

DR30ES, DR30EFS, DR30EIS, DR30EIFS

Document # PG05-008

Revised 05/23/13 Page 1/4



Distinctive™ 30" Wide Electric Ranges

PLANNING GUIDE

Model Versions

| Model | Configuration | Handle Type |
|---------------|--|----------------------------------|
| DR30ES[-C]* | Freestanding, (full size side panels) | Mounted on outside of door |
| DR30EFS[-C]* | Freestanding, (full size side panels) | Flush handle, integrated in door |
| DR30EIS[-C]* | Built-in/Slide-in (3 1/4" removable side panels) | Mounted on outside of door |
| DR30EIFS[-C]* | Built-in/Slide-in (3 1/4" removable side panels) | Mounted on outside of door |

* Order -C option for corded wiring configuration, see page 3/4 for details.

WARNING

- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.

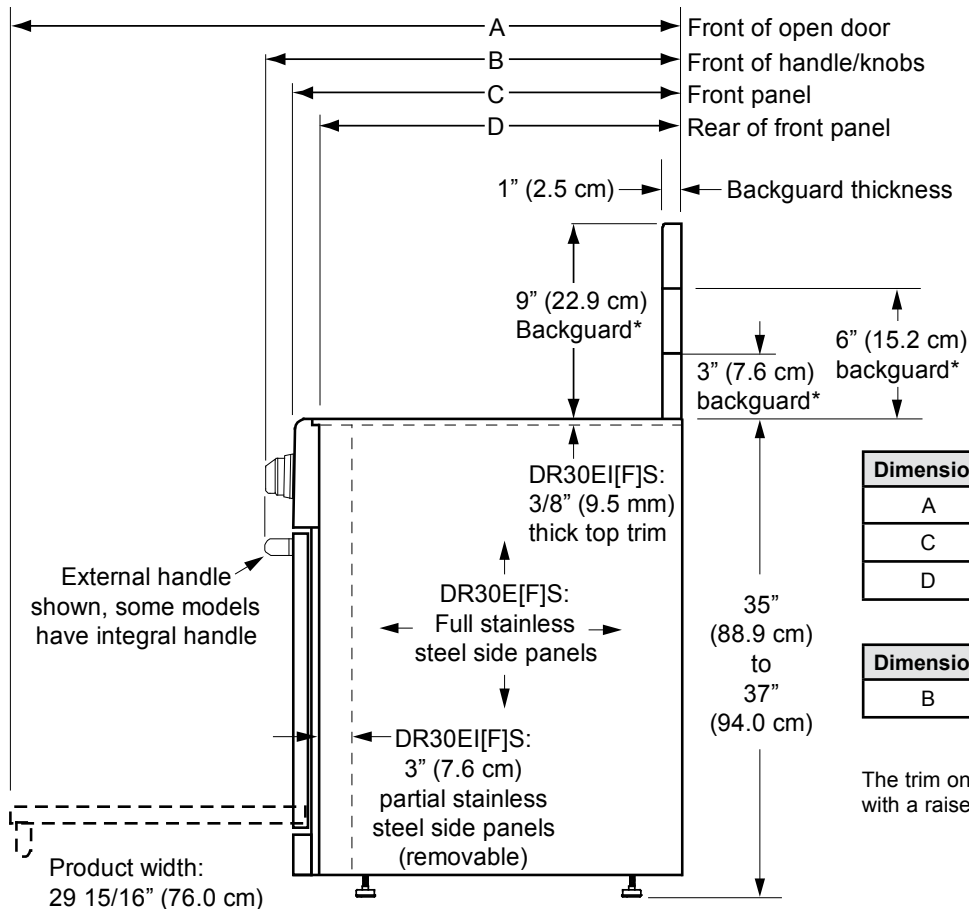
Available Backguards

| Part Number | Description | Compatibility |
|-------------|-------------|--|
| ADRB30E03 | 3 Inch | Optional on all models |
| ADRB30E06 | 6 Inch | Standard on models DR30ES, DR30EFS Optional on models DR30EIS, DR30EIFS |
| ADRB30E09 | 9 Inch | Optional on all models |

Models DR30EIS and DR30EIFS come equipped from the factory with flat stainless trim piece in place of a backguard. A backguard may be purchased as an optional accessory. A backguard may be purchased as an optional accessory for slide-in (non-self-rimming) installations. Add an additional 1/16 inch to depth dimensions below when installing a backguard on models DR30EIS and DR30EIFS.

Product Dimensions

All tolerances $\pm 1/16"$ (± 1.6 mm) unless otherwise noted.



| Dimension | DR30ES, DR30EFS | DR30EIS, DR30EIFS |
|-----------|--------------------|---------------------|
| A | 46 1/4" (117.5 cm) | 46 1/16" (117.0 cm) |
| C | 25 1/2" (64.8 cm) | 25 5/16" (64.3 cm) |
| D | 23 3/8" (59.4 cm) | 23 3/16" (58.9 cm) |

| Dimension | DR30ES, DR30EIS | DR30EFS, DR30EIFS |
|-----------|-------------------|-------------------|
| B | 27 7/8" (70.8 cm) | 27 1/2" (69.9 cm) |

The trim on models DR30ES and DR30EFS are not compatible with a raised vent.

*See table for compatibility

OVERALL DEPTH DIMENSIONS - SIDE VIEW



DR30ES, DR30EFS, DR30EIS, DR30EIFS

Document # PG05-008

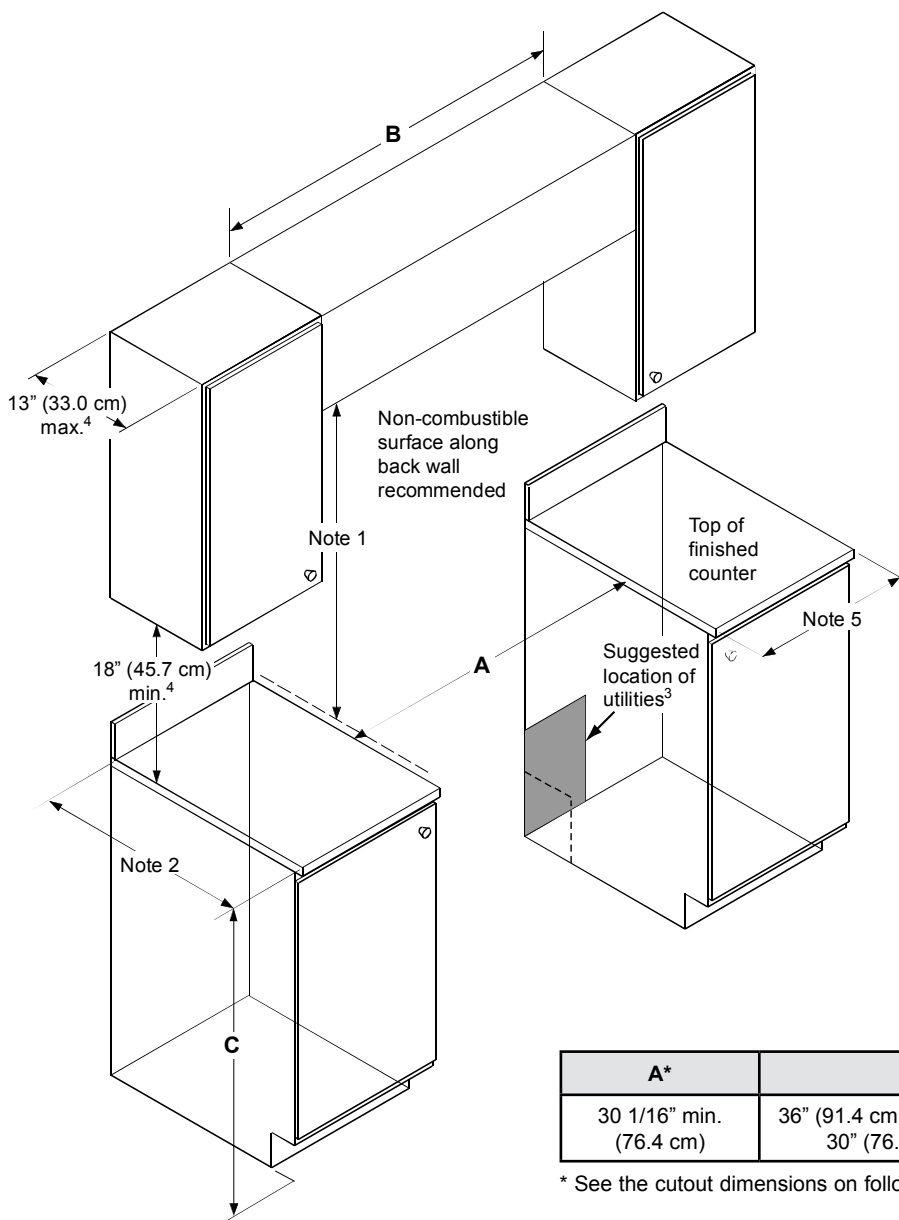
Revised 05/23/13 Page 2/4



Distinctive 30" Wide Electric Ranges

PLANNING GUIDE

All tolerances +1/16" (+1.6 mm), -0 unless otherwise noted.



- Failure to meet or exceed the maximum and minimum dimensions/clearances stated may result in a fire hazard.
- The shaded area shown denotes the location of the electrical junction box/receptacle. This is the suggested location. For replacement purposes, the location of the existing electrical supply may be utilized provided that it does not interfere with the sides or rear of the range.
- Access to the remote circuit breaker panel/fuse box, with the range in place and operating, must also be allowed for in the installation.
- The electrical junction box/receptacle must be located so that it does not interfere with the range when it is installed and under operation. In addition, the junction box/receptacle must be located so the range can be removed for service and remain connected to power.
- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above surface units should be avoided. If cabinet storage space is to be provided directly above the range, the risk of personal injury may be reduced by installing a range hood.
- In all instances, installation of a range hood is highly recommended. The hood should project horizontally a minimum of five (5) inches beyond the face of the cabinets. See the range hood specifications for minimum clearances.
- The range may be installed flush to the rear wall. See diagram and notes for rear wall surface requirements. It is not necessary to install non-combustible materials behind the range below the countertop height.
- Any openings in the wall behind the appliance or in the floor underneath it must be sealed.

| A* | B | C |
|----------------------------|---|-----------------------|
| 30 1/16" min. (76.4 cm) | 36" (91.4 cm) recommended 30" (76.2 cm) min. | 37" (94.0 cm) max. |

* See the cutout dimensions on following page for self-rimming installations.

FREESTANDING INSTALLATION CABINET CUTOUT DIMENSIONS - MODELS DR30ES, DR30EFS, DR30EIS AND DR30EIFS

¹30" (76.2 cm) min. vertical clearance from top of range grates to bottom of uncovered wood or metal cabinet. 24" (61 cm) min. clearance if bottom of wood or metal cabinets are protected by not less than 1/4" (0.6 cm) flame retardant millboard covered with no less than No. 28 MSG sheet steel 0.015" (0.04 cm) stainless steel, or 0.024" (0.06 cm) aluminum or 0.020" (0.05 cm) copper. If installing range hood, check the hood specifications for minimum required clearances.

²Cabinet/countertop depth is at discretion of customer but cabinet face SHALL NOT protrude further than rear of front panel. See Product Dimensions.

³Consult local code and following pages for requirements.

⁴This specification not applicable for cabinets more than a horizontal distance of 10" (25.4 cm) from edge of range.

⁵10" (25.4 cm) min. to combustible sidewalls above range (both sides).

DR30ES, DR30EFS, DR30EIS, DR30EIFS

Document # PG05-008

Revised 05/23/13 Page 3/4



Distinctive 30" Wide Electric Ranges

PLANNING GUIDE

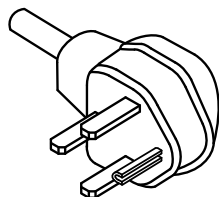
Electrical Specifications

| ELECTRICAL REQUIREMENTS | |
|---------------------------------|------------------------|
| Electrical Circuit Required | Total Connected Load** |
| 240 Vac 60 Hz, 4 wire*, 50 Amp. | 11.94kW (49.75 Amp.) |

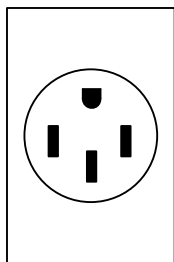
*Two 120 Vac hot (L1 and L2), one neutral (N1) and one ground.

**This information above is for reference only. If the above data does not agree with the product data label, use the data on the product data label.

IMPORTANT: Models with -C option suffix are ranges that come with a factory installed 4-wire appliance cord with NEMA 14-50P plug. For freestanding ranges installed in Canada, a factory installed 4-wire appliance cord with NEMA 14-50P plug is required, without modification. For slide-in ranges installed in Canada and all ranges installed outside of Canada, the 4-wire appliance cord configuration (-C type) is optional and may be utilized where local codes permit. The plug is designed to plug directly into a NEMA 14-50R electrical receptacle installed by a licensed electrician according to the above specifications.



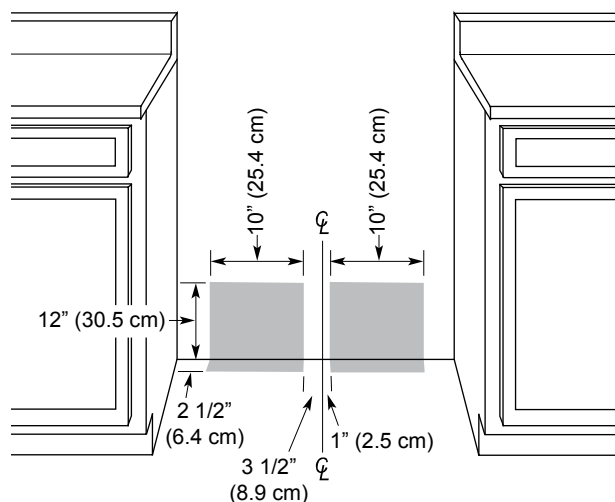
NEMA 14-50P PLUG



NEMA 14-50R RECEPTACLE

Factory Wiring

| Models | Factory Electrical Connection |
|-----------------------|--|
| DR30ES, DR30EFS | Power cord not installed. Not for installation in Canada. |
| DR30ES-C, DR30EFS-C | Cord connected, for installation in Canada and U.S.A., where local codes permit. |
| DR30EIS, DR30EIFS | No power cord. May be installed in Canada and U.S.A. |
| DR30EIS-C, DR30EIFS-C | Cord connected, may be installed in Canada and U.S.A., where local codes permit. |



UTILITY CLEARANCE BEHIND RANGE

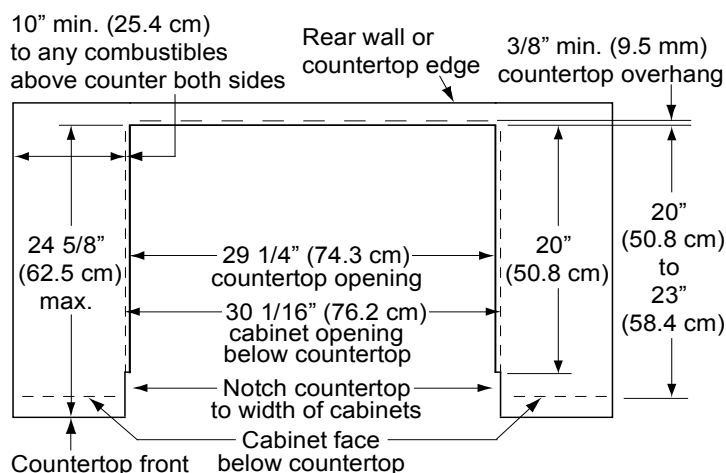
Self-Rimming Installation Cutout Options (Models DR30EIS and DR30EIFS Only)

All tolerances +1/16" (+1.6 mm), -0 unless otherwise noted.

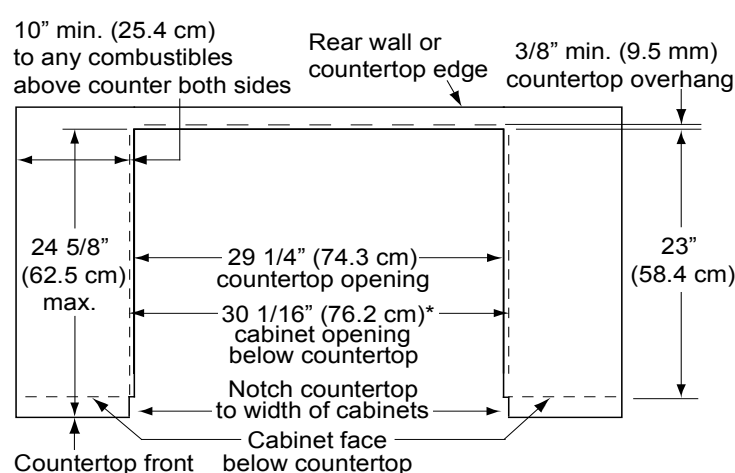
Countertop height: 34 3/4" (88.3 cm) min.

36 7/8" (93.7 cm) max.

Countertop thickness: 1 5/8" (4.1 cm) max.



TOP VIEW - SLIDE-IN, SELF-RIMMING INSTALLATION, 3" SIDE PANELS INSTALLED



TOP VIEW - SLIDE-IN, SELF-RIMMING INSTALLATION, 3" SIDE PANELS REMOVED

* To create a "built-in look" on the front of the cabinet, this dimension may be changed to 29 1/4" (74.3 cm), with the width at the notches remaining 30 1/16". This configuration is only for models DR30EIS and DR30EIFS with side panels behind door removed.

DR30ES, DR30EFS, DR30EIS, DR30EIFS

Document # PG05-008

Revised 05/23/13 Page 4/4



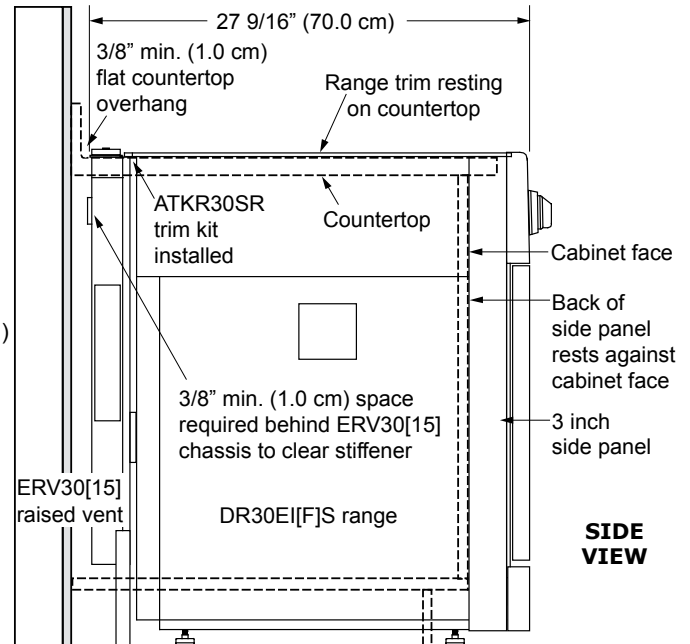
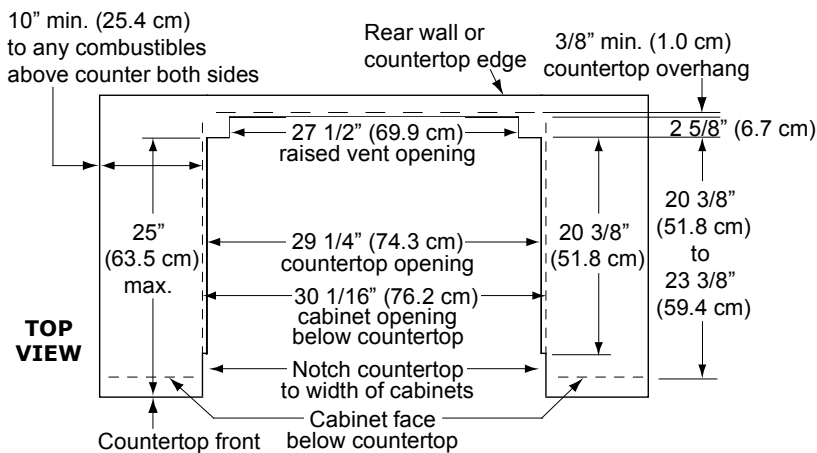
Distinctive 30" Wide Electric Ranges

PLANNING GUIDE

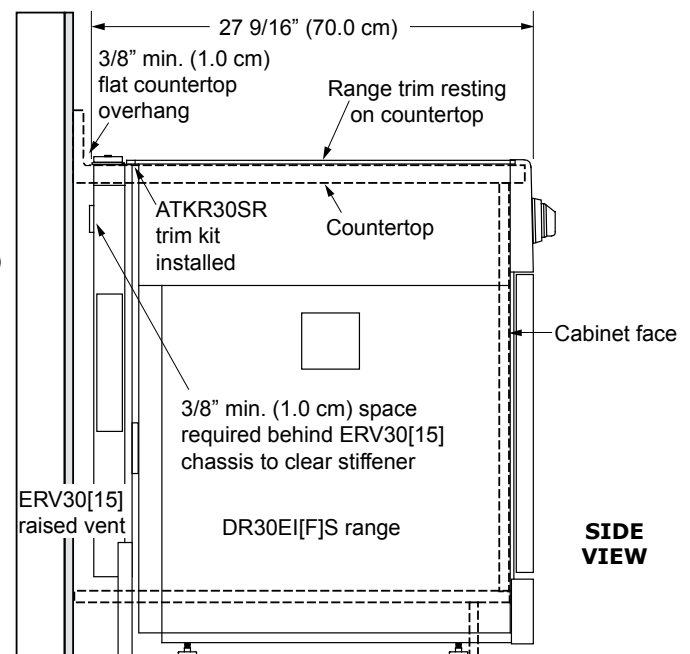
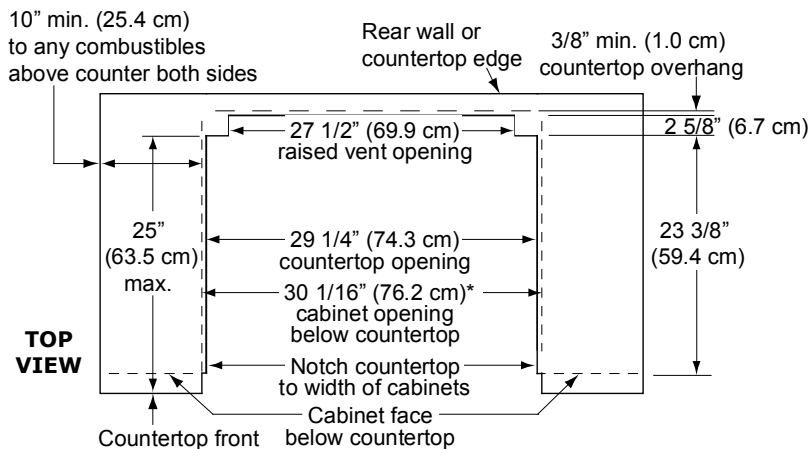
All tolerances +1/16" (+1.6 mm), -0 unless otherwise noted.

- Only models DR30EIS and DR30EIFS may be installed with a raised vent. Use only Dacor raised vent models ERV30 and ERV3015. Trim kit PN ATKR30SR is required for proper installation of a raised vent with these range models.
- A self-rimming countertop configuration is required for raised vent installation. On installations with a raised vent, when sliding the range into position, it will stop when the rear of the control panel or side panels contact the notches toward the front of the countertop.
- The self-rimming installation of the DR30EI[F]S range and ERV30[15] raised vent create a "built-in" look where the range trim overlaps the countertop on both sides and the raised vent overlaps the countertop in back.

Countertop height: 34 3/4" (88.3 cm) min.
36 7/8" (93.7 cm) max.
Countertop thickness: 1 5/8" (4.1 cm) max.



DOWNDRAFT ERV30[15] WITH SLIDE-IN, SELF-RIMMING INSTALLATION WITH 3" SIDE PANELS INSTALLED



DOWNDRAFT ERV30[15] WITH SLIDE-IN, SELF-RIMMING INSTALLATION WITH 3" SIDE PANELS REMOVED

* To create a "built-in look" on the front of the cabinet, this dimension may be changed to 29 1/4" (74.3 cm), with the width at the notches remaining 30 1/16". This configuration is only for models DR30EIS and DR30EIFS with side panels behind door removed.