

K-10

Instructions

Repair Parts List



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**Model K-10
Installation Instructions & Repair Parts List**

One Year Limited Warranty

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Henkel, Inc. warrants its products against defects in material and workmanship. Henkel, Inc. will either repair or replace without charge any properly installed product which fails under normal operating conditions within one year from date of installation, provided it is returned to our factory, transportation prepaid, and our inspection determined it to be defective under the terms of this warranty. The warranty covers only equipment manufactured by Henkel, Inc., and does not extend to transportation, installation, or replacement charges at the buyers' facility; nor does it apply to any other equipment of another manufacturer used in conjunctions with Henkel, Inc. equipment. No other warranty, expressed or implies exists beyond that included in this statement.
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Keen Ovens

Model K-10

SPECIFICATIONS

Electrode Capacity	15lbs. 14" rods
Volts (Specify)	120V OR 240 V AC/DC
Watts	100W 100W
Temperature	100°F - 325°F
Insulation	1"
Interior Dimensions	3" W X 3" D X 18.5" H
Net Weight	11 lbs.
Shipping Weight	14 lbs.
Shipping Dimensions	10.5" X 9" X 22.75"

Recommended Spare Parts

**When it is critical to have continuous operation of this unit;
we suggest having the following spare parts on hand:**

Oven Maintenance Kit

Part Number -- 010115

General Information

The K-10 portable oven is designed for use in the shop or field. This oven will protect electrodes from moisture during transfer from a holding oven to the job. It is light and easy to carry. The square shape gives this oven greater stability vertically and horizontally. It is made of steel, treated, and then painted with a chemical-resistant blue paint. All Keen ovens are Mercury free.

Safety Precautions

Read all instructions completely before attempting to operate this unit.

***** SAVE THESE SAFETY INSTRUCTIONS *****

To reduce the risk of electrical shock, fire, or personal injury follow the guidelines below:

- Before connecting unit to a power source, be sure the voltage supplied is the same as that specified on the nameplate of the unit.
- Check outlet to ensure proper grounding of the electrical cable. Have a licensed electrician check the A/C power outlet if you are not sure.
- Use this unit for its intended purpose as described by literature.
- Make sure power cord is located so that it will not be stepped on, tripped over, or otherwise subjected to stress of heat, oil, or sharp edges. Do not close doors on the cord.
- To reduce the risk of damage to the electric plug and cord, disconnect by plug rather than by the cord.
- Do not use this unit if cord or plug is in poor condition. If it has been exposed to weather or immersed in water, have a qualified serviceman inspect and replace parts as necessary.
- **WARNING! NEVER HANDLE PLUG, CORD, OR UNIT WITH WET HANDS OR WHILE STANDING IN WATER.**
- Use special care when moving heavily loaded units.
- Do not store combustible material on or around the unit.
- Do not operate this unit empty.
- When using the unit at a distance where an extension cord becomes necessary, a 3-conductor grounding cord of adequate size must be used for safety, and to prevent loss of power and overheating. Use only a UL listed extension cord suitable for outdoor use. Make certain wire size is large enough for A/C amperage rating of unit.

Operation

To turn on the unit, simply plug the 8' UL listed power cord into power source of appropriate voltage. Oven may be operated on direct current IF AMPLE VOLTAGE IS AVAILABLE. (Check name plate for voltage.) Unit will not heat to capacity without appropriate voltage.

On 240V models, the plug is not supplied due to the many different receptical configurations in the field. When attaching the plug to the power cord, be sure the plug is an approved component and is rated for the proper voltage and amperage. All units meet electrical code requirements when used with a grounding plug and a grounded receptical.

Temperature Setting

The model K-10 is a non-thermostatically controlled oven with a temperature range of 100°-325°F depending on the length of time used and the amount of electrodes stored. The element wattage in this unit is designed so that temperatures will not exceed 325°F.

Guide to Storage

In critical situations, contact your electrode manufacturer storage recommendations.

Functional Description

The model K-10 oven is a portable unit. It is not designed for long term storage. The unit holds 15 lbs. of 18” electrodes and is used for transfer of electrodes from holding ovens to the job site.

Scheduled Maintenance

The manufacturer recommends that the unit be unloaded and cleaned of debris and dust every three months by turning unit upside down and tapping gently on bottom. It is recommended to inspect the power supply cord for damage at this time. Replace cord if damaged.

Troubleshooting

The Keen oven model K-10 requires a minimal amount of electrical knowledge to repair if necessary.

IF OVEN FAILS TO OPERATE – NO HEAT

1. Check power source.
2. Check power cord continuity. Replace cord assembly if faulty.
3. Check heating element continuity. If no continuity is present, replace element.

Corrective Maintenance

CHANGING ELEMENT FOR K-10

1. Disconnect power source.
2. Remove two screws from bottom of oven.
3. Remove bottom cover and insulation.
4. Remove wire connectors, strain relief, and power cord.
5. Oven bottom and interior tube may now be separated from oven body.
6. Original element is welded to interior tube. Tack welds must be ground off to remove old element.
7. Clamp replacement element to tube with clamps provided in maintenance kit and reassemble oven.

REPAIR PARTS LIST

K-10 maintenance kit includes power cord, element, element clamps, wire connectors, and strain relief.

Part Number -- 010115

K-10 Wiring Diagram

