

## COSMO COS-ERC305WKTD

# COSMO COS-ERC305WKTD 30-inch Electric Range User Manual

Model: COS-ERC305WKTD

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## INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your COSMO COS-ERC305WKTD 30-inch Electric Range. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper installation and adherence to safety guidelines are crucial for optimal performance and user safety.



Figure 1: COSMO COS-ERC305WKTD Electric Range

## SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury to persons.

- **Electrical Safety:** Ensure the range is properly grounded. Do not operate with a damaged cord or plug. Refer to the electrical requirements section for correct voltage and wiring.

- **Anti-Tip Device:** This range is equipped with an anti-tip bracket. Failure to install this device can result in the range tipping over, causing serious injury. Ensure the anti-tip bracket is securely installed according to the installation instructions.
- **Hot Surfaces:** The cooktop and oven surfaces become hot during use. Use pot holders and avoid touching hot surfaces directly. Allow surfaces to cool before cleaning.
- **Children Safety:** Do not leave children unattended near the range. Teach children that the appliance is not a toy.
- **Flammable Materials:** Keep flammable materials (e.g., paper, plastic, cloth) away from the range. Do not store flammable items in or on the appliance.
- **Proper Ventilation:** Ensure adequate ventilation in the kitchen area.
- **Oven Door:** The oven door glass is triple-thick for safety, and the handle is designed to be cool-to-touch. However, exercise caution as the glass itself will be hot during operation.

## WHAT'S IN THE BOX

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Upon unpacking your COSMO COS-ERC305WKTD Electric Range, verify that all components are present:

- COSMO COS-ERC305WKTD Electric Range Unit
- Rear Trim
- Oven Racks (2)
- Anti-Tip Bracket
- User Manuals

If any items are missing or damaged, contact COSMO customer support immediately.

## SETUP AND INSTALLATION

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Proper installation is essential for the safe and efficient operation of your electric range. It is recommended that installation be performed by a qualified installer.

### 1. Unpacking

- Carefully remove all packaging materials, tape, and protective films from the range.
- Retain packaging materials until you are satisfied with the product's condition.

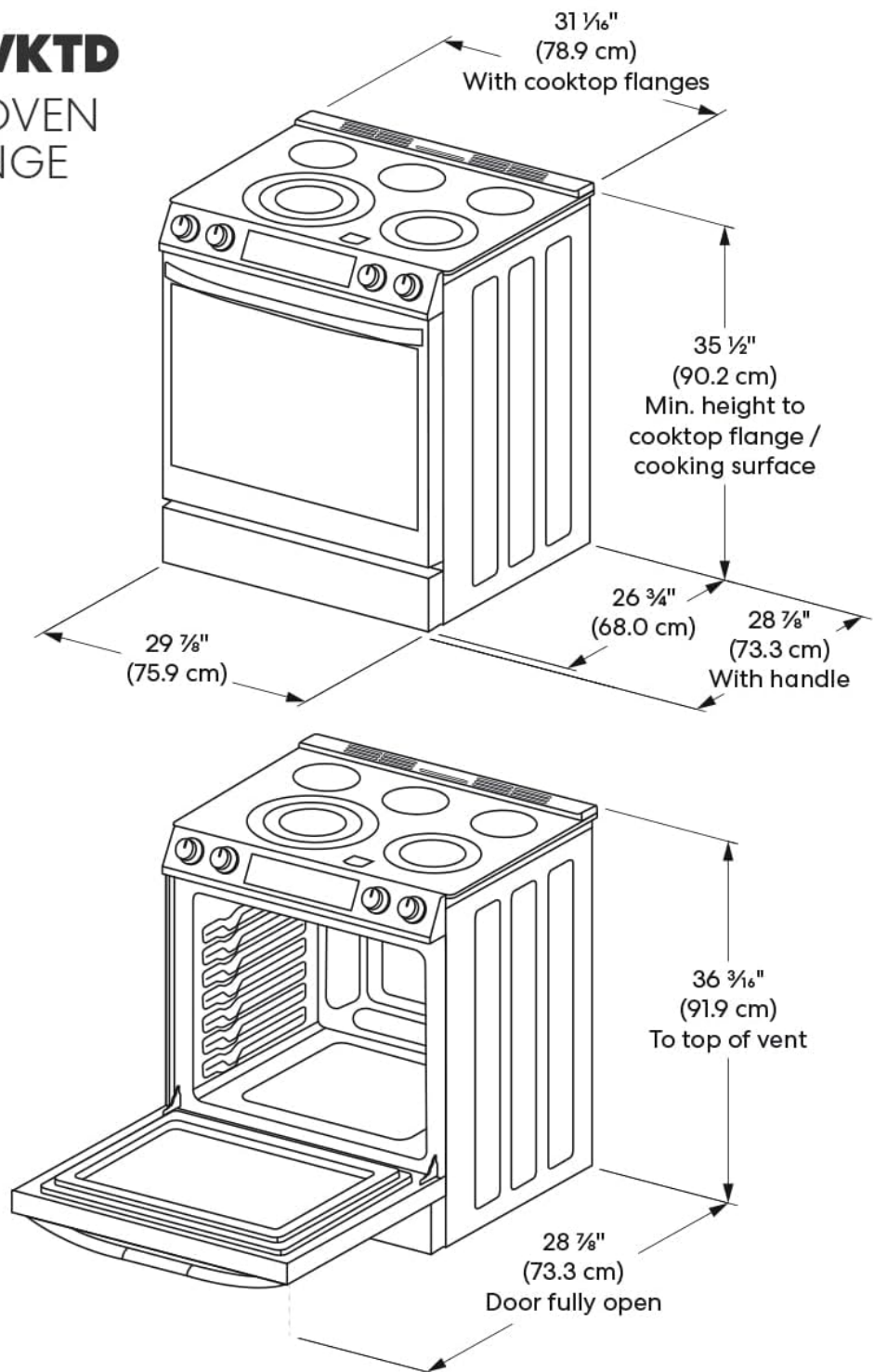
### 2. Placement and Dimensions

Ensure the installation area meets the required dimensions for a proper fit. The range is designed for freestanding or slide-in installation.



## **COS-ERC305WKTD**

### **30 IN. SINGLE OVEN** **ELECTRIC RANGE**



**Dimensions (WxDxH): 29.9" x 26.8" x 35.5-36.6"**

Figure 2: Range Dimensions

- **Overall Dimensions (W x D x H):** 29.9" x 26.8" x Adjustable 35.5" - 36.6"
- Measure the width, depth, and height of your kitchen space to ensure a proper fit.
- Backsplashes are removable to adjust the height for freestanding or slide-in installation.

### **3. Electrical Requirements**

This appliance requires a dedicated electrical circuit. Consult a qualified electrician for proper installation.

- **Voltage:** 240V / 60Hz
- **Wiring:** 3-Wire or 4-Wire connection.
- The appliance does not come with a power cord. The power cord from your old stove can be used if it meets local electrical codes and the range's requirements.

#### 4. Anti-Tip Bracket Installation

The anti-tip bracket must be installed to prevent the range from tipping. Follow the instructions provided with the anti-tip bracket for secure installation to the wall or floor.

#### 5. Leveling the Range

The range must be level for optimal cooking performance. Adjust the leveling legs at the bottom of the range until the cooktop surface is perfectly horizontal.

#### 6. Rear Trim Installation

Attach the rear trim piece to the back of the cooktop according to the included instructions. This trim helps to create a finished look and prevent debris from falling behind the range.

### OPERATING INSTRUCTIONS

#### 1. Control Panel Overview

The range features a combination of rotary knobs for burner control and a digital touch control panel for oven functions.

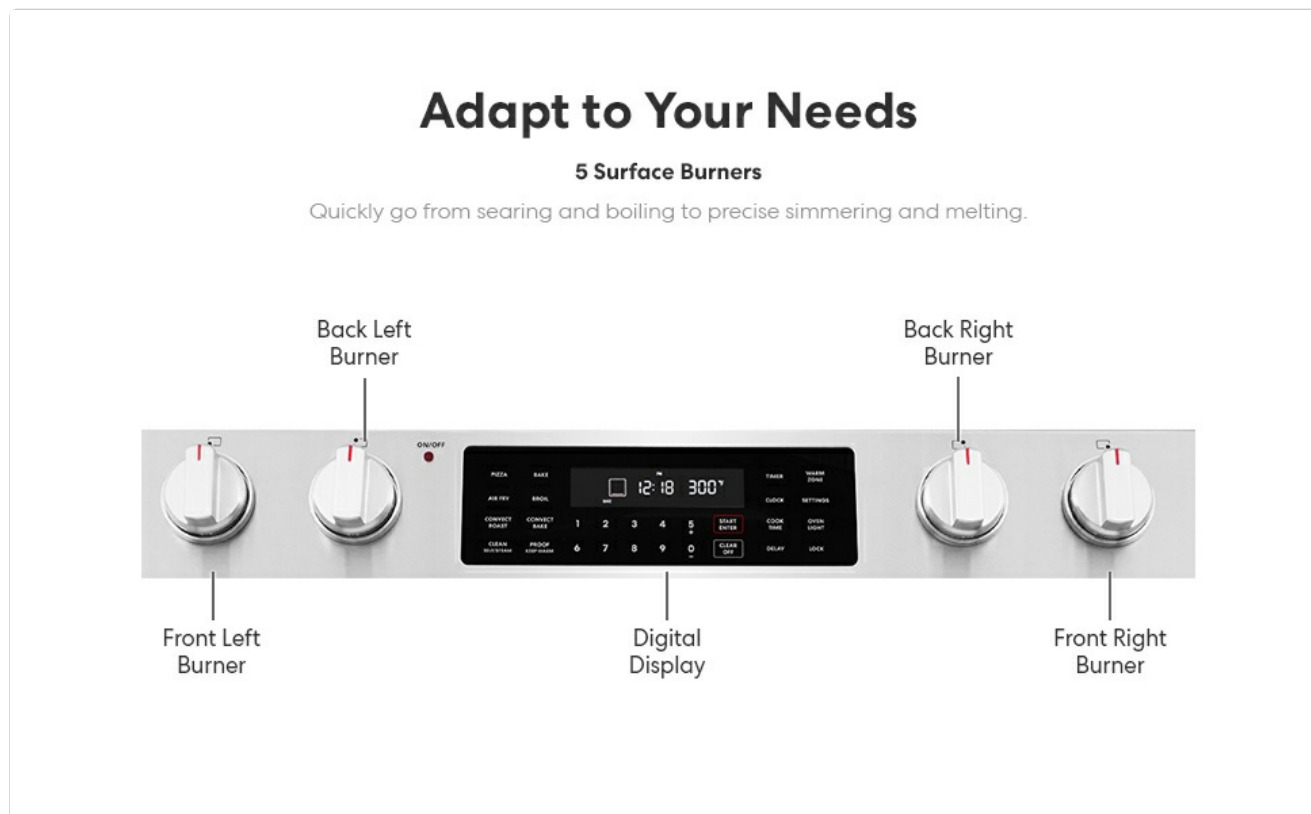


Figure 3: Control Panel and Burner Knobs

- **Burner Knobs:** Located on the front panel, these control the individual surface burners. Turn to the desired heat setting (Low to High).

- **Digital Display:** Shows oven temperature, time, and various function settings.
- **Touch Controls:** Used to select oven functions (Bake, Roast, Convection Bake, Air Fry, Self Clean), set temperature, and manage timer/clock.

## 2. Cooktop Operation

The ceramic glass cooktop features five radiant heating elements.



Figure 4: Ceramic Glass Cooktop Layout

- **Burner Configuration:**
  - One 3200W Total Dual Element Burner (9 in. 2200W / 6 in. 1000W)
  - One 3000W Single Element Burner
  - Two 1200W Burners
  - One 100W Warming Center
- **To Operate:** Place appropriate cookware on the desired burner. Turn the corresponding knob clockwise to the desired heat setting. The indicator light will illuminate when a burner is active.
- **Dual Element Burner:** For the dual element burner, the knob allows selection between the inner (smaller) element and both inner and outer (larger) elements.
- **Warming Center:** Use the warming center to keep cooked food warm at a low temperature. It is not intended for cooking.



- **Hot Surface Indicator:** A "Hot Surface" indicator light will remain on until the cooktop surface has cooled to a safe temperature.

### 3. Oven Operation

The 6.3 cu. ft. oven offers multiple cooking functions, including convection and air fry.



Figure 5: Oven Interior with Racks

- **Oven Racks:** The oven comes with two adjustable racks. Position them before preheating for optimal cooking results.

- **Preheating:** Select the desired oven function (e.g., Bake) and temperature using the touch controls. The oven will begin to preheat, and the display will show the current temperature. An audible signal will indicate when the set temperature is reached.
- **Bake/Roast:** Standard cooking functions for various dishes.
- **Convection Oven:** The convection fan circulates hot air evenly throughout the oven cavity, reducing cooking time and ensuring consistent results. Use for baking multiple items or roasting large cuts of meat.
- **Air Fry Function:** This specialized function uses intense circulating hot air to cook foods with a crispy exterior, similar to deep-frying, but with less oil. Follow recipe guidelines for air frying.

## 4. Timer and Clock Functions

The digital display allows you to set the clock and use the kitchen timer or oven timer for precise cooking control.

- **Setting the Clock:** Refer to the detailed instructions in the full manual for setting the time of day.
- **Kitchen Timer:** Functions as a countdown timer without affecting oven operation.
- **Oven Timer:** Allows you to set a cooking duration, after which the oven will turn off automatically.

## MAINTENANCE AND CLEANING

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Regular cleaning and maintenance will ensure the longevity and optimal performance of your electric range.

### 1. Cooktop Cleaning

- **Daily Cleaning:** After each use, allow the cooktop to cool completely. Wipe with a damp cloth and mild dish soap. For stubborn stains, use a ceramic cooktop cleaner and a non-abrasive pad.
- **Avoid Abrasives:** Do not use abrasive cleaners, scouring pads, or harsh chemicals, as these can scratch or damage the ceramic glass surface.
- **Spills:** Clean spills as soon as the cooktop is cool enough to touch to prevent them from baking onto the surface.

### 2. Oven Cleaning (Self-Clean Function)

The oven is equipped with a self-clean function to simplify maintenance.

- **Preparation:** Remove all oven racks and any large food debris before starting the self-clean cycle. The racks are not designed to withstand the high temperatures of the self-clean cycle.
- **Initiating Self-Clean:** Follow the instructions on the digital control panel to activate the self-clean cycle. The oven will lock during this process.
- **Ventilation:** Ensure good ventilation in the kitchen during the self-clean cycle, as some odors may be produced.
- **After Cycle:** Once the cycle is complete and the oven has cooled, wipe away any ash residue with a damp cloth.

### 3. Exterior Cleaning

- Wipe stainless steel surfaces with a soft cloth and a mild stainless steel cleaner. Always wipe in the direction of the grain.
- Clean control knobs with a damp cloth and mild soap. Do not immerse them in water.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your electric range. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Range does not operate.	No power supply; circuit breaker tripped.	Check power cord connection. Reset circuit breaker.
Burner not heating.	Burner knob not set correctly; faulty element.	Ensure knob is turned to a heat setting. If problem persists, contact service.
Oven not heating.	Oven function not selected; temperature not set; door not closed properly.	Select desired function and temperature. Ensure oven door is fully closed.
Uneven cooking in oven.	Improper rack position; cookware size/type; oven not level.	Adjust rack position. Use appropriate cookware. Verify range is level.
Self-clean cycle not starting.	Oven door not fully closed and latched.	Ensure oven door is securely closed and latched.

## SPECIFICATIONS

Feature	Detail
Brand	COSMO
Model Number	COS-ERC305WKTD
Installation Type	Slide-In
Fuel Type	Electric
Oven Capacity	6.3 Cubic Feet
Number of Heating Elements	5 (Cooktop)
Cooktop Type	Ceramic Glass (Radiant)
Burner Power (Dual Element)	9 in. 2200W / 6 in. 1000W (Total 3200W)
Burner Power (Single Element)	3000W
Burner Power (Standard)	Two 1200W
Warming Center Power	100W
Oven Functions	Bake, Roast, Convection, Air Fry, Self Clean
Control Console	Knob and Touch
Number of Racks	2
Drawer Type	Storage
Material Type	Stainless Steel
Electrical Requirements	240V / 60Hz, 3-Wire / 4-Wire

Feature	Detail
Product Dimensions (W x D x H)	29.9" x 26.8" x Adjustable 35.5-36.6"
Item Weight	251 pounds

WARRANTY AND SUPPORT




Your COSMO COS-ERC305WKTD Electric Range comes with a limited warranty. Specific warranty details and duration are typically provided in the warranty card included with your product. Please refer to that document for complete terms and conditions.

For technical assistance, service, or warranty inquiries, please contact COSMO customer support. Our customer support team is proudly based in the USA and is available to assist you.

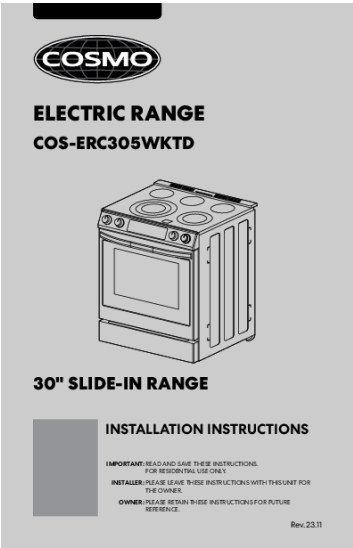
**Contact Information:** Please refer to the contact details provided in your product's warranty registration card or visit the official COSMO website for the most current support information.

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Related Documents - COS-ERC305WKTD

	<p><a href="#">Cosmo Wall Mount Range Hood Installation Guide and User Manual</a></p> <p>Comprehensive installation guide and user manual for Cosmo Wall Mount Range Hoods, covering safety instructions, parts, installation steps, maintenance, troubleshooting, and warranty information for models like COS-63175 and COS-668A750.</p>
	<p><a href="#">Cosmo COS-965AGC / COS-965AGFC 36-Inch Freestanding Gas Range User Manual</a></p> <p>Comprehensive user manual for the Cosmo COS-965AGC and COS-965AGFC 36-inch freestanding gas ranges, covering safety, operation, care, and troubleshooting.</p>
	<p><a href="#">Cosmo Wall Mount Range Hood Installation Guide &amp; User Manual</a></p> <p>Comprehensive installation guide and user manual for Cosmo Wall Mount Range Hoods, covering safety instructions, parts diagrams, installation requirements, parts list, step-by-step installation, filter installation (baffle and charcoal), control operations, maintenance, troubleshooting, and warranty information. Includes models COS-631 series, COS-668A/WRC series, and COS-6324EWH.</p>



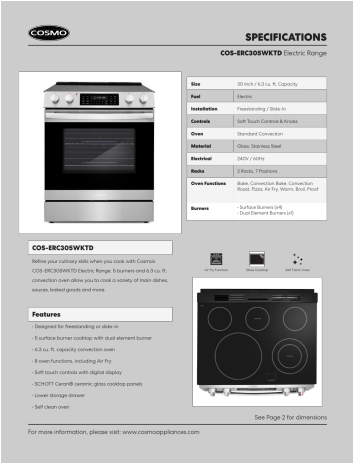


[pdf] User Manual Installation Guide Instructions Guide

Cosmo Staff WC Installation Guide COS ERC305WKTD 30" Professional Style Electric Range Appliances RANGE Manual Rev 23 11 14 cosmoappliances 2023 12 |||

ELECTRIC RANGE **COS-ERC305WKTD** 30 SLIDE-IN RANGE INSTALLATION INSTRUCTIONS IMPORTANT: READ AND SAVE THESE INSTRUCTIONS. FOR RESIDENTIAL USE ONLY. INSTALLER: PLEASE LEAVE THESE INSTRUCTIONS WITH THIS UNIT FOR THE OWNER. OWNER: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. Rev.23.11 THANK Y...

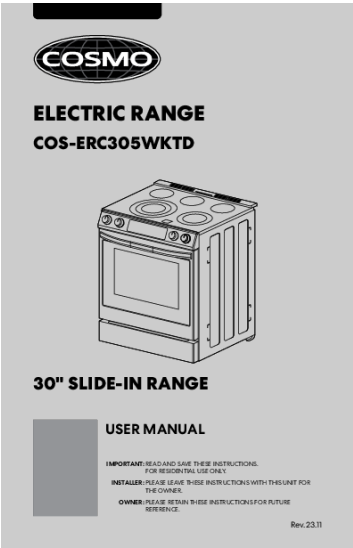
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[pdf] Specifications Dimension Guide

ERC305WKTD Specifications Jan2024 Manuals Cosmo Appliancescosmoappliances 2024 01 ||| SPECIFICATIONS **COS-ERC305WKTD** Electric Range Size Fuel Installation Controls Oven Material Electrical Racks Oven Functions 30 Inch / 6.3 cu. ft. Capacity Electric Freestanding / Slide-In Soft Touch Controls Knobs Standard Convection Glass, Stainless Steel 240V / 60Hz 2 Racks, 7 Positions Bake, C...

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[COSMO COS-ERC305WKTD 30" Electric Slide-In Range User Manual](#)

User manual for the COSMO COS-ERC305WKTD 30-inch electric slide-in range.


Provides safety instructions, operation guides, features, maintenance, and troubleshooting tips for optimal use.

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SPECIFICATIONS

COS-ERC305WKTD Electric Range




COS-ERC305WKTD

Refine your culinary skills when you cook with Cosmo! COS-ERC305WKTD Electric Range, 5 burners and 6.3 cu. ft. convection oven allow you to cook a variety of main dishes, soups, baked goods and more.

Features

- Designed for slide-in installation
- 5 surface burner cooking with dual element burner
- 6.3 cu. ft. capacity convection oven
- 8 cook functions, including Air Fry
- Soft touch controls with digital display
- SCOTT Control® ceramic glass cooktop panels
- Oven through glass view
- Self-clean oven



Air Fry Function

Oven Control

Self Clean Oven

See Page 2 for dimensions

For more information, please visit: [www.cosmoappliances.com](http://www.cosmoappliances.com)

[Cosmo COS-ERC305WKTD 30-Inch Electric Range Specifications and Dimensions](#)

Explore the detailed specifications and dimensions for the Cosmo COS-ERC305WKTD 30-inch electric range. This model features a 6.3 cu. ft. convection oven, 5-burner ceramic glass cooktop with Air Fry, and a self-cleaning function.

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**IMPORTANT:** READ AND SAVE THESE INSTRUCTIONS.  
FOR RESIDENTIAL USE ONLY.

**INSTALLER:** PLEASE LEAVE THESE INSTRUCTIONS WITH THIS UNIT FOR THE OWNER.

**OWNER:** PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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Cosmo Staff WC Installation And AssemblyCosmo 30 in Haven Collection 6 3 cu ft Electric Range 5  
Burner Ceramic Glass Cooktop Self Clean Air Fry Stainless Steel Reviews Wayfairerc305wktd installation  
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ERC305WKTD Specifications Nov2023 COS 30" Professional Style Electric Range Cosmo Appliances  
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**SPECIFICATIONS COS-ERC305WKTD** Electric Range Size Fuel Installation  
Controls Oven Material Electrical Racks Oven Functions 30 Inch / 6.3 cu. ft. Capacity  
Electric Freestanding / Slide-In Soft Touch Controls Knobs Standard Convection  
Glass, Stainless Steel 240V / 60Hz 2 Racks, 7 Positions Bake, C...

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## SPECIFICATIONS

### COS-ERC30SWTD Electric Range

#### COS-ERC30SWTD

Before your delivery starts when you cook with Cosmo COS-ERC30SWTD Electric Range, 30-Inch (width) by 36-Inch (depth) oven allow you to cook in variety of main dishes, soups, baked goods and more.

#### Features

- Designed for freestanding or slide-in
- 5-burner burner cooktop with dual element burner
- 6.3 cu. ft. capacity oven cooktop
- 5 oven functions
- Self-cleaning cooktop with digital display
- Power control knobs

<b>Size</b>	30 inch / 63 cu. ft. Capacity
<b>Heat</b>	Electric
<b>Installation</b>	Freestanding / Slide-In
<b>Inside Finish</b>	Self-Touch Chrome-Knobs
<b>Oven</b>	Standard Convection
<b>Material</b>	Glass, Stainless Steel
<b>Weight</b>	200 lb. (90 kg)
<b>Builds</b>	2-Stack / 3-Position
<b>Oven Functions</b>	Bake, Convection Bake, Convection Broil, Bake with Top Element, Broil, Proof
<b>Burners</b>	5-Burner Burner (L) (Dual Element Burner (R))

See Page 2 for dimensions

For more information, please visit: [www.cosmoplanet.com](http://www.cosmoplanet.com)

# SPECIFICATIONS

## COS-EC30SWKT Electric Range

<b>Size</b>	30 1/2" / 63.5 cm. H. Capacity
<b>Fuel</b>	Electric
<b>Installation</b>	Freestanding / Built-in
<b>Controls</b>	Self-Clean Controls with Slide
<b>Oven</b>	Standard Convection
<b>Material</b>	Stainless Steel
<b>Electrical</b>	240V / 120V
<b>Range</b>	Electric / Freestanding
<b>Oven Features</b>	Bake, Convection Bake, Convection Broil, Roast, Air Fry, Broil, Broil Proof, Defrost
<b>Burners</b>	4 Solid Burners Dual Element Burner (L)

### COS-EC30SWKT

Before you install this unit, when you cook with Cosmos COS-EC30SWKT Electric Range, it is recommended to be in a well-ventilated area. This unit is not designed for use in a kitchen with no exhaust fan or range hood. To ensure proper ventilation, please use a range hood or exhaust fan.

### Features

- Designed for freestanding or slide-in
- 5 Solid Burners including a dual element burner
- 6.3 cu. ft. capacity convection oven
- 8 oven functions, including Air Fry
- Self clean control with digital display
- 240V/120V Convection, gas, electric controls
- Stainless Steel finish
- Self clean oven

See Page 7 for dimensions

For more information, please visit: [www.cosmosappliance.com](http://www.cosmosappliance.com)

[\[pdf\]](#) Specifications Dimension Guide Catalog

ERC305WKTD Specifications Jan2024 9e5c8f46 7dc0 445b 9a42 2aa8417f60d3 images thdstatic catalog  
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SPECIFICATIONS **COS-ERC305WKTD** Electric Range Size Fuel Installation  
Controls Oven Material Electrical Racks Oven Functions 30 Inch / 6.3 cu. ft. Capacity  
Electric Freestanding / Slide-In Soft Touch Controls Knobs Standard Convection  
Glass, Stainless Steel 240V / 60Hz 2 Racks, 7 Positions Bake, C...

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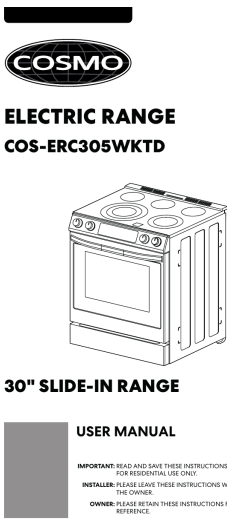


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[\[pdf\]](#) User Manual Owner's Manual Instructions

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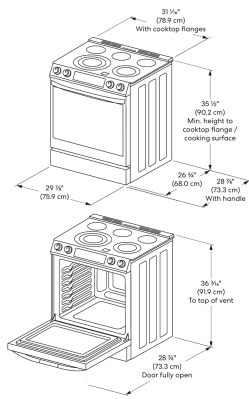
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COS-ERC305WKTD



## [\[pdf\]](#) Specifications

Cosmo COS 965AGC Dimension Drawing Appliances SpecificationsCosmo 30 in Haven Collection 6 3 cu ft Electric Range 5 Burner Ceramic Glass Cooktop Self Clean Air Fry Stainless Steel Reviews

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**COS-ERC305WKTD** 31 78.9 cm With cooktop flanges 29 75.9 cm 35 90.2 cm Min.

height to cooktop flange / cooking surface 26 68.0 cm 28 73.3 cm With handle 36 91.9 cm To top of vent 28 73.3 cm Door fully open ...

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