DWHD440MFP **EMERALD® 4-PROGRAM DISHWASHER**

PROFESSIONAL SERIES HANDLE













Also Available In:

DWHD440MFM - Flat Stainless Steel Panel with Masterpiece® Series Handle DWHD440MPR - Custom Panel

FEATURES & BENEFITS

- Sens-A-Wash® measures water cleanliness and adjusts wash
- Three stage advanced filtration recirculates water for sparkling
- Accommodates 15 plate settings for your dinner parties
- Extra Dry Option ensures perfectly dry dishes and sanitizes 99.9% of bacteria
- Impressively Quiet®-48 dBA for peaceful kitchen experience

| ACCESSORIES (OPTIONAL) | |
|---|------------|
| Dishwasher Supply and Drainage Hose Extension 76 3/4" | SGZ1010UC |
| Dishwasher 3-Prong Power Cord 66 7/8" | SMZPC002UC |
| Dishwasher Accessory Kit | SGZ1052UC |
| Fine Silverware Carafe | SMZ5002UC |
| Power Cord with Connectors* | SGZPC001UC |

^{*}Use only this power cord for plug / receptacle connections









Fine

Carafe

Silverware

Accessory Kit includes Extra-tall-item Sprinkler, Vase / Bottle Holder, 3 Plastic Item Clips and Small Item Basket

| GENERAL PROPERTIES | | |
|---|---|--|
| Number Of Wash Cycles | 4 | |
| Number Of Options | 4 | |
| dBA | 48 | |
| Third Rack | N/A | |
| Rack Adjustability | Rackmatic 3-Stage | |
| Tub Material | Stainless Steel | |
| Control Type | Buttons | |
| Concealed Heating Element | Yes | |
| Leak Protection System | N/A | |
| Water Softener | No | |
| Five-Level Wash | Yes | |
| Childlock | No | |
| EFFICIENCY | | |
| Water Usage Per Cycle (g) | 2.9 g | |
| Energy Efficiency Class | Tier 1 | |
| ENERGY STAR® Qualified | Yes | |
| Total Annual Energy Consumption (kWh) | 279 kWh | |
| Total Annual Water Consumption (g) | 624 g | |
| CAPACITY | | |
| Number Of Place Settings | 15 | |
| TECHNICAL DETAILS | | |
| Watts (W) | 1,300 W | |
| Current (A) | 12 A | |
| Volts (V) | 120 V | |
| F (11) | | |
| Frequency (Hz) | 60 Hz | |
| Power Cord Length (in) | 60 Hz 47 1/4" | |
| | | |
| Power Cord Length (in) | 47 1/4" | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) | 47 1/4" 14 | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake | 47 1/4" 14 120° F | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) | 47 1/4" 14 120° F 53" | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) | 47 1/4" 14 120° F 53" | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) Required Cutout Size (HxWxD) (in) | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" 33 7/8" × 23 5/8" × 24" | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) Required Cutout Size (HxWxD) (in) Adjustable Feet | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" 33 7/8" × 23 5/8" × 24" Yes | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) Required Cutout Size (HxWxD) (in) Adjustable Feet Net Weight (lbs) | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" 33 7/8" × 23 5/8" × 24" Yes | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) Required Cutout Size (HxWxD) (in) Adjustable Feet Net Weight (lbs) | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" 33 7/8" × 23 5/8" × 24" Yes 86 lbs | |
| Power Cord Length (in) Minimum Water Pressure (lb/sin) Max. Temperature for Water Intake Length Inlet Hose (in) Length Outlet Hose (in) DIMENSIONS & WEIGHT Overall Appliance Dimensions (HxWxD) (in) Required Cutout Size (HxWxD) (in) Adjustable Feet Net Weight (lbs) WARRANTY Full Warranty, Entire Appliance, Parts and Labor Limited Warranty for Microprocessor or Printed | 47 1/4" 14 120° F 53" 67" 33 7/8" × 23 9/16" × 23 3/4" 33 7/8" × 23 5/8" × 24" Yes 86 lbs 2 Year | |



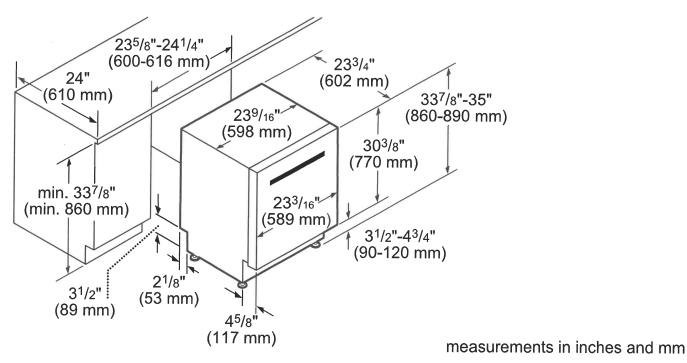
Liner; Parts Only

DWHD440MFP EMERALD® 4-PROGRAM DISHWASHER

PROFESSIONAL SERIES HANDLE



DISHWASHER & CUTOUT DIMENSIONS



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PROFESSIONAL SERIES







FEATURES & BENEFITS

- Three fan speeds
- Powerfully Quiet ventilation systems
- Dimmer lighting for a soft lighting effect
- Commercial-Style Stainless Steel Baffle Filter
- Dishwasher safe grease collection trays are easily removed

ACCESSORIES (OPTIONAL)

25 ft. Blower Connector Cable - EXTNCB25

For use with the following Inline and Remote Blowers: VTR630D, VTR1030D, VTR1330E, VTI610D, VTI1010D

Roofplates

RFPLT600 - For use with 600 CFM Remote Blower VTR630D

RFPLT1000 - For use with 1000 CFM Remote Blower VTR1030D and 1300 CFM Blower VTR1330E

| 36" W Keep-Hot Shelf | KHS36QS |
|----------------------------------|------------|
| 6" High Duct Cover | CHMHP366N |
| 12" High Duct Cover | CHMHP3612N |
| 18" - 35" High Duct Cover | CHMHP36TSN |
| 36" W Stainless Steel Backsplash | PA36JBS |

| GENERAL PROPERTIES | | |
|--|--|--|
| Operating Mode | Ducted | |
| Maximum CFM Blower Sold | | |
| Sones N/A | | |
| Number of Speed Settings | 3-Stage | |
| Motor Location | Blower Sold Separately | |
| Number of Lights | 2 | |
| Bulb Type | Halogen | |
| Total Power of the Lamps (W) | 40 W | |
| Damper Included | Yes | |
| Grease Filter Material Washable Star Steel | | |
| Grease Filter Type | Commercial-Style Stainless Steel Baffle Filter | |
| TECHNICAL DETAILS | | |
| Watts (W) | N/A | |
| Current (A) | 15 A | |
| Volts (V) | 120 V | |
| Frequency (Hz) | 60 Hz | |
| Plug Type | Fixed Connection, No Plug | |
| Conduit Length N/A | | |
| DIMENSIONS & WEIGHT | | |
| Overall Appliance Dimensions (Width of Canopy Included) (HxWxD) (in) | 18" x 35 ¹⁵ /16" x 24" | |
| Height of The Chimney (in) | Duct Covers Sold Separately | |
| Required Distance Above Cooktop / Range 30" / 30" Cooking Surface | | |
| Diameter of Air Duct (in) Top 10" | | |
| | | |
| Net Weight (lbs) | 70 lbs | |

ACCESSORIES (REQUIRED)

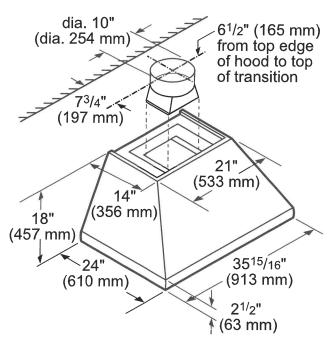
Blower (Sold Separately)

| Blower (Sold Separately) | |
|--|---------------------|
| BLOWER OPTIONS | |
| Remote Blower (Mounted to Roof or External Wall) | VTR630D - 600 CFM |
| | VTR1030D - 1000 CFM |
| | VTR1330E - 1300 CFM |
| Inline Blower (Mounted Between Kitchen and External Wall) | VTI610D - 600 CFM |
| | VTI1010D - 1000 CFM |
| Integrated Blower (Mounted in Hood) | VTN1080N - 1000 CFM |
| WARRANTY | THE COLUMN |
| Limited Warranty Parts and Labor | 2 Year |
| | |

PROFESSIONAL SERIES

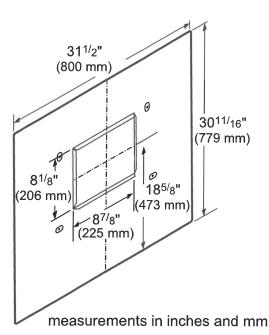


HOOD DIMENSIONS

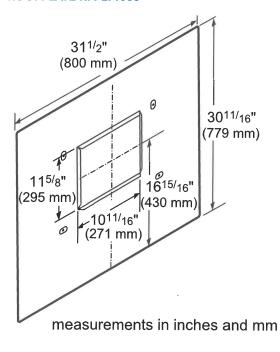


REMOTE BLOWER ACCESSORIES

ROOFPLATE RFPLT600



ROOFPLATE RFPLT1000



EXTNCB25

25 ft. Blower Connector Cable for use with the following Inline and Remote blowers: VTR630D, VTR1030D, VTR1330E, VTI610D, VTI1010D

16 COOL

PROFESSIONAL SERIES

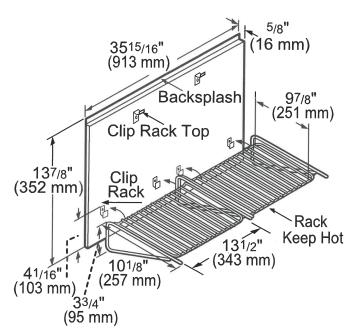


OPTIONAL ACCESSORIES



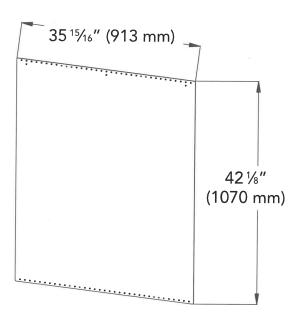
KEEP-HOT SHELF KHS36QS 36" WIDE

- Stainless steel finish
- Convenient shelf allows dishes to keep hot at serving temperature.
- Includes stainless steel backguard and two shelves.



measurements in inches and mm

STAINLESS STEEL BACKSPLASH PA36JBS 36" WIDE



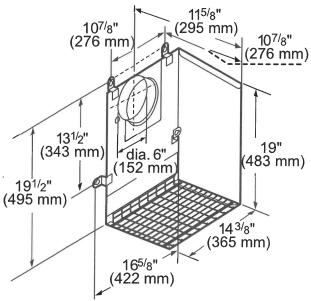


PROFESSIONAL SERIES



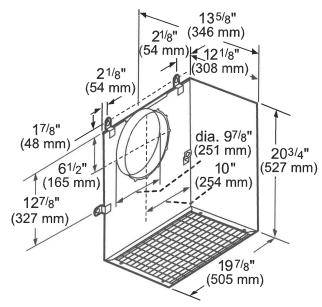
REMOTE BLOWERS (MOUNTED TO ROOF OR EXTERNAL WALL)

VTR630D-600 CFM



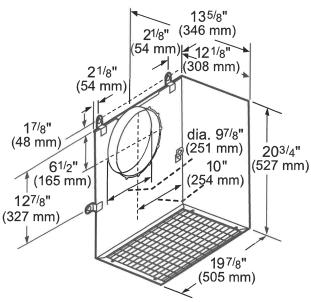
measurements in inches and mm

VTR1030D-1000 CFM



measurements in inches and mm

VTR1330E-1300 CFM



measurements in inches and mm

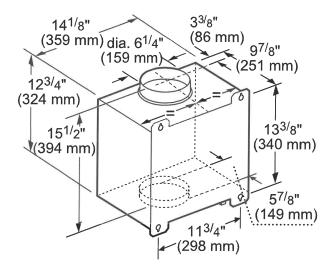


PROFESSIONAL SERIES



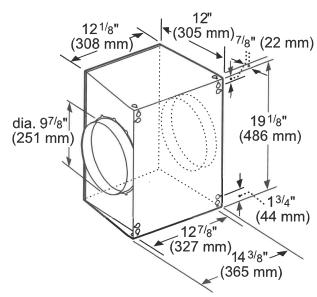
INLINE BLOWERS (MOUNTED BETWEEN KITCHEN AND EXTERNAL WALL)

VTI610D-600 CFM



measurements in inches and mm

VTI1010D-1000 CFM



measurements in inches and mm

INTEGRATED BLOWERS (MOUNTED IN HOOD)



measurements in inches and mm

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PROFESSIONAL SERIES, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE







Also Available: PRL366GH - LP

FEATURES & BENEFITS

- Exclusive, patented Star® Burner-most even heating, unsurpassed flame coverage
- 🜟 QuickClean Base® designed for easy surface cleaning
- ★ Precision simmering capabilities as low as 100°F (375 BTU) with 2 ExtraLow® Simmer burners
 - Professional style, continuous cast iron grates
 - Truly Flush Mounted[™], 24" standard cabinet depth

| TECHNICAL DETAILS | |
|------------------------|-------------------------------|
| Circuit Breaker (A) | 15 A |
| Volts (V) | 120 V |
| Frequency (Hz) | 60 Hz |
| Plug Type | 120V-3 Prong |
| Power Cord Length (in) | 72" |
| Energy Source | Gas |
| Gas Type | Natural Gas 15 mbar (USA) |
| Alternative Gas Type | Liquid Gas 27.5 mbar (USA) |

SEE PAGE 2 FOR OPTIONAL ACCESSORIES

| GENERAL PROPERTIES | | | |
|--|---|--|--|
| Oven Capacity | 5.0 cu. ft. | | |
| Cooking Modes - Main / Large Cavity | | | |
| Bake, Convection Bake, Broil, Proof | | | |
| Cooking Modes - Small Cavity N/A | | | |
| Programs | Sabbath Function | | |
| Cleaning Type | N/A | | |
| Type of Grate | Continuous Cast Iron | | |
| Controls | Metal Knobs | | |
| Sealed Burners | Yes | | |
| OVEN PERFORMANCE | | | |
| Bake Power | 20,000 BTU (NG) | | |
| Broil Power | 27,000 BTU (NG) | | |
| Convection Power | N/A | | |
| BURNER PERFORMANCE | AND THE PARTY OF | | |
| Total Number of Cooktop Burners | 6 | | |
| Total Cooktop BTU | 136,000 (NG) | | |
| Power of Front Left Burner BTU | 18,000-3,000 XLO (NG) | | |
| Power of Back Left Burner BTU | 18,000-3,000 XLO (NG) | | |
| Power of Back Center Burner BTU | 18,000 (NG) | | |
| Power of Front Center Burner BTU | 18,000 (NG) | | |
| Power of Center 12" Electric Griddle (W) | N/A | | |
| Power of Center 12" Electric Grill (W) | N/A | | |
| Power of Far Right 12" Electric Griddle (W) | N/A | | |
| Power of Back Right Burner BTU | 18,000 (NG) | | |
| Power of Front Right Burner BTU | 18,000 (NG) | | |
| DIMENSIONS & WEIGHT | THE RESERVE OF | | |
| Overall Appliance Dimensions (HxWxD) (in) | 35 7/8"-36 3/4" x 35 15/16" x 24 3/4" | | |
| Required Cutout Size (HxWxD) (in) | 35 7/8 "–36 3/4 " × 36" × 24" | | |
| Adjustable Range Height (in.) | 7/8" | | |
| Net Weight (lbs) | 419 lbs | | |
| ACCESSORIES (INCLUDED) | | | |
| 1 X Island Trim, 3 X Full Access Telescopic Racks, | 1 X Broiler Pan | | |
| WARRANTY | | | |
| Limited Warranty, Entire Appliance, Parts and Labor | 2 Year | | |



PROFESSIONAL SERIES, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE



ACCESSORIES (OPTIONAL)



PAGRIDDLEN Griddle for Indoor Electric Grill



PA12CHPBLK 12" Cutting Board



PWOKRINGHC Wok Ring



PA36GLBH 9" Low Backguard

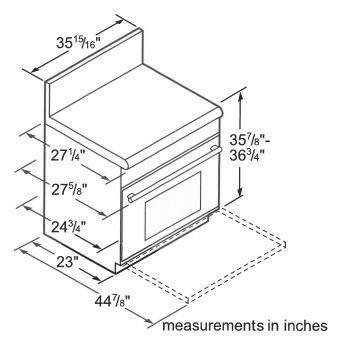


PAKNOBLUNH Blue Knob Pro Harmony Kit

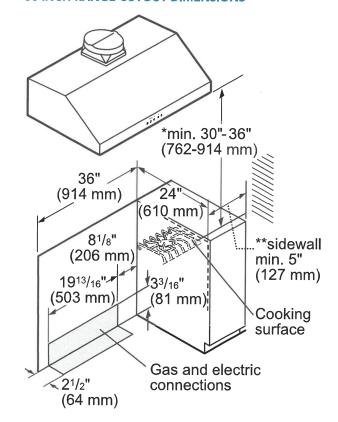


PAGRIDDLE Griddle

36-INCH RANGE DIMENSIONS



36-INCH RANGE CUTOUT DIMENSIONS

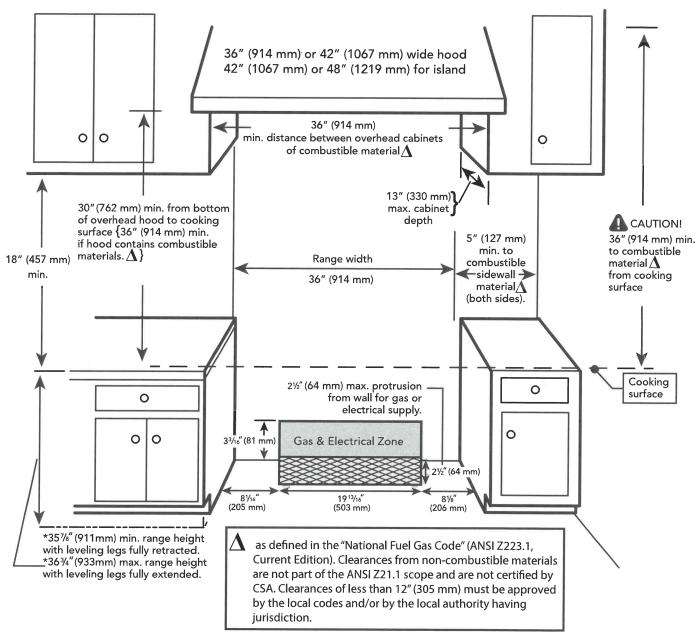




PROFESSIONAL SERIES, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE



36-INCH RANGE CUTOUT DIMENSIONS



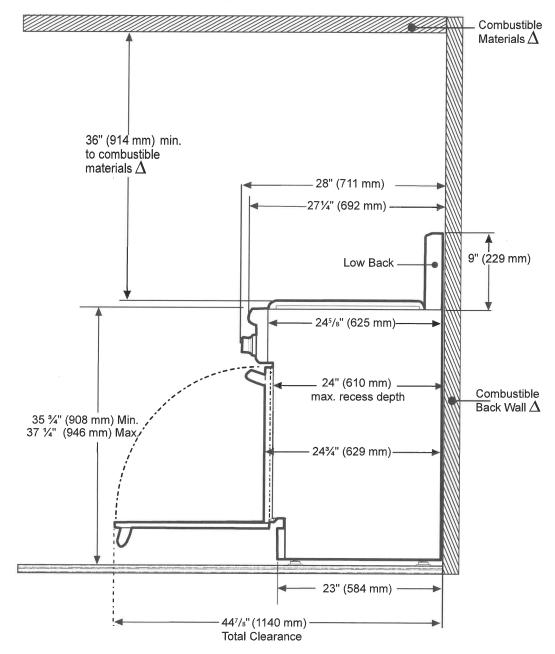
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PROFESSIONAL SERIES, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE



36-INCH RANGE DIMENSIONS AND CLEARANCE REQUIREMENTS WITH "LOW BACK"

NOTE: A 36-inch minimum clearance is required between the top of the cooking surface and the bottom of an unprotected cabinet. A 30-inch clearance can be used when the bottom of the wood or metal cabinet is protected by not less than 1/4 inch of a flame retardant material covered with not less than No. 28 MSG sheet steel, 0.015 inch (0.4 mm) thick stainless steel, 0.024 inch (0.6 mm) aluminum, or 0.020 inch (0.5 mm) thick copper.



⚠ As defined in the "National Fuel Gas Code" (ANSI Z223.1, Current Edition).
Clearances from non-combustible materials are not part of the ANSI Z21.1
scope and are not certified by CSA. Clearances of less than 12" (305 mm)
must be approved by the local codes and/or by the local authority having jurisdiction.

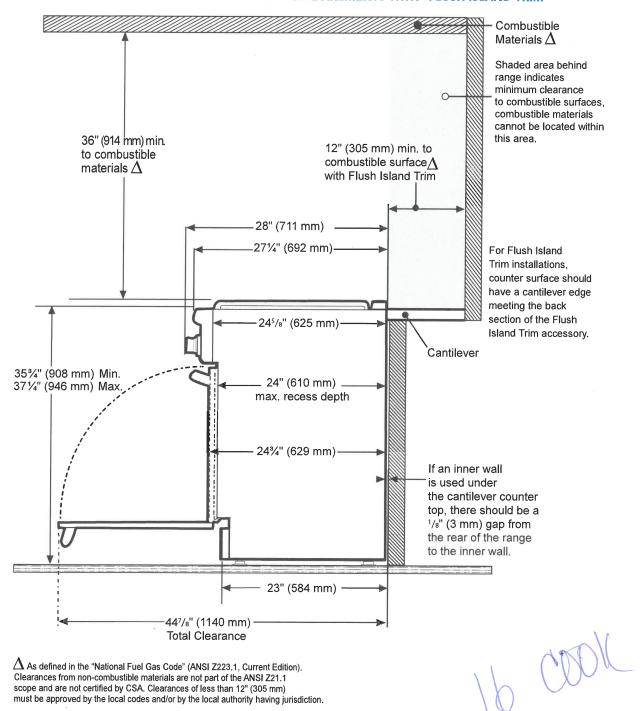




PROFESSIONAL SERIES, STANDARD-DEPTH, PORCELAIN COOKTOP SURFACE



36-INCH RANGE DIMENSIONS AND CLEARANCE REQUIREMENTS WITH "FLUSH ISLAND TRIM"



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T36BB820SS 36-INCH PRE-ASSEMBLED 2-DOOR BOTTOM FREEZER WITH PROFESSIONAL HANDLES



FREEDOM® COLLECTION







Also Available: T36BB810SS with Masterpiece® Handles

FEATURES & BENEFITS

- Freedom® Hinge enables true flush design
- Full-height door-true cabinet integration without exposed venting grille
- All-LED sidewall and theater lighting
- Brightspace interior design
- Flat stainless steel panel kit door panel kit, pre-assembled

| TEMPERATURE RANGES | |
|-------------------------------|--|
| Refrigeration | 35°F (2°C) to 46°F (8°C) |
| Temperature Controlled Drawer | Fish 32°F (0°C) Meat 35°F (1.5°C) Produce 37°F (3°C) |
| Deli Drawer | Just above 32°F (0°C) |
| SuperCool | 35.5°F (2°C) for approximately 9 hours |
| Energy Saving (Economy) Mode | Refrigerator: 45°F (7°C) Freezer: 3°F (-16°C) |
| Freezer | -9°F (-23°C) to 7°F (-14°C) |
| SuperFreeze® | -9°F (-23°C) for approximately 52 hours |

| ACCESSORIES (OPTIONAL) | |
|------------------------------------|---|
| HEATRKIT10 - Freedom® Heater Kit | |
| Filters: | - |
| REPLFLTR10 - Freedom® Water Filter | |
| SCRNFLTR10 - Filter By-Pass | |

| GENERAL PROPERTIES | | |
|--|--|--|
| Reversible Door Swing | Yes | |
| Lighting | All-LED Sidewall and Theater Lighting | |
| Full Width Shelves - Refrigerator | 3 | |
| Adjustable Shelves - Refrigerator | 2 | |
| Shelf Material - Refrigerator | Glass Shelves w/Meta Trim | |
| Full Extension Drawers at 90° Door Opening Angle | Yes | |
| Humidity Control Drawer | Yes | |
| Door Bins - Refrigerator | 3 | |
| Gallon Door Bins | 2 | |
| Defrost Process - Freezer | Frost-Free | |
| Freezer Drawers | 1 | |
| lce Maker | Yes | |
| Door Open Alarm | Yes | |
| SuperCool | Yes | |
| SuperFreeze® | Yes | |
| Special Modes | Sabbath, Economy, Vacation | |
| CAPACITY | | |
| Total Unit Gross Capacity (cu. ft.) - AHAM | 20 cu. ft. | |
| Refrigerator Gross Capacity (cu. ft.) | 14 cu. ft. | |
| Freezer Gross Capacity (cu. ft.) | 6 cu. ft. | |
| TECHNICAL DETAILS | | |
| Watts (W) | 588 W | |
| Current (A) | 15 A | |
| Volts (V) | 120 V | |
| Frequency (Hz) | 60 Hz | |
| Power Cord Length (in.) | 78 3/4" | |
| Plug Type | 120V 3-Wire | |
| DIMENSIONS & WEIGHT | 54 TO 18 TO 18 | |
| Appliance Dimensions (H x W x D) (in.) | 84" x 35 3/4" x 24 3/4 | |
| Required Cutout Size (H x W x D) (in.) | 84" x 36" x 24" or 25 | |
| Net / Gross Weight (lbs) | 526 / 573 lbs | |
| EFFICIENCY | | |
| ENERGY STAR® Qualified | Yes | |
| Annual Energy Consumption | 591 kWh | |
| WARRANTY | | |
| imited, Entire Appliance, Parts and Labor on Any Part of the Refrigerator that Fails Because of a Manufacturing Defect | 2 Year | |
| Limited Warranty for Sealed Refrigeration System*; Parts And Labor | 3rd to 6th Year | |
| imited Warranty for Sealed Refrigeration | 7th to 12th Year | |
| System*; Parts Only | | |

 $^{{\}boldsymbol \star}$ Sealed refrigeration system includes compressor, evaporator, condenser, dryer / strainer and connection tubing

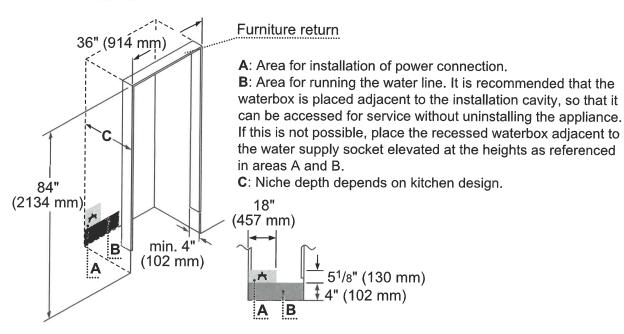


T36BB820SS 36-INCH PRE-ASSEMBLED 2-DOOR BOTTOM FREEZER WITH PROFESSIONAL HANDLES

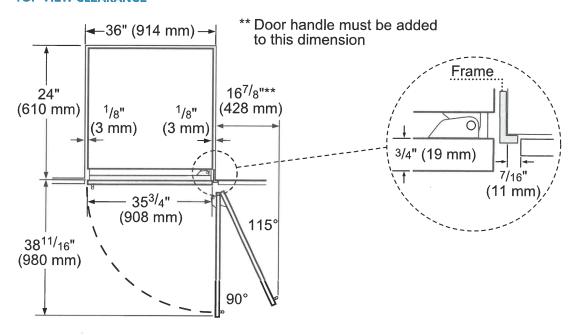


FREEDOM® COLLECTION

CUTOUT DIMENSIONS



TOP VIEW CLEARANCE



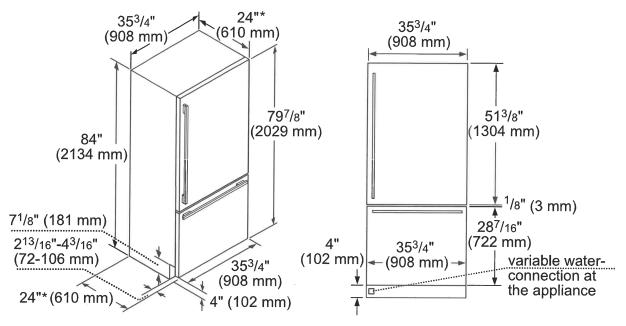


T36BB820SS 36-INCH PRE-ASSEMBLED 2-DOOR BOTTOM FREEZER WITH PROFESSIONAL HANDLES



FREEDOM® COLLECTION

PANEL DIMENSIONS



*Excludes thickness of door panel. If standard panel with 3/4" thickness is mounted, total depth is 24 3/4".

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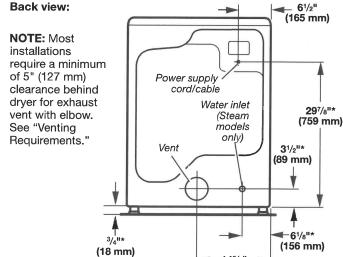
Electric Dryer

PRODUCT MODEL NUMBERS

WED7505F, WED75HEF, WED7740F, WED77HEF, WED8540F, WED85HEF, WED90HEF, WED92HEF

Pryer Dimensions Front view: 27" (686 mm) 383/4" Min. (984 mm) 39" Max. (990 mm)

Side view: (1220 mm) (787 mm) (146 mm) (31/2" (89 mm) (18 mm) (257 mm)



*Approx. measurement.

143/8"

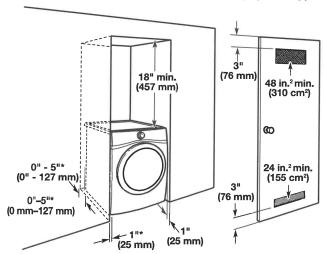
(365 mm)

Installation spacing for recessed area or closet installation

All dimensions show recommended and minimum spacing allowed.

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, floor moldings, and dryer venting.
- Additional spacing should be considered on all sides of the dryer to reduce noise transfer,
- For closet installation with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.

Recommended installation clearances (dryer only):



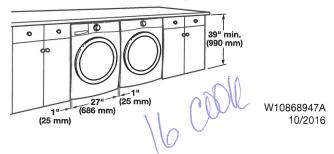
*0" (0 mnı) spacing is allowed for straight-back venting only. For steam models only, inlet hose must not be kinked.

Minimum installation clearances (dryer only):

| | Front | Sides | Rear | Тор |
|------------------|-------|------------|-------------|-----------|
| Recessed | NA | 0" (0 mm) | 0" (0 mm)** | 0" (0 mm) |
| Closet | NA | 0" (0 mm) | 0" (0 mm)** | 0" (0 mm) |
| Under Counter | NA | 1" (25 mm) | 0" (0 mm)** | 0" (0 mm) |

**0" (0 mm) spacing is allowed for straight-back venting only.

Custom under counter installation:



ELECTRICAL REQUIREMENTS

To supply the required 3- or 4-wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply (or 3- or 4-wire, 120/208 volt electrical supply, if specified on the serial/rating plate) on a separate 30-amp circuit, fused on both sides of the line. Connect to an individual branch circuit. Do not have a fuse in the neutral or grounding circuit. Do not use an extension cord.

VENTING REQUIREMENTS

Exhaust venting: Exhaust your dryer to the outside. 4" (102 mm) diameter vent is required. Rigid or flexible metal exhaust vent must be used. Do not use plastic or metal foil vet. Exhaust hood must be at least 12" (305 mm) from the ground or any object that may be in the path of the exhaust.

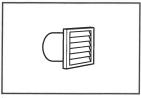
WARNING: To reduce the risk of fire, this dryer MUST BE EXHAUSTED OUTDOORS.

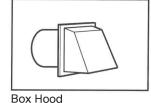
IMPORTANT: Observe all governing codes and ordinances. Dryer exhaust must not be connected into any gas vent, chimney, wall, ceiling, attic, crawlspace, or a concealed space of a building. Only rigid or flexible metal vent shall be used for exhausting.

- Only a 4" (102 mm) heavy metal exhaust vent and clamps may be used.
- Do not use plastic or metal foil vent.

Exhaust hoods:

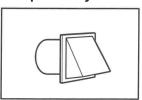
Recommended Styles:





Louvered Hood

Acceptable Style:



Angled Hood

Determine vent path:

- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.

Determine vent length and elbows needed for best drying performance:

 Use the following "Vent System Charts" to determine type of vent material and hood combinations acceptable to use.

NOTE: Do not use vent runs longer than those specified in "Vent System Charts."

Exhaust systems longer than those specified will:

- Shorten life of dryer.
- Reduce performance, resulting in longer drying times and increased energy usage.

Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.

The "Vent System Charts" provide venting requirements that will help achieve best drying performance.

| Standard Vent System Chart | | |
|----------------------------|-----------------|-----------------|
| Number of 90° elbows | Type of vent | Angled hoods |
| 0 | Rigid metal | 64 ft. (20 m) |
| 1 | Rigid metal | 54 ft. (16.5 m) |
| 2 | Rigid metal | 44 ft. (13.4 m) |
| 3 | Rigid metal | 35 ft. (10.7 m) |
| 4 | Rigid metal | 27 ft. (8.2 m) |

| Long Vent System Chart | | |
|-------------------------|--------------|------------------|
| Number of 90° elbows | Type of vent | Angled hoods |
| 0 | Rigid metal | 160 ft. (48.8 m) |
| 1 | Rigid metal | 150 ft. (45.7 m) |
| 2 | Rigid metal | 140 ft. (42.7 m) |
| 3 | Rigid metal | 130 ft. (39.6 m) |
| 4 | Rigid metal | 120 ft. (36.6 m) |

To determine if your model has a long vent system, refer to the type code located on the serial number plate in the inner door well. Example: An electric model would be DALV (Long Vent) – ELE – XXXXXXX-XXX.

NOTE: For long vent systems, use of box/louvered hoods will improve venting, regardless of length.

The dryer must be connected to the cold water faucet using new inlet hoses (not supplied). Do not use old hoses.

10 COOL

Dimensions are for planning purposes only. For complete details, see Installation Instructions packed with product. Specifications subject to change without notice.

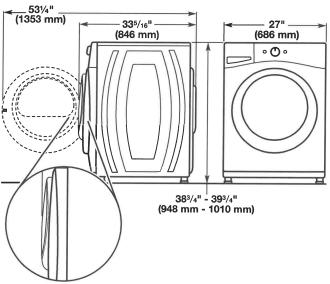


Front-Loading Washer

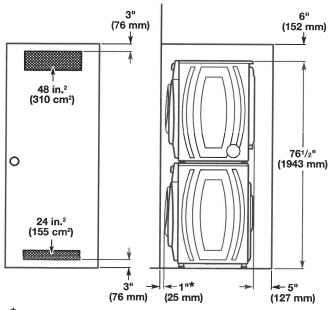
PRODUCT MODEL NUMBERS

WFW75HEF, WFW85HEF, WFW90HEF, WFW92HEF

Washer Dimensions:



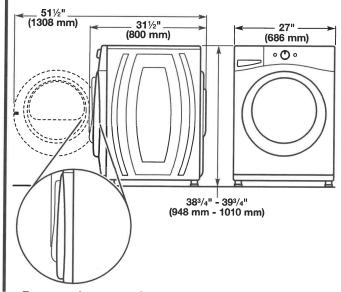
Recessed or closet installation - stacked washer and dryer



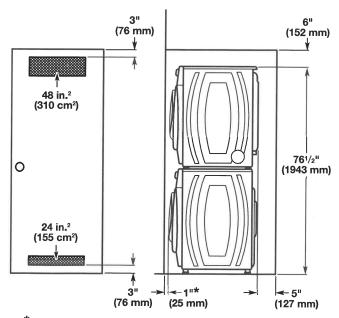
^{*} Add spacing of 1" (25 mm) on all sides of washer/dryer.

PRODUCT MODEL NUMBERS WFW7590F, WFW9290F,

Washer Dimensions:



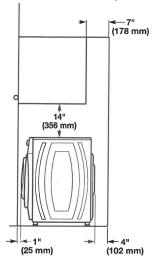
Recessed area or closet installation (washer only):



^{*} Add spacing of 1" (25 mm) on all sides of washer.

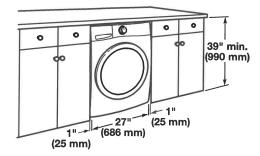


Custom cabinet installation (washer only):



** Recommended 4" (102 mm), minimum 1.5" (38 mm)

Undercounter installation - washer only:



All dimensions show recommended spacing allowed, except for closet door ventilation openings which are the minimum required.

For each arrangement, consider allowing more space for ease of installation and servicing, and spacing for companion appliances and clearances for walls, doors, and floor moldings.

Space must be large enough to allow door to fully open. Add spacing of 1" (25 mm) on all sides of washer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

ELECTRICAL REQUIREMENTS

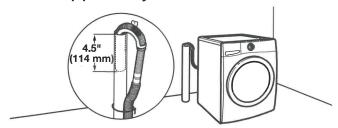
A 120 volt, 60 Hz., AC only, 15- or 20-amp, fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.

DRAIN SYSTEM

Drain system can be installed using a floor drain, wall standpipe, floor standpipe, or laundry tub. Select method you need.

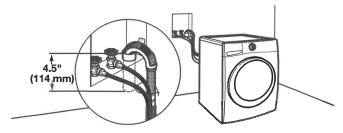
IMPORTANT: To avoid siphoning, only 4.5" (114 mm) of drain hose should be inside standpipe. Always secure drain hose with cable tie.

Floor standpipe drain system



Minimum diameter for a standpipe drain: 2" (51 mm). Minimum carry-away capacity: 17 gal. (64 L) per minute. A 1/4" (6 mm) diameter to 1" (25 mm) diameter Standpipe Adapter Kit is available (Part Number 3363920). Top of standpipe must be at least 30" (762 mm) high; install no higher than 96" (2.44 m) from bottom of washer. If you have an overhead sewer and need to pump higher than 96" (2.44 m), a sump pump and associated hardware are needed. See "Alternate Parts".

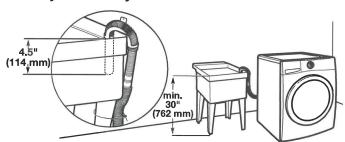
Wall standpipe drain system



See requirements for floor standpipe drain system.

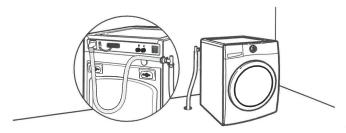
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Laundry tub drain system



Minimum capacity: 20 gal. (76 L). Top of laundry tub must be at least 30" (762 mm) above floor; install no higher than 96" (2.44 m) from bottom of washer.

Floor drain system



Floor drain system requires a Siphon Break Kit (Part Number 285834), 2 Connector Kits (Part Number 285835), and an Extension Drain Hose (Part Number 285863) that may be purchased separately. See "Alternate Parts". Minimum siphon break height: 28" (710 mm) from bottom of washer. (Additional hoses may be needed.)

Dimensions are for planning purposes only. For complete details, see Installation Instructions packed with product. Specifications subject to change without notice.

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