Just like the fantastic dishes your clients plan to cook in their Viking kitchen, creating the perfect kitchen is a work of art in itself. To make your task easier, Viking offers this Installation Guide.

The precise details in these pages will ensure everything fits perfectly when it’s installed – the first time. No more moving the molding over 1/4" to accommodate the dishwasher or dismantling the cabinetry for the slightly-larger-than-you-planned refrigerator.

From custom panels to electrical outlets, these meticulous measurements and diagrams give you all the information you need to do your job quickly, easily, and perfectly.

**BUILT-IN REFRIGERATION PRODUCTS**

Viking offers four types of built-in refrigerator design options, in either 36" wide bottom-mount or 48" wide side-by-side configurations.

- Professional Series model available in stainless steel and 13 other color finishes, all available with brass trim option
- Designer Series model with installation options of:
  - Designer Series door panel in stainless steel and five other color finishes, available with brass trim option
  - Trim model 1/4" thick custom door panel with full-length extruded handle
  - Full Overlay 3/4" thick custom door panel with custom handle (Designer Series and Professional Series handle kits available to mount on door panel)
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**Built-in Refrigeration**

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Plumbing and Electrical Requirements

**AREA REQUIREMENTS**

Verify the Following:

- Refrigerator can fit into residence and can be moved around corners and through doorways.
- Floors can support refrigerator’s weight plus food weight (approximately 1,200 pounds).
- Finished kitchen floor height is level with cutout floor height. Refrigerator must be shimmed if floor heights are not equal.
- Rear wall is solid and is able to support a horizontally mounted 2x4 (attached to rear of refrigerator) bolted to two wall studs. The 2x4 board boltheads must be flush with 2x4 to prevent obstruction.
- Remove anything attached to rear or side walls that can obstruct refrigerator opening.
- Cutout dimensions are accurate.
- Electrical outlet is in correct location.
- Water line is in correct location.

**ELECTRICAL REQUIREMENTS**

It is the Customer’s Responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or Canadian Electrical Code C22.1-1998 and C22.2 No. 0-M91 (or latest edition), and all local codes and ordinances.
- 120 volt, 60Hz, 15 amp, fused, electrical supply is required. It is recommended that a separate circuit serving only this appliance be provided. This appliance is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong, grounding-type wall receptacle. Do not use an extension cord.
  
  - If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path is adequate. Do not ground to a gas pipe. Check with a qualified electrician if you are not sure the appliance is properly grounded. Do not have a fuse in the neutral or grounding circuit.

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**WARNING**

ELECTRICAL SHOCK HAZARD
Electrically ground refrigerator.
Do not use an extension cord.
Failure to follow these instructions could result in fire or electrical shock.
Plumbing and Electrical Requirements

WATER SUPPLY REQUIREMENTS

- Use only 1/4” (6 mm) copper tubing for water line. Do not install copper tubing in area where temperatures drop below 32˚F (0˚C). Before attaching copper tubing to refrigerator, flush at least 2 quarts (1.9 L) of water through the copper tubing and into a bucket to get rid of any particles in the water line.
- Connect 1/4” (6 mm) flexible copper tubing to household plumbing in compliance with local codes and ordinances.
- Length of copper tubing must reach from water supply connection to refrigerator supply connection plus an additional 24” (61.0 cm). Tubing should be soft instead of rigid, and ends should be free of burrs.
- Copper tubing route must be above 35˚F (1.6˚C) to prevent water line from freezing.
- Place shut-off valve in an easily accessible location between water supply and refrigerator. Do not locate shut-off valve behind refrigerator.
- Do not use plastic water lines.
- Do not use self-piercing valve. Viking Range Corporation is not responsible for property damage due to improper installation or water connection.
- Run water line through the floor, back, or side wall. Tubing should lay flat on floor underneath refrigerator. Clamp tubing to wall or floor.

WARNING

ELECTRICAL SHOCK HAZARD
Some water may remain in line. Electric drill must be grounded to prevent severe or lethal shock if water is in line and enters drill during use.
MOUNTING BOARD
TWO 2x4s TOTAL
THICKNESS 3” (7.6 cm)

32-9/16” (82.7 cm)
3-3/8” (8.6 cm)

2 LAG BOLT LOCATIONS
1” (2.5 cm)
3-1/2” (8.9 cm)

NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 24” (61.0 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.

ELECTRICAL OUTLET LOCATION

5-3/8” (13.7 cm)
27-1/2” (69.9 cm)

80-1/2” (204.5 cm)

83-1/4” (211.5 cm) MIN
84-1/16” (213.5 cm) MAX
HEIGHT

83-1/4” (211.5 cm) MIN
84-1/16” (213.5 cm) MAX
HEIGHT

WATER LINE ENTRY; SEE PAGE 1.09

OVERALL WIDTH
25-1/2” (64.2 cm)

WATER LINE
24" (61.0 cm)

PROFESSIONAL 36" WIDE BOTTOM-MOUNT,
CABINET OPENING DIMENSIONS
NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 24" (61.0 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.

ELECTRICAL OUTLET LOCATION

83-1/4" (211.5 cm) MIN
84-1/16" (213.5 cm) MAX
HEIGHT

WATER LINE ENTRY; SEE PAGE 1.09

PROFESSIONAL 48" WIDE SIDE-BY-SIDE, CABINET OPENING DIMENSIONS
NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 24" (61.0 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.

ELECTRICAL OUTLET LOCATION

WATER LINE ENTRY; SEE PAGE 1.08

OVERALL WIDTH

DESIGNER SERIES AND TRIM MODEL 36" WIDE BOTTOM-MOUNT,
CABINET OPENING DIMENSIONS
NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 24" (61.0 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.

48" (121.9 cm) OVERALL WIDTH

5-3/8" (13.7 cm)
MOUNTING BOARD ONE 2"x4"
TOTAL THICKNESS 1-1/2" (3.8 cm)

NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 25" (63.5 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.

ELECTRICAL OUTLET LOCATION

WATER LINE ENTRY; SEE PAGE 1.09

FULL OVERLAY 36" WIDE BOTTOM-MOUNT,
CABINET OPENING DIMENSIONS
NOTE:
IF UNIT IS INSTALLED IN AN ENCLOSURE DEEPER THAN 25" (63.5 cm), THEN INCREASE THE MOUNTING BOARD THICKNESS BY THE SAME AMOUNT.
PLUMBING DIMENSIONS

A = 25° for Full Overlay models;
24° for Professional, Designer Series, and Trim models
DESIGNER SERIES 36" WIDE BOTTOM-MOUNT DIMENSIONS
FULL OVERLAY 36" WIDE BOTTOM-MOUNT DIMENSIONS
DOOR SIDE TRIM

SIDE TRIM

PROFESSIONAL 48" WIDE SIDE-BY-SIDE DIMENSIONS
DESIGNER SERIES 48" WIDE SIDE-BY-SIDE DIMENSIONS
TRIM MODEL 48” WIDE SIDE-BY-SIDE DIMENSIONS
FULL OVERLAY 48" WIDE SIDE-BY-SIDE DIMENSIONS
DOOR-SWING DIMENSIONS

NOTE: All doors can be set at 90°, 110°, or 120° hinge stop during installation.
PRODUCT DIMENSIONS AND TIPPING RADII
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- Designer Series models 2.04-2.06
- Trim models 2.07-2.12
- Full Overlay models 2.13-2.16

Built-in Refrigeration
Viking Professional 36” and 48” wide built-in models fit “semi-flush” in standard 24” depth cabinet openings. The door face protrudes 2 1/2” from the cabinet face. The Viking professional handle protrudes an additional 2 1/2” into the room.
DETAIL “C”

PROFESSIONAL 36” WIDE BOTTOM-MOUNT, CABINET ENCLOSURE DESIGN DETAILS, CONTINUED
DETAIL “D”

PROFESSIONAL 48” WIDE SIDE-BY-SIDE, CABINET ENCLOSURE DESIGN DETAILS
DESIGNER SERIES 36" WIDE BOTTOM-MOUNT, CABINET ENCLOSURE DESIGN DETAILS

Viking Designer Series 36" and 48" wide built-in models fit “flush” in 24” deep cabinet openings, with no protrusion into room except 2” curved handle depth.
DETAILED DESIGNER SERIES 36" WIDE BOTTOM-MOUNT, CABINET ENCLOSURE DESIGN DETAILS, CONTINUED
Viking Designer Series 48” wide built-in models fit “flush” in 24” deep cabinet openings, with no protrusion into room except 2” curved handle depth.
TRIM MODEL 36" WIDE BOTTOM-MOUNT, CABINET ENCLOSURE DESIGN DETAILS

Viking Trim models, (with 1/4" thick panels locally supplied), fit flush in standard 24" deep cabinet openings. The extruded handles protrude 1" into the room.
Trim models can be mounted up to 3/4" forward in cabinet opening to align refrigerator raised panels with cabinet door raised panels.
Trim models can be mounted up to 3/4" forward in cabinet opening to align refrigerator door face with overlay cabinet door faces.
Viking Trim models, (with 1/4" thick panels locally supplied), fit flush in standard 24" deep cabinet openings. The extruded handles protrude 1" into the room.
Trim models can be mounted up to 3/4" forward in cabinet opening to align refrigerator raised panels with cabinet door raised panels.
Trim models can be mounted up to 3/4" forward in cabinet opening to align refrigerator door face with overlay cabinet door faces.
Viking Full Overlay models, (with 3/4” thick panels and custom handles locally supplied), fit flush in 25” deep (countertop depth) cabinet openings, with no protrusion into room except custom handles.
Full Overlay models can be installed in standard 24" deep openings. However, the door faces and top ventilation grill will protrude 3/4" into the room, ideal for alignment with Full Overlay cabinet doors.
Viking Full Overlay models, (with 3/4" thick panels and custom handles locally supplied), fit flush in 25" deep (countertop depth) cabinet openings, with no protrusion into room except custom handles.
Full Overlay models can be installed in standard 24" deep openings. However, the door faces and top ventilation grill will protrude 3/4" into the room, ideal for alignment with Full Overlay cabinet doors.
Section 3. Trim Panel, Full Overlay Panel, Ventilation, and End Panel Dimensions

- 36" wide 1/4" thick Trim panel dimensions (locally supplied)  3.01-3.02
- 48" wide 1/4" thick Trim panel dimensions (locally supplied)  3.03-3.04
- 36" wide 3/4" thick Full Overlay panel dimensions (locally supplied)  3.05-3.06
- 48" wide 3/4" thick Full Overlay panel dimensions (locally supplied)  3.07
- 36" & 48" wide custom air grill dimensions (locally supplied)  3.08-3.11
- Custom side panel dimensions 3/4" thick (locally supplied)  3.12-3.13
- Custom side panel dimensions 1/4" thick (locally supplied)  3.14
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TRIM MODEL 36" WIDE BOTTOM-MOUNT, TRIM PANEL DIMENSIONS

Viking-supplied extruded handles with locally supplied 1/4" thick Trim panels.
Viking-supplied extruded handles with locally supplied 1/4" thick Trim panels with attached raised panels.
TRIM MODEL 48" WIDE SIDE-BY-SIDE, TRIM PANEL DIMENSIONS

Viking-supplied extruded handles with locally supplied 1/4" thick Trim panels.
Viking-supplied extruded handles with locally supplied 1/4" thick Trim panels with attached raised panels.
Locally supplied 3/4" thick Full Overlay panels with locally supplied custom handles.
Locally supplied 3/4" thick Full Overlay panels with locally supplied custom handles.
FULL OVERLAY MODEL 48" WIDE SIDE-BY-SIDE, FULL OVERLAY DIMENSIONS

Locally supplied 3/4" thick Full Overlay panels with locally supplied custom handles.
TRIM AND FULL OVERLAY MODEL 36" WIDE BOTTOM-MOUNT, CUSTOM AIR GRILL DETAILS
TRIM AND FULL OVERLAY MODELS 36" WIDE BOTTOM-MOUNT, CUSTOM HINGE COVER DETAILS

TRIM COVER DETAILS

- 3-1/32" (10.2 cm) THICK MATERIAL
- 9/32" (0.7 cm)
- 25/32" (1.8 cm)
- 3-1/8" (7.9 cm)
- 26° TOWARD ROOM

FULL OVERLAY COVER DETAILS

- 3-3/4" (9.5 cm)
- 4-1/32" (10.2 cm)
- 9/32" (0.7 cm)
- 25/32" (1.8 cm)
- 26° TOWARD ROOM

NOTE:

- THESE 2 COVERS ARE ORIENTED FOR LEFT-HAND REFRIGERATOR DOOR. USE MIRROR IMAGE FOR RIGHT-HAND DOOR.
Sheet Metal Air Plenum supplied with refrigerator.

Trim and Full Overlay Model 48” wide side-by-side, custom air grill details.
Trim and Full Overlay Models 48" Wide Side-by-Side, Custom Hinge Cover Details
CUSTOM 3/4" THICK SIDE PANELS

Custom locally supplied 3/4" (1.9 cm) side panel for Professional model refrigerators.
CUSTOM 3/4" THICK SIDE PANELS, CONTINUED

Custom locally supplied 3/4" (1.9 cm) thick side panels for Designer Series, Trim, and Full Overlay models.

Requires side panel hardware kit (kit number SPHKDS).
CUSTOM 1/4" THICK SIDE PANELS

Custom locally supplied 1/4" (0.6 cm) thick side panels for Designer Series, Trim, and Full Overlay models. Requires side panel hardware kit (kit number SPHKDS).
Z-BRACKET INSTALLATION

Z-BRACKET MOUNTING DETAIL

FULL OVERLAY MODEL 36" WIDE BOTTOM-MOUNT, Z-BRACKET INSTALLATION
Z-BRACKET INSTALLATION

Z-BRACKET MOUNTING DETAIL

FULL OVERLAY MODEL 48" WIDE SIDE-BY-SIDE, Z-BRACKET INSTALLATION
Appendix A. Color Finish Options

- Color finish options, Professional, Designer Series, Trim, and Full Overlay models
- Color finish sample sheets
Color Finish Options

TRIM FINISHES
Brass (BR), Aluminum Anodized (AA)

PROFESSIONAL SERIES
Stainless Steel (SS), Black (BK), White (WH),
Almond (AL), Biscuit (BT), Stone Gray (SG),
Graphite Gray (GG), Burgundy (BU), Lemonade (LE),
Mint Julep (MJ), Forest Green (FG), Viking Blue (VB),
Cobalt Blue (CB), Eggplant (EP)

DESIGNER SERIES
Stainless Steel (SS), Black (BK),
White (WH), Biscuit (BT), Stone Gray (SG),
Graphite Gray (GG)