cook tops are to be installed into a cutout in the counter top of the dimensions previously detailed on page 2 or 3 of this manual. The counter top may or may not have a molded recess so the glass is flush with the counter top surface.

Servicing
Do not attempt to repair or replace any part of your Kenyon glass cook top. If service should be necessary, contact your local servicing dealer or the Kenyon factory. If the cook top must be removed for servicing, disconnect the power to the cook top before attempting to remove the unit.

Surrounding Area
Care must be taken to insure flammable items are not allowed to come in contact with the cook top.
There must be a minimum of 3" of clearance in any horizontal direction.

Grease Fire
Do not use water to extinguish a grease fire. Smother fire with dry chemical or foam-type extinguisher.

Watch The Pot
Do not leave the cook top unattended with the heat setting on high heat. Boil over may create smoke and or a fire.
The utensil handle should be turned inward to prevent accidental spillage. The utensil handle should not extend over adjacent heating elements.

Pot retention devices should be used to secure the utensil to the cook top.

Various types of pot retention rails are provided by boat manufacturers for Kenyon glass cook tops. They are attached to the countertop and are in some cases designed to be removable for storage while in harbor or dockside.

If the Kenyon glass cook top in your new boat is not equipped with a pot retention railing, contact your new boat dealer or manufacturer.

A pot retention railing system is available from Kenyon if one is not available from your boat dealer.

NEVER ALLOW SMALL CHILDREN NEAR THE COOK TOP UNATTENDED

- **DO NOT** use the cook top if the glass is broken.

SAFETY INSTRUCTIONS

- **DO NOT** use the cook top to heat the cabin.
- **DO NOT** touch the burners, or surrounding areas. These areas may be hot enough to cause serious burns.
- **DO NOT** store items of interest to children either above or near the cook top, children climbing on the cook top to reach items could be seriously injured.
- **DO NOT** wear loose fitting garments while using the cook top.
- **DO NOT** throw away these instructions.

GENERAL INFORMATION

The Kenyon line of glass cook tops feature good looks and an easy-to-use surface that stays clean and looking like new with very little maintenance. They are specifically designed for marine use and are of minimum practical size.

The electric elements are controlled by individual Energy Regulators which provide infinitely variable control of the heat output.

All models are designed for recessed countertop installation.

Ceramic Glass Top Elements

A series of electric heating coils are suspended beneath the ceramic glass. The special design of these burners directs the heat up through the ceramic glass providing efficient cooking.

Outside of the designated burner area the ceramic glass remains much cooler even while cooking on high heat settings.

Thermal limiters are included in each burner to keep the element from overheating. The limiters will reduce the wattage to the element if a pot boils dry, if no utensil is used at all or if an improper utensil is used.

Energy Regulators

The energy regulators (burner controls) are designed to provide infinitely variable control of the heat output by alternately switching on and off the electric element at different cycles.

The design of the regulators is such that both warming and simmer modes are not only possible, but practical. Excellent control of very small heat input is available at low dial settings, while still retaining full rated output at high heat settings.

OPERATION

Your beautiful new ceramic glass cook top provides you with the best possible cooking surface, ease of maintenance, excellent performance and style. Cooking on-board has never been this easy.

The cooking surface areas on your Kenyon ceramic glass cook top are identified by permanent patterns in the cook top. To keep your cook top looking like new, follow these simple guidelines for use and cleaning:

Cooking Utensils

Chances are your existing utensils are just fine for use on your Kenyon ceramic glass cook top. Cooking on ceramic glass does not require special pots or pans. But since utensils play an important part in the efficiency of your cooking here is what to look for to get the most out of your Kenyon ceramic glass cook top.

The utensil should have a slightly concave or flat bottom. Although glass and other types of cookware can be used, metal cookware with thick bottoms will generally conduct the heat best.

Use utensils of the correct diameter only. The base of the pot or pan you use should be about as wide as the cooking zone on which it is used - not much wider or narrower. This will provide maximum heating efficiency and give you the shortest possible boiling times.

Make sure that both the cook top panel and the bottom of your utensil are clean and dry before using. Doing so will help prevent scratches and stains.

Knobs and Indicator Lights

The cooking area controls are called infinite controls. This type of control has an infinite selection of heat settings. The control settings begin at high and decrease heat output as you turn the knob clockwise.

There is a series of lights which provide indication of burner operation and hot surface. These lights are located adjacent to the control knobs. When the control is in the on position a red light is lit indicating which burner is on.

For your safety we have incorporated a "HOT" indicator light. When lit, this indicates that some part of the cooking surface is too warm to touch. Do not place articles other than cooking utensils on the cooking surface while this light is glowing.

Cleaning

We have worked hard to make your Kenyon ceramic glass cook top look great. You can help make sure it stays that way by following these easy-care tips.

Clean the cook top before the first time you use it.

A thorough cleaning with a recommended cook top cleaner (such as Cerama-Brite Cook top Cleaner) will get your new cook top off to a good start. It takes just a minute and puts a clean, shiny coating on the cook top before its initial use.

Always remove food spills, grease splatters and metal rub-off from utensils. First, use a razor blade scraper to remove all spill-overs. Then clean the cook top with a paper towel or a clean soft cloth and a

OPERATION

recommended cleaner. After using any cleaner always wipe the cook top with a clean, damp cloth (to avoid burned-on cleanser residue) and wipe dry.

Do not use your dishtowel or sponge to wipe off the cook top. This may leave a film of detergent or other matter that can cause discoloration the next time the cook top is heated.

Avoid abrasive scouring powders of any kind. Also avoid using plastic, nylon or metal cleaning pads. They may scratch or melt onto the cook top.

Avoid chemical cleaners such as chlorine bleach, ammonia, hydrofluoric acid or chemical oven cleaners. They may etch or discolor the surface.

Do not let anything that melts - such as plastics, aluminum foil, or sugar - come into contact with your cook top surface when it is hot. Should something melt onto the surface, *immediately* move it to a cool area of your cook top with a razor blade scraper, and then remove it from the cook top as soon as possible.

DO NOT DISCARD THIS MANUAL SAVE FOR FUTURE REFERENCE

WARRANTY

Kenyon International, Inc (the "Company") warrants its products in normal usage to be free of defects in materials and workmanship subject to the conditions and limitations below.

Any part, which proves to be defective in normal usage during the warranty period will be repaired or replaced by the Company.

This warranty is subject to the following conditions and limitations:

1. The Company's liability shall be limited to repair or replacement (choice of remedy at Company's option) of goods or parts as may be defective in materials or workmanship. This liability is limited to two years from the date of original installation; this warranty covers parts and labor at approved Company rates.
2. Determination of suitability of the product for the use contemplated by the buyer is the sole responsibility of the buyer and the Company shall have no responsibility in connection with such suitability.
3. The Company shall not be liable for any damage resulting from:
 - failures due to use of the product in applications for which they are not intended
 - failures due to corrosion, wear and tear, abuse or improper installation or maintenance
4. The Company shall be responsible for ground shipping charges to the location of the appliance (home) within the continental United States and Canada. Any other or express or special shipping charges are at the expense of the buyer.
5. All labor allowed by the Company under this warranty must be performed by an authorized Kenyon International service center, unless otherwise specified in writing by the Company.

THERE ARE NO OTHER WARRANTIES OF MERCHANTABILITY, FITNESS FOR PURPOSE OR ANY OTHER KIND, EXPRESSED OR IMPLIED AND NONE SHALL BE IMPLIED BY LAW. The duration of any such warranties that are nevertheless implied by law for the benefit of a consumer, shall be limited to a period of two years from original purchase by the user. Some countries do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM THE BREACH OF THIS WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY. Some countries or states do not allow exclusion or limitation of consequential or incidental damages so this limitation or exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS THAT MAY VARY FROM COUNTRY TO COUNTRY AND STATE TO STATE.

Kenyon International, Inc.
P.O. Box 925 • 8 Heritage Park Road • Clinton, CT USA
Phone (860) 664-4906 FAX: (860) 664-4907
Email: customercare@kenyonappliances.com