

**All Models**

## PROFESSIONAL GAS RANGE



# Contents

## Table of Contents

|            |                                                |           |
|------------|------------------------------------------------|-----------|
| <b>1.</b>  | <b>WARNINGS.....</b>                           | <b>3</b>  |
| <b>2.</b>  | <b>WELCOME.....</b>                            | <b>4</b>  |
| <b>3.</b>  | <b>BEFORE YOU START.....</b>                   | <b>5</b>  |
| <b>4.</b>  | <b>SAFETY AND WARNINGS.....</b>                | <b>6</b>  |
|            | SAFETY SYMBOLS.....                            | 6         |
|            | ELECTRICAL SHOCK HAZARD.....                   | 7         |
|            | TIPPING HAZARD.....                            | 7         |
|            | EXPLOSION HAZARD.....                          | 8         |
|            | FIRE HAZARD.....                               | 8         |
|            | POISONING HAZARD.....                          | 9         |
|            | HOT SURFACE HAZARD.....                        | 9         |
|            | OTHER SAFETY TIPS.....                         | 9         |
| <b>5.</b>  | <b>STOVE MODELS.....</b>                       | <b>12</b> |
|            | EMPV 36" FREESTANDING GAS RANGE.....           | 12        |
|            | EMPV 30" FREESTANDING GAS RANGE.....           | 13        |
| <b>6.</b>  | <b>GAS SUPPLY REQUIREMENTS.....</b>            | <b>14</b> |
|            | SAFETY TIPS FOR GAS OPERATION.....             | 14        |
| <b>7.</b>  | <b>DIMENSIONS AND CLEARANCES.....</b>          | <b>15</b> |
|            | TOP HOOD AND CABINET SPECIFICATIONS.....       | 17        |
| <b>8.</b>  | <b>ELECTRIC POWER SUPPLY REQUIREMENTS.....</b> | <b>20</b> |
|            | ELECTRICAL GROUNDING INSTRUCTIONS.....         | 21        |
| <b>9.</b>  | <b>CONNECT RANGE TO GAS SUPPLY.....</b>        | <b>21</b> |
|            | AFTER INSTALLATION:.....                       | 22        |
| <b>10.</b> | <b>FIRST USE.....</b>                          | <b>23</b> |
|            | CONDITIONING THE OVEN.....                     | 23        |
|            | POSITIONING THE SHELVES.....                   | 24        |
| <b>11.</b> | <b>COOKTOP SAFETY GUIDELINES.....</b>          | <b>25</b> |
|            | SURFACE BURNER IGNITION.....                   | 26        |
|            | SIMMER AND BOIL.....                           | 26        |
|            | FLAME SIZE.....                                | 26        |
|            | POWER FAILURE.....                             | 27        |
|            | COOKTOP.....                                   | 27        |
|            | BURNER GRATES.....                             | 27        |
|            | OVEN BURNER USE.....                           | 27        |
|            | BROIL BURNER USE.....                          | 28        |
|            | OVEN COOKING GUIDELINES.....                   | 29        |

## Contents

|            |                                                            |              |
|------------|------------------------------------------------------------|--------------|
| <b>12.</b> | <b>OVEN FUNCTION.....</b>                                  | <b>30</b>    |
|            | NATURAL AIRFLOW BAKE.....                                  | 30           |
|            | INFRARED BROIL.....                                        | 30           |
|            | CONVECTION BAKE.....                                       | 30           |
|            | CONVECTION ROAST.....                                      | 31           |
|            | CONVECTION DEFROST.....                                    | 31           |
|            | DEFROSTING.....                                            | 31           |
|            | CONVECTION DEHYDRATION.....                                | 31           |
| <b>13.</b> | <b>BROILER OPERATION.....</b>                              | <b>32</b>    |
|            | PREHEATING.....                                            | 32           |
|            | TO BROIL.....                                              | 32           |
|            | SETTING BROIL.....                                         | 32           |
|            | BROILING GUIDELINES.....                                   | 33           |
| <b>14.</b> | <b>CLEANING INSTRUCTIONS.....</b>                          | <b>35</b>    |
|            | DO'S.....                                                  | 35           |
|            | DON'TS.....                                                | 35           |
|            | CLEANING BURNER CAPS AND BRASS FLAME SPREADERS.....        | 36           |
|            | CLEANING SIDE RACKS.....                                   | 36           |
|            | CLEANING OVEN SHELVES.....                                 | 36           |
|            | CLEANING BROIL/ROAST PAN AND SLOTTED GRID.....             | 36           |
|            | CLEANING BAKE AND BROIL BURNERS.....                       | 37           |
|            | CLEANING PORCELAIN SURFACES.....                           | 37           |
|            | CLEANING THE OVEN GLASS WINDOW.....                        | 37           |
|            | CLEANING THE OVEN DOOR GASKET.....                         | 37           |
|            | CLEANING STAINLESS STEEL SURFACES.....                     | 37           |
| <b>15.</b> | <b>REPLACING THE BURNER PARTS.....</b>                     | <b>38</b>    |
|            | REMOVING AND REPLACING THE OVEN DOOR.....                  | 38           |
|            | REMOVING THE OVEN DOOR.....                                | 39           |
|            | REPLACING THE OVEN DOOR.....                               | 40           |
|            | REPLACING THE OVEN LIGHT BULB.....                         | 41           |
| <b>16.</b> | <b>TROUBLESHOOTING GUIDE.....</b>                          | <b>42</b>    |
|            | COOKTOP.....                                               | 42           |
|            | OVEN.....                                                  | 44           |
| <b>17.</b> | <b>WARRANTY &amp; SERVICE.....</b>                         | <b>46</b>    |
|            | WARRANTIES AND DURATION.....                               | 46           |
|            | Empava WILL PAY FOR:.....                                  | 46           |
|            | Empava WILL NOT PAY FOR:.....                              | 47           |
| <b>18.</b> | <b>WARRANTY AND PRODUCT REGISTRATION.....</b>              | <b>48</b>    |
| <b>19.</b> | <b>EXHIBIT A &amp; B &amp; C .....</b>                     | <b>49-50</b> |
|            | Correct Position for Dual Burner.....                      | 51-52        |
|            | How to install Knobs and Handles For Empava KD Models..... | 53-56        |
|            | Rubber Pad Installation on Back Panel .....                | 57           |

# 1. Warnings

These are the most critical warnings summarized below.



- If the instructions in this manual are not followed exactly, a fire or explosion may result, causing property damage, personal injury or death.
- Do not store or use gasoline or other flammable substances and liquids near this or other appliance,
- Never use this appliance as a space heater to warm a room.
- Installation of this appliance must be done by a qualified, service agency or gas supplier.

### What to do if you smell gas

- Do not light any appliance
- Do not touch an electrical switch
- Immediately call the gas supplier from a neighbor's phone
- Open a window and leave the area
- Follow the gas supplier's instructions
- If you cannot reach the gas supplier, call the fire department

## 2. Welcome

Thank you for purchasing your EMPV indoor range. We appreciate your business and we recommend that you read this entire User's Manual before operating your new appliance for the first time.

This manual contains instructions on how to properly install and set up your new range, as well as insights into the unique features that our product offers. Please keep this manual for future reference, as it contains answers to questions that you might have as you begin to cook.

Thank you,

Empava Appliance

This manual applies to the following models' series:

EMPV30GR03

EMPV36GR04

### 3. Before you start

- ✓ Make sure that the anti-tip of the range has been properly installed.
- ✓ Find the model and serial numbers on the CSA label in the bottom right-hand corner of the backboard. Note these numbers down for future reference in the space provided in section 'Warranty and service'.
- ✓ Read this guide, taking special note of the 'Safety and warnings' section.
- ✓ Remove all the packaging from the oven(s) and cooktop. Recycle items that you can. If any adhesive residue is left on surfaces, remove this using dish washing liquid on a soft cloth. Do not use any harsh or abrasive cleaners.
- ✓ Make sure you follow the instructions under 'First use' before using your range for cooking.
- ✓ To reduce the risk of fire, electrical shock, injury to persons, or damage when using the appliance, follow the important safety instructions listed below:

# 4. Safety and Warnings

## Safety Symbols

| Symbol                                                                              | Definition                                                                                                                                               |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | This will alert you to potential personal or property safety hazards. Obey all safety rules to avoid any property damage, personal injury or death       |
|    | WARNING indicates a potentially hazardous situation, which, if not avoided, could result in serious injury or death                                      |
|  | CAUTION indicates a moderate hazardous situation, which, if not avoided, could result in minor or moderate injury                                        |
|  | CAUTION – when used without the safety alert symbol, indicates a potentially hazardous situation, which, if not avoided, could result in property damage |
|  | IMPORTANT used for installation, operation and maintenance information that are not related to safety.                                                   |

### Electrical Shock Hazard

- ✓ Before removing a faulty oven light bulb, make sure you turn OFF the power to the range at the main fuse or circuit breaker panel. If you don't know how to do this, contact an electrician.
- ✓ Do not remove the kick panel or the back panel. Due to electrical wires behind it, both panels should only be removed by a qualified technician.
- ✓ This appliance is equipped with a three-prong grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded power outlet. Do not under any circumstances cut or remove the grounding prong from this plug.

Failure to follow this advice may result in death or electrical shock.



### Tipping Hazard

All ranges can tip and cause injuries to adults and children. To prevent tipping, install the anti-tip device supplied with your range. Follow all installation instructions.

- ✓ Even after the safety device is installed, do not step, lean or sit on the oven door or place any heavy objects on it. Doing so may result in personal injury.

Make sure anti-tip device is installed as follows:

1. Slide the range forward.
2. Install the anti-tip device as described in the instruction sheet
3. Safely tilt the front section of the range and slide the range slowly back against the wall.
4. The rear pins should slide under the bracket.

Do not use the appliance until it has been secured.

Failure to follow this advice may result in serious injury.



### Explosion Hazard

- ✓ **If you smell gas, do not use the appliance.** Open a window or door to let the gas escape, then follow the instructions on the inside front cover of this manual.
- ✓ **Do not use water on grease fires.** A violent steam explosion may result.
- ✓ **Turn all burners off, then smother fire** or flame with a dry chemical or foam-type extinguisher. Do not try to smother with flammable blankets.
- ✓ **Do not heat unopened food containers such as cans.** Build-up of pressure may cause container to burst and result in injury.

Failure to follow this advice may result in injury or death



### Fire Hazard

- ✓ **Never use your appliance as a space heater.** Persons could be injured or a fire could start.
- ✓ **Keep the area around the appliance free from combustible materials** (e.g. wall coverings, curtains, drapes), gasoline and other flammable vapors and liquids.
- ✓ **Clean the stove and burners regularly.**  
Do not let cooking grease or other flammable materials accumulate on the surfaces or near the appliance.
- ✓ Do not hang any articles (e.g. dish towels) off the oven handle. Some fabrics may ignite or melt from the heat.
- ✓ **Never leave the cooktop burners unattended** when in use. Boil over causes smoking and greasy spillovers that may ignite.
- ✓ **Never spray an aerosol cleaner on or around the appliance while burners are lit,** Be sure all the controls are turned off and the appliance is cool. The aerosol gas and chemicals in such cleaners could, in the presence of heat, ignite or cause metal parts to corrode.
- ✓ **Do not store flammables near cooktop**  
Flammable materials should not be stored in an oven or near the cooktop. An accident could cause a serious fire.



## Safety and warnings

### Poisoning Hazard

- ✓ **Never cover any slots, holes or passages in the oven bottom** or cover an entire rack or the oven floor with materials such as aluminum foil. Doing so blocks airflow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may also trap heat, causing a fire hazard.
- ✓ **Clean the appliance with caution.** If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface. Follow the directions of the cleaner manufacturer.
- ✓ **Never use this appliance as a space heater to heat or warm the room.** Doing so may result in carbon monoxide poisoning and overheating of the appliance.

Failure to follow this advice may result in poisoning or death.



### Hot Surface Hazard

Accessible parts may become hot during use.

- ✓ **Do not touch burners, areas near burners,** the grill, griddle, grease drip-pans, heating elements or interior surfaces of oven. These may be hot enough to cause burns even though they are dark in color. During and after use, do not touch, or let clothing or other flammable materials contact these parts and surfaces until they have had sufficient time to cool. Other parts and surfaces of the appliance may become hot enough to cause burns - among these areas are the grates, back trim and oven vents at the back of the cooktop, front edge, surfaces adjacent to the cooktop, and the oven door.
- ✓ **Use only dry potholders.** Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
- ✓ **Let hot grease cool** before attempting to handle it.



Failure to follow this advice could result in burns and scalds.

### Other Safety Tips

- ✓ **Install the stove properly**  
Be sure your stove is properly installed and grounded by a qualified technician.

## Safety and warnings

- ✓ **Do not install or operate stove if damaged.**  
Do not operate the appliance if it is damaged or not working properly. If you received a damaged product, contact your dealer or installer immediately.
- ✓ **Know how to turn off power in emergency**  
Be sure to have the installer show you where and how to turn off the power supply to the range (i.e. location of the main fuse or circuit breaker panel) and where and how to turn off the gas supply to the range in an emergency.
- ✓ **Do not leave children alone near stove**  
Children should not be left alone or unattended in the area where the appliance is in use. They should never be allowed to play with the appliance or to sit or stand on any part of the appliance.
- ✓ **Do not store toys or candy over the stove**  
For safety reasons, do not store items of interest to children in cabinets above a range or at the back of the range – children climbing on the range to reach items could be seriously injured.
- ✓ **Don't wear loose clothing that could catch fire**  
Loose-fitting or hanging garments should never be worn while using the appliance.
- ✓ **Do not repair or replace parts yourself (unless recommended)**  
Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be referred to a qualified technician. Technicians must disconnect the appliance from the power supply before any servicing.
- ✓ **Careful opening oven door**  
Use care when opening the oven door by allowing warm air or steam escape before removing or replacing food.
- ✓ Keep oven vent ducts unobstructed.
- ✓ **Do not touch hot oven shelves**  
Protect your hands from burning by making sure the oven is cool before sliding oven shelves into oven. If a shelf must be removed while the oven is hot, do not let oven mitts or potholder contact the base of the oven or hot heating elements in the oven.
- ✓ **Protect oven gasket**  
Do not clean the oven gasket or use any oven-cleaning products on it. It is essential for a good seal, which ensures that the oven operates efficiently. Care should be taken not to rub, damage or move it.
- ✓ **Protect glass oven doors**  
Do not use harsh/abrasive cleaners, scourers or sharp metal scrapers to clean the oven door glass since they scratch the surface, which may result in the glass shattering.
- ✓ **Never step on oven door** or place a heavy object (like a Turkey) on it
- ✓ **Check for gas leaks**  
When the appliance installed, check for gas leaks according to the instruction before use.
- ✓ **Ventilation hood is mandatory**  
This appliance should not be operated without a properly sized and operational ventilation hood.
- ✓ **Use proper gas conversion kit**  
This stove only uses natural gas. For LP gas, please use conversion kit (**not included with the stove**). Please have a certified technician install the unit and kit. If planning to resell unit, please indicate whether it is natural gas or has LP kit installed.
- ✓ **Do not reach for items over the stove when it is lit**  
Be careful when reaching for items stored in cabinets above the appliance.
- ✓ **Read all instructions before using the product** to ensure proper and safe operation. Install or locate the product only in accordance with the provided Installation Instructions.
- ✓ Do not attempt to adjust, repair, service or replace any part of your appliance unless it is specifically recommended in this guide.
- ✓ Do not use the range as a space heater.
- ✓ **Do not leave children unattended in the area where the range is in use.** Never allow children to sit or stand on any part of the range. Do not let children play with the range.
- ✓ All servicing should be referred to a qualified technician.
- ✓ Have the technician show you the location of the gas shut off valve and how to shut it off in an emergency.