

JEC Products has proudly always been a Green Company

- The most energy efficient product on the market.
- All production is performed in an energy efficient facility
- Products are made of recyclable recycled materials
- Packing materials are recyclable and recycled
- Components are made in the USA.

Specifications:

- Kiln stands 5-1/4" Tall x 5-1/2" Round
- The kiln body consists of a high insulation ceramic fiber.
- Weights less than 2 pounds
- Firing surface is 3" in diameter by 1-1/2" high
- The 3-inch diameter element maintains a 1550° F. temperature.
- Standard 120 Volt household power.
- The 250 Watt Kiln on average cost .02 cents per hour to operate.
- CE Compliant.

SAVE THESE IMPORTANT INSTRUCTIONS

Manufactured by JEC Products® USA
www.jecproducts.com

ULTRALITE

BEEHIVE

Fine Jewelry Kiln ©



Made in the USA

INTRODUCTION

Congratulations on your purchase of the UltraLite Beehive Fine Jewelry Kiln. This kiln was originally developed for Fine Metals Granulation, Enameling, Annealing and Fusing Glass.

There are several new accessories complete with instructions allowing for more jewelry options:

- Ceramic Insert to fire Precious Metal Clay's
- Temperature controller to vary Kiln Temperature to fire Metal Clay and burnout cork clay slowly.
- Red Brass covers to Keum-Boo Gold Foil onto Silver.
- Enameling Trivets.
- Newly improved Flat Cover with a mirror finish to increase kiln temperature by 100 degrees F.
- Hot Pad is a high temperature rubber pad to protect your tabletop and stabilize your kiln.

IMPORTANT SAFEGUARDS

- Do not touch hot surfaces. Care should be taken in the placement of the hot cover and spatula.
- To protect against risk of electrical shock, do not immerse cord, plug or heating unit in water.
- Do not operate Kiln with a damaged cord or the ceramic body.
- Close supervision is necessary when using near children.
- Safety glasses should be worn when using. Clear safety glasses should provide adequate UV protection.
- The use of accessories attachments not recommended by JEC will void warranty and could cause injury.
- Do not leave Kiln unattended during use.
- Unplug from outlet when not in use and allow the Kiln to cool before storing.
- Do not use the UltraLite Kiln for other than its intended use.

PREPARING THE ULTRALITE KILN FOR USE

- Use a minimum 16 gauge 6' extension cord. If you are going to require a longer cord use a 14 gauge.
- If an extension cord is used it should be placed so that it will not be tripped on accidentally.
- When using the Kiln provide adequate air space above and on all sides.
- On surfaces that heat is a problem an insulated hot pad is recommended.
- **First time only**, Plug the Kiln in and leave it uncovered for 30 minutes, then cover for 15 minutes. This will allow the cement to cure and the manufacturing oils to burn off, there will be a very slight odor, You're now ready to use your Kiln.
- Preheat time with the lid on is 45 minutes to reach the maximum maintained temperature of 1550° F.

NORMAL WEAR

You may notice a discoloration in the white cord next to the bottom of the Kiln, the double insulated high temperature wire is protected with an additional outer fiber sleeving that is prone to a brown discoloration.

CARE OF YOUR KILN

- If any materials fall into your Kiln, unplug and allow to cool, then simply turn the Kiln upside-down.
- When your not going to use your Kiln its best to cover your kiln in a plastic bag or moisture proof container for storage.