

Midland

APPLIANCE

Vancouver Showroom
2015 Columbia Street
Vancouver, BC V5Y 3V6

Richmond Showroom
13651 Bridgeport Road
Richmond, BC V6V 1J6

Langley Showroom
20670 Langley Bypass
Langley, BC V3A 0A3

Abbotsford Showroom
33780 South Fraser Way
Abbotsford, BC V2S 5M4

Appliance Specifications

COSTAR-2333 EAST 54TH AVENUE

RETAIL DIVISION

DAR TOOR

Appliance Specialist

604-259-8699

dtoor@midlandappliance.com

Langley Showroom

(604) 259-8699

REMINDER

To ensure a smooth project, it is the responsibility of the homeowner/ purchaser of appliances to share all attached specifications so the cabinet provider, contractor, and tradespeople have the information required to complete the work accurately. Specifications are subject to change. If any parties have questions regarding the specifications, please contact us.

COSTAR-2333 EAST 54TH AVENUE

Midland Appliance
midlandappliance.com

DAR TOOR
Appliance Specialist
604-259-8699

Search **20250505234916996SC**

Tue, Sep 9, 2025
3:26 PM PDT

To ensure a smooth project it is the responsibility of the homeowner / purchaser of appliances for this project to share all the attached specifications to ensure the cabinet provider, contractor, or any other tradesperson have all the information required to complete their work accurately.

Specifications are subject to change. If any tradesperson has questions regarding the attached specifications please contact our sales associate.



enterprise.steelcod.com/sp/mlnd/XZSXP4Z2

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Note about page numbers:

Because the original manufacturer's documents are not altered in any way, the page numbers displayed on the page may not correspond to the page number within this package.

All specifications are intended for initial planning purposes only.

Manufacturers reserve the right to change specifications at any time without notice. Always consult the installation instructions found on the manufacturer's website or included with the appliances before installation.



MAIN KITCHEN



COSTAR-2333 EAST 54TH AVENUE

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www.midlandappliance.com

36" Built-In Custom Panel French Door

Benchmark™ Series – Custom Panel B36IT905NP



BOSCH
Invented for life



B36IT905NP
Custom Panel

The 36" Custom Panel French door built-in refrigerator works efficiently to keep food fresh longer, and prevent the transfer of flavors and odors.

Features & Benefits

Remotely monitor and control your refrigerator with the Home Connect® app.

Bright LED lighting illuminates the entire interior.

Dual evaporators prevent odor transfer and optimize freshness.

Optiflex® hinge allows for flush-mount doors, without damaging surrounding cabinetry.

ENERGY STAR® Certified for energy efficiency.

General Properties	
Home Connect® (Wi-Fi Enabled)	Yes
Reversible door hinge	No
Water filter	UltraClarityPro®
Lighting	LED sidewall
Defrost process refrigerator section	Frost-free
Number of shelves - refrigerator	3
Adjustable shelves - refrigerator	2
Shelf material - refrigerator	Glass w/ metal trim
Type of shelves - refrigerator	Full width
Gallon storage bins	2
Humidity control drawer	Yes - 1
Defrost process freezer section	Automatic
Number of drawers - freezer	2
Ice maker	Yes
Quick ice	No
Capacity	
Total capacity	19.4 cu. ft.

Technical Details	
Watts	350 W
Current	15 A
Volts	120 V
Frequency	60 Hz
Power cord length	118"
Plug type	120V-3 prong
Dimensions & Weight	
Appliance dimensions (H x W x D)	84" x 35 3/4" x 24"
Required cutout size (H x W x D)	84" x 36" x 25"
Net weight	540 lbs
Efficiency	
ENERGY STAR® Certified	Yes
Energy consumption	579 kWh
Accessories	
UltraClarityPro® Water Filter	BORPLFTR55
Heater Kit may be required when two columns are installed side-by-side. See next page for details.	HEATKITB82



Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

Notes: All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change product materials and specifications, at any time, without notice. Consult the product's installation instructions for final dimensional data and other details prior to making cutout.

Warranties: Please see Use & Care manual or Bosch website for statement of limited warranty.

For more information on our entire line of products, go to www.bosch-home.com/us or call 1-800-944-2904

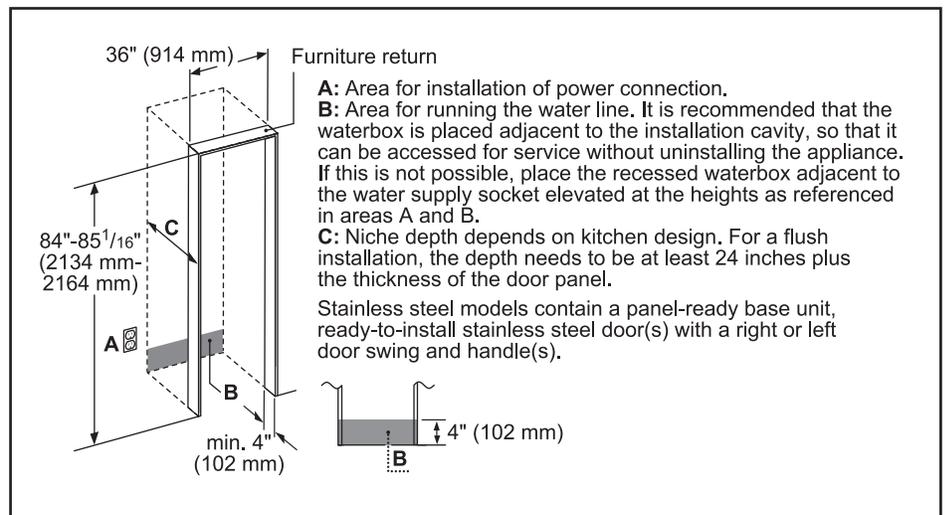
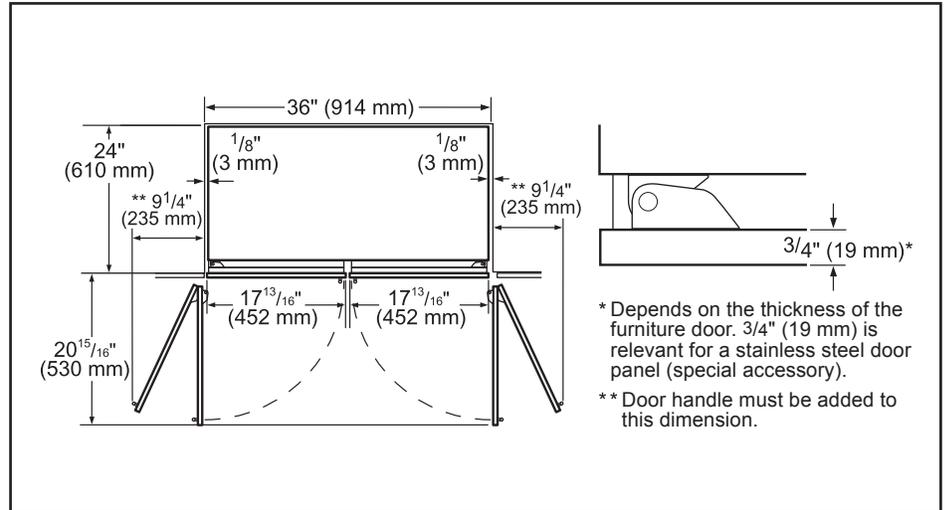
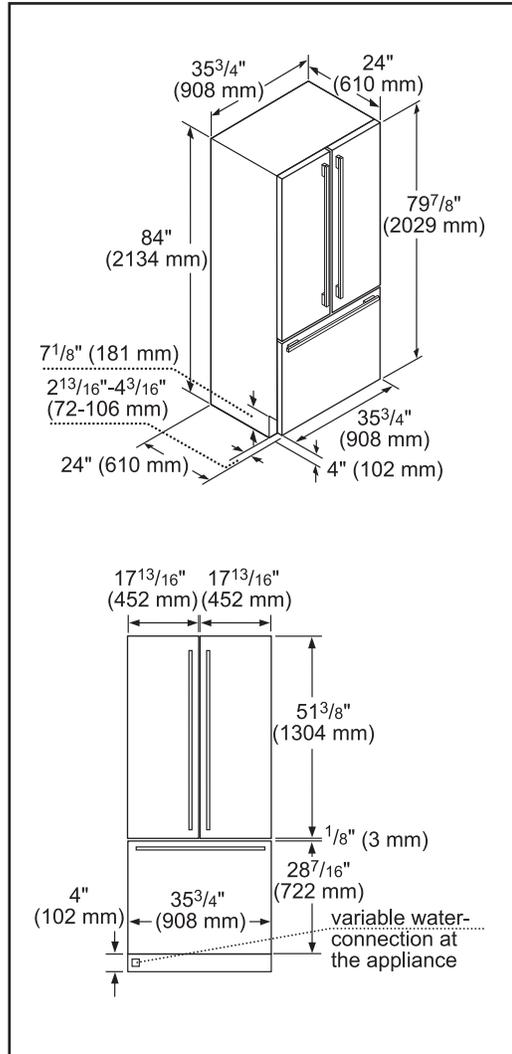
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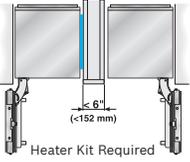
36" Built-In Custom Panel French Door

Benchmark™ Series – Custom Panel B36IT905NP



Installation Details





HEATKITB82 Heater Kit

When two appliances are installed side-by-side a sealing kit must be used. For combinations that involve a freezer column, this kit is included. For all other (non-traditional, i.e. two bottom freezers) side-by-side combinations or instances where any appliances are installed less than 6" (152 mm) apart from one another but not connected side-by-side, purchase this kit. This kit is also recommended for use with any installation in areas that are subject to humidity, or located next to an outside wall.

IMPORTANT: Handleless Panels should not be installed on units without the soft close capability. If you are uncertain if you have a refrigeration unit with soft close capability please contact our customer team by calling 1-800-944-2904.

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30" Gas Slide-in Range



100 Series – Stainless Steel HGF1050MUC



HGF1050MUC
Stainless Steel

Experience culinary precision with the Bosch 100 Series gas slide-in range which delivers cutting-edge performance and timeless design for any budget, all with Bosch quality.

Features & Benefits

Rapid pre-heat reaches 350°F before you finish your prep.

All-in-One Range delivers all the cooking versatility without the countertop clutter: Air Fry, Quick Meal/Frozen Foods, Bake, Broil, Pizza Oven, Convection Bake, Convection Roast, Dough Proof, Keep Warm.

Powerful center oval burner is ideal for large pans and griddles.

Steam-assist cleaning cycle for quick upkeep, and self-clean cycles for deep cleaning.

Easy installation: the slide-in design replaces existing range cutouts and slides back against the wall for a finished look.

Sleek backlit user interface wakes up when prompted.

General Properties

Cooking modes	Air Fry, Bake, Broil, Convection Bake, Convection Roast, Pizza, Proof, Quick Meal/Frozen Foods, Keep Warm
Cleaning type	Self-clean (2h, 3h, 5h) & Steam-assist clean
Type of grate	Cast iron
Interior light	1
Kitchen timer	Yes
Drawer type	Storage
Sealed burners	Yes

Oven Performance

Bake / broil burner power BTU	18,000 / 13,000 BTU
-------------------------------	---------------------

Burner Performance

Total cooktop burners	5
Total cooktop (NG / LP) BTU	47,200 / 47,200
Power of front left burner (NG / LP) BTU	16,000 / 16,000
Power of back left burner (NG / LP) BTU	5,000 / 5,000
Power of center burner (NG / LP) BTU	9,200 / 9,200
Power of back right burner (NG / LP) BTU	5,000 / 5,000
Power of front right burner (NG / LP) BTU	12,000 / 12,000



Technical Details

Circuit breaker	15 A
Volts	120 V
Frequency	60 Hz
Plug type	US 3-prong
Cord length	59"
Energy source	Gas
Gas type	Natural gas 15 mbar (USA)
Alternative gas type	LP 27.5 mbar (USA)

Dimensions & Weight

Overall appliance dimensions (HxWxD)	36"-38" x 29 7/8" x 26 1/2" w/o handle
Required cutout size (HxWxD)	36" x 30" x 25"
Adjustable range height	3/4"
Oven cavity size	5.8 cu. ft.
Overall oven interior dimensions (HxWxD)	24 3/16" x 21 1/8" x 19 13/16"
Usable oven interior dimensions (HxWxD)	23 5/8" x 20 3/16" x 18 3/8"
Net weight	176 lbs

Accessories – Included

Use and care manual, installation guide, 2 standard racks, LP conversion kit, anti-tip protection kit

† To be fully ADA compliant, these units must be installed according to ADA guidelines. Please check current ADA requirements for guidance on installation.

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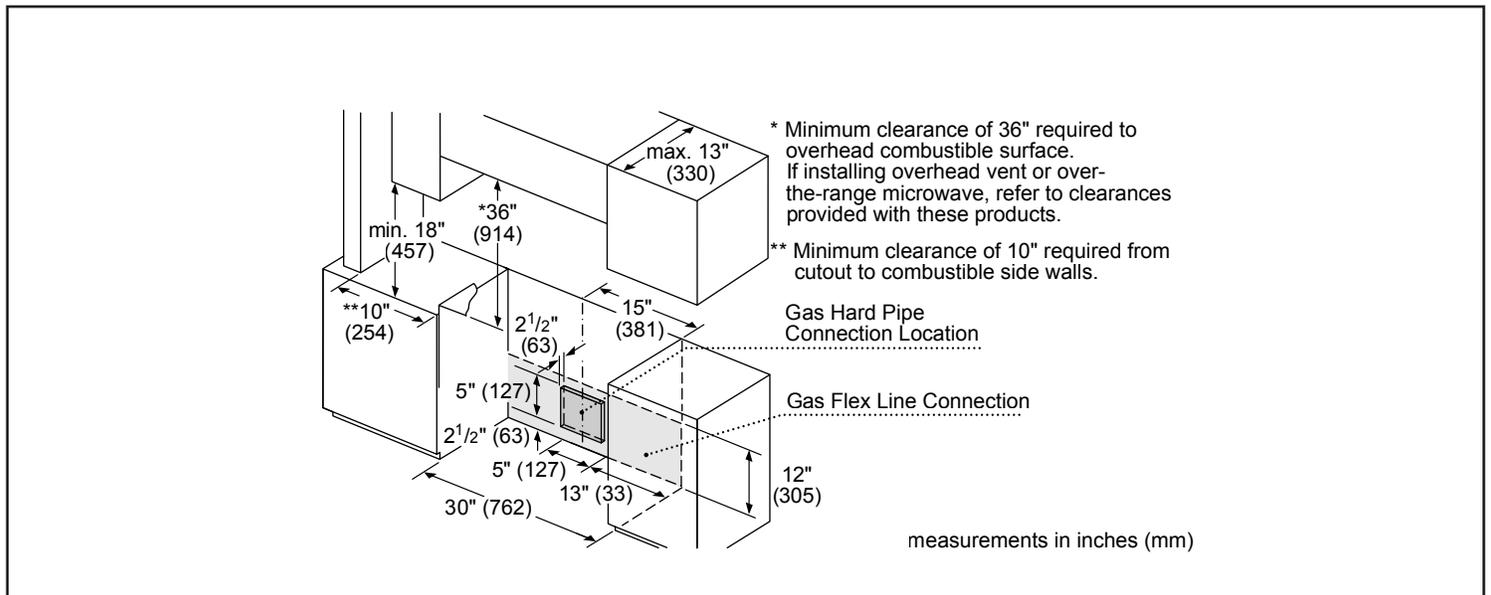
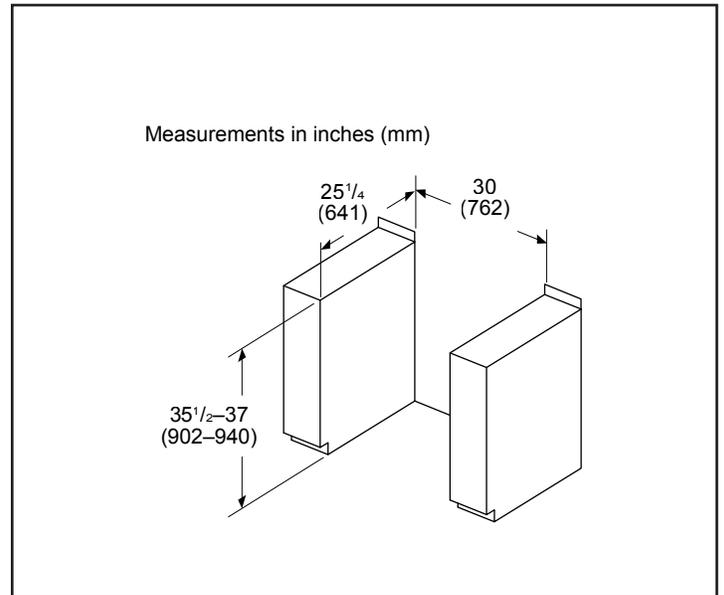
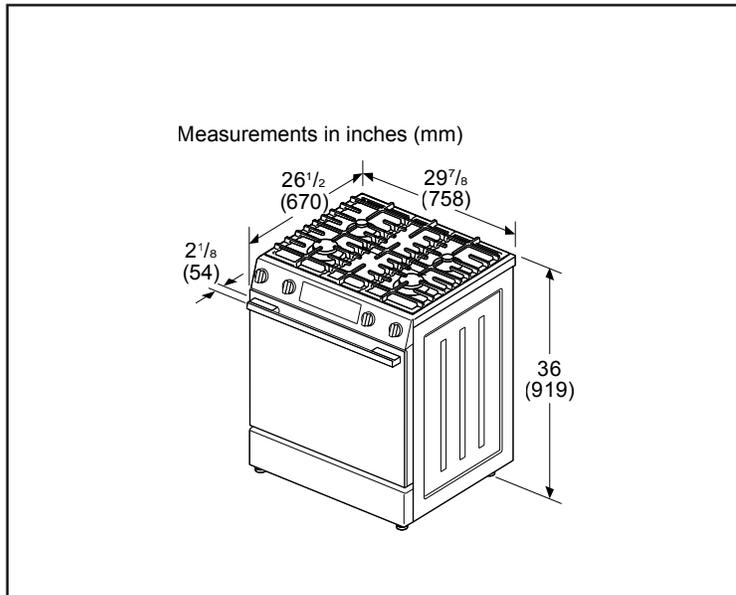
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30" Gas Slide-in Range



100 Series – Stainless Steel HGF1050MUC

Installation Details



Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

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24" Panel Ready Dishwasher

100 Series Plus – Panel Ready SHV4AEB3N



BOSCH
Invented for life



SHV4AEB3N
Panel Ready

Bosch dishwashers are so quiet, you may forget they're on. InfoLight® projects a red light onto the floor to let you know it's on.

Features & Benefits

48 dBA: Quietest dishwasher brand in North America.¹

RackMatic® offers 3 height levels, for 9 possible rack positions. Lower to fit tall glasses above. Raise to fit tall pots below.

24/7 Overflow Protection System® helps prevent water leaks, even when your dishwasher is off.

Home Connect® lets you monitor and control your appliance remotely, via the Home Connect® app.

The Favorite button allows you to easily access your preferred cycle/option combination with 1 touch.

General Properties	
Wash cycles (control panel)	5 (Heavy, Auto, Normal, Speed60 (1hr Wash), Favorite)
Additional wash cycles (in Home Connect®)	3 (Delicate, Rinse, MachineCare)
Options (control panel)	3 (Sanitize, Remote Start, Extra Dry)
Additional options (in Home Connect®)	4 (Half Load, Eco, Extra Quiet, Fast Forward)
dBA	48
Wash system	PrecisionWash®
Drying system	PureDry®
Third rack	No
Rack adjustability	RackMatic®
Tub material	Stainless steel/polypropylene
Concealed heating element	Yes
Leak protection system	24/7 Overflow Protection
NSF®-certified ² sanitize option	Yes
Water softener	No
Five-level wash	Yes
ChildLock	No
Home Connect®	Yes
Special features	InfoLight®
Efficiency	
Water usage per cycle	3.2
ENERGY STAR® Certified	Yes
Total annual energy consumption	240 kWh

Capacity

Number of place settings 14

Technical Details

Watts 1440 W

Current 12 Amps

Volts 120 V

Frequency 60 Hz

Power cord full length 67"

Power cord install length from edge of unit when facing the door (in)³ Left – 45"
Right – 50"

Minimum water pressure 14 lb/sin

Length outlet hose 90 1/2"

Dimensions & Weight

Overall appliance dimensions (HxWxD) 33 7/8" x 23 9/16" x 21 5/8"

Required cutout size (HxWxD) 33 7/8" x 24" x 24"

Adjustable feet Yes

Net weight 62 lbs

Accessories—Optional

Supply Hose Kit with Elbow SMZSH1ABUC

Junction Box SMZPCJB1UC

Drain Hose Extension Kit SGZ1010UC

Stainless Steel Straight Bosch Bar Handle SMZ1008UC

Edge Protector + Power Cord Clip Install Kit SMZEPCC1UC



¹Based on an average of sound ratings of 24" Full Size Stainless Steel Tub dishwashers contained in major brands websites. Major brands defined as Yipit Top 5 Market Share December 2024.

²Certification to NSF/ANSI Standard 184 for residential dishwashers.

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Warranties: Please see Use & Care manual or Bosch website for statement of limited warranty.

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24" Panel Ready Dishwasher

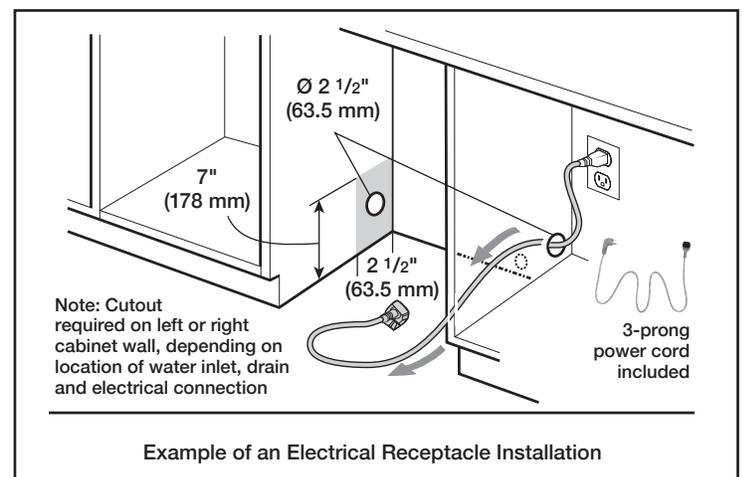
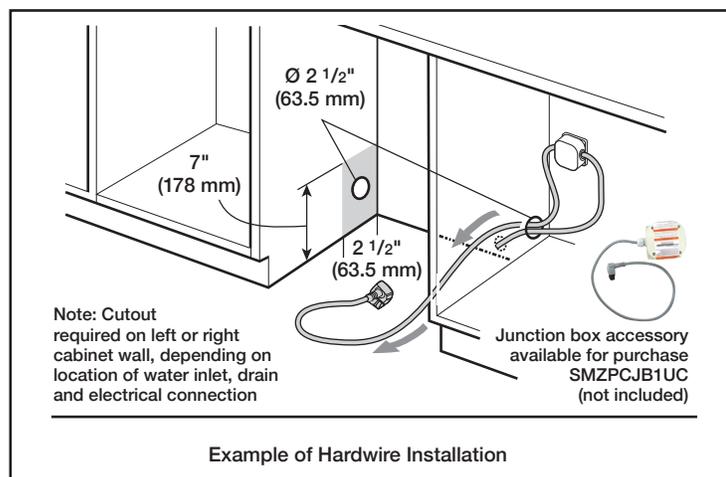
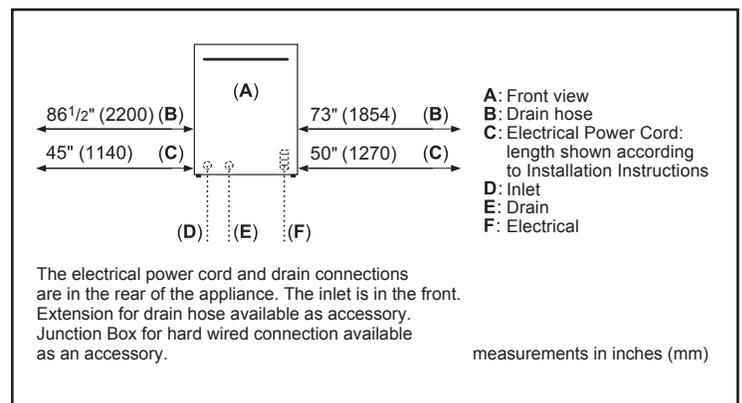
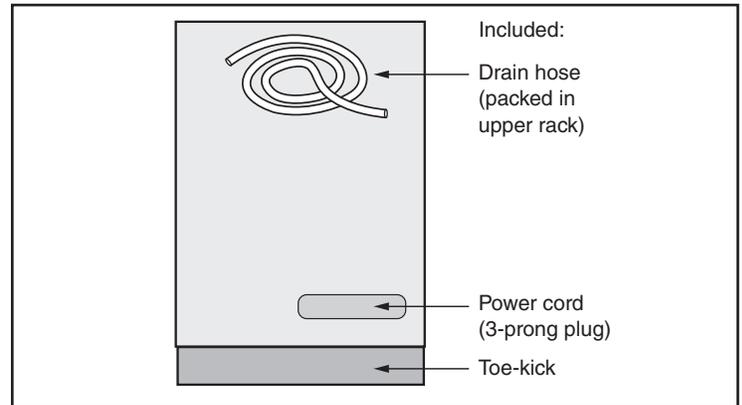
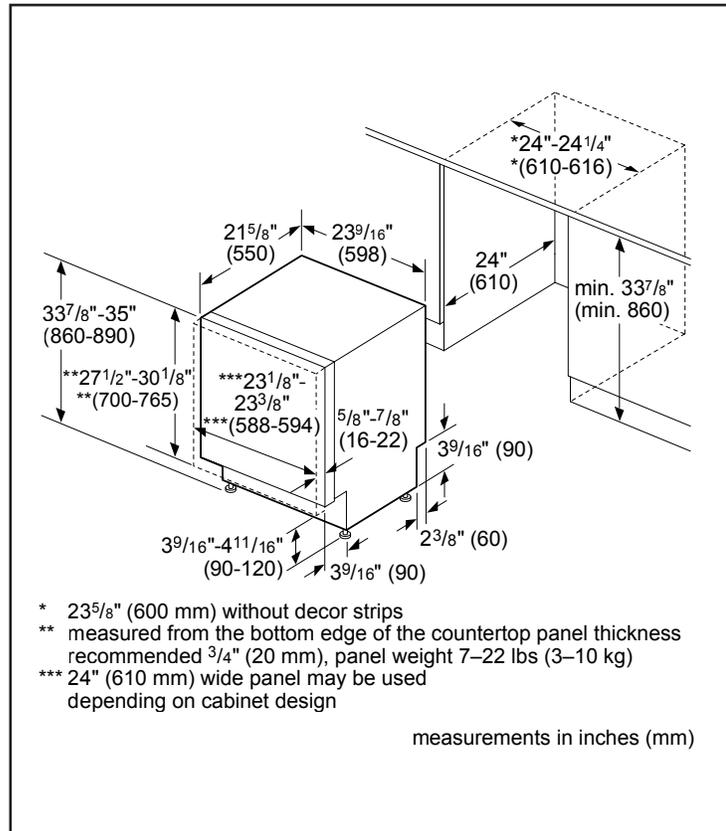
100 Series Plus – Panel Ready SHV4AEB3N



BOSCH

Invented for life

Installation Details



Accessories: To purchase Bosch accessories, cleaners & parts please visit www.bosch-home.com/us/store or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

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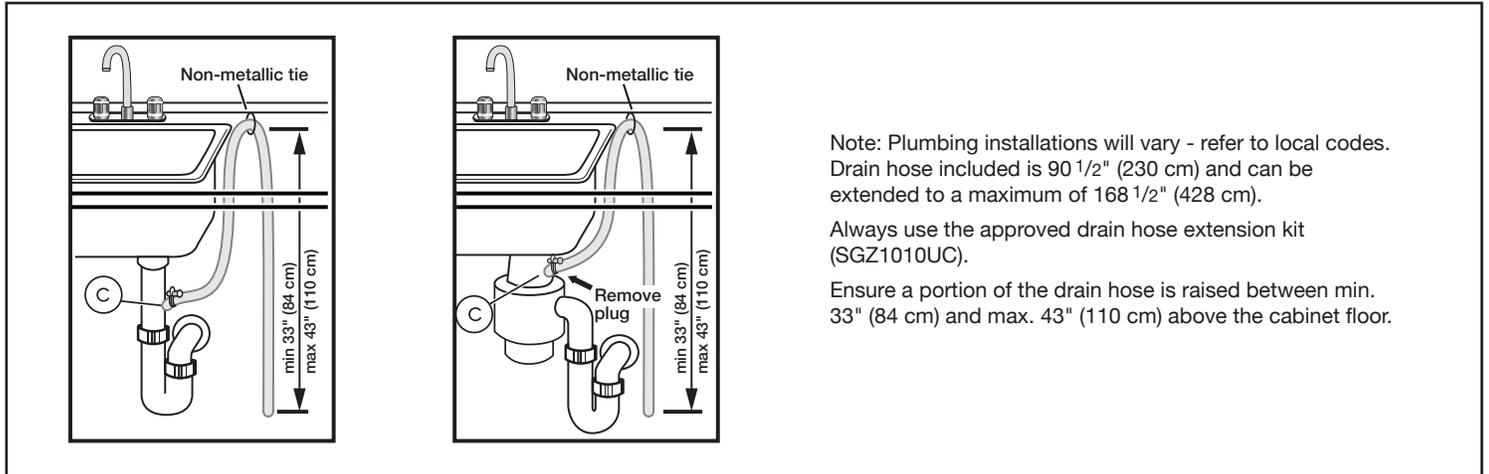
24" Panel Ready Dishwasher

100 Series Plus – Panel Ready SHV4AEB3N



BOSCH
Invented for life

Installation Details



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Microwave Ovens Cyclonic Inverter™

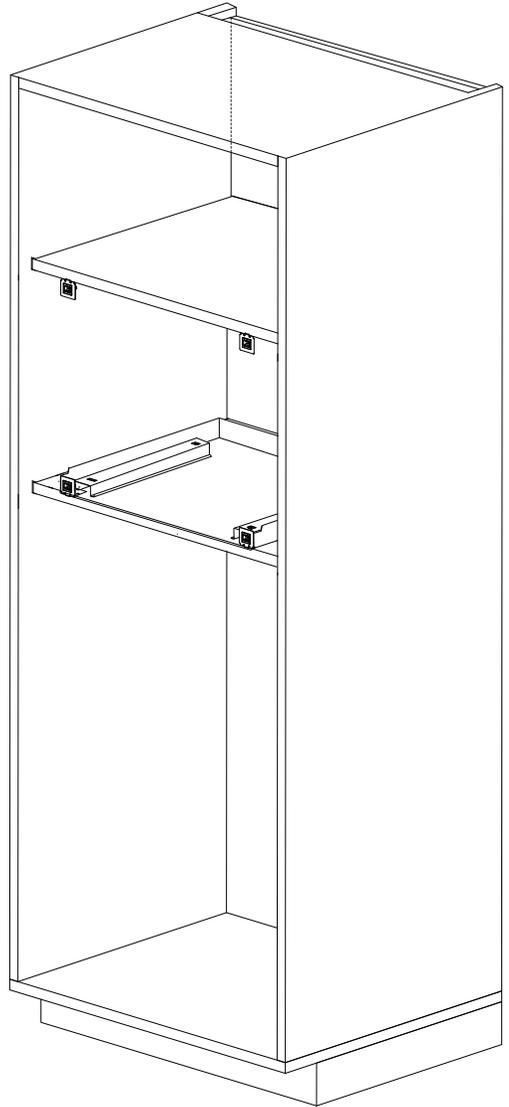
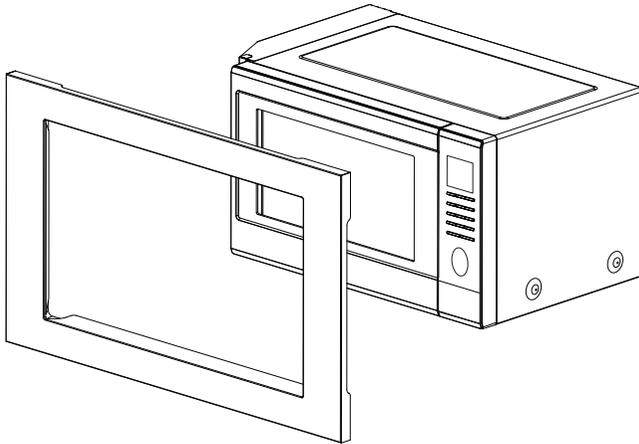
Countertop NN-SD765S

MODEL & SIZE	Model Number	NN-SD765S
	Type	Family-size
	Installation	Countertop or built-in
	Oven Capacity	1.6 cu. ft.
	Cooking Power	1200W
	Turntable Diameter	380mm
PANASONIC TECHNOLOGY	Panasonic Inverter	Cyclonic Inverter
	Genius Sensor	Genius®
DESIGN	Color	Stainless Steel
	Control Panel	Solid Dial + Button
	Display Panel	New 6 Digit LCD / Green
STYLE	Door Window	Smoked Glass
	Door Release	Push Open
	Oven Interior	Paint White
PERFORMANCE	Multi-stage Cooking	3 stage
PROGRAMMABLE FEATURES	Sensor Cook	Yes
	Sensor Reheat	Yes
	Auto Cook/Reheat	Yes
	More / Less Control	Yes
	Inverter Turbo Defrost	Yes
	Keep Warm Button	Yes
	Popcorn Button	Yes
	Quick Minute	Yes
SPECIFICATIONS	Cavity Dimensions (W x D x H)	Approx. 418 x 470 x 228 mm

			15.7 x 18.5 x 8.3 inch
		Unit Dimensions (W x D x H)	555 x 506 x 304 mm 21.9 x 19.9 x 12 inch
		Carton Dimensions (W x D x H)	627 x 540 x 360 mm
ACCESSORIES	TRIM KITS	27" Model Number	NN-TK722S
		30" Model Number	NN-TK732S
	Accessory	Glass Tray	

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- 2. Installation Diagram
- 2. Schéma d'installation
- 2. Diagrama de instalación

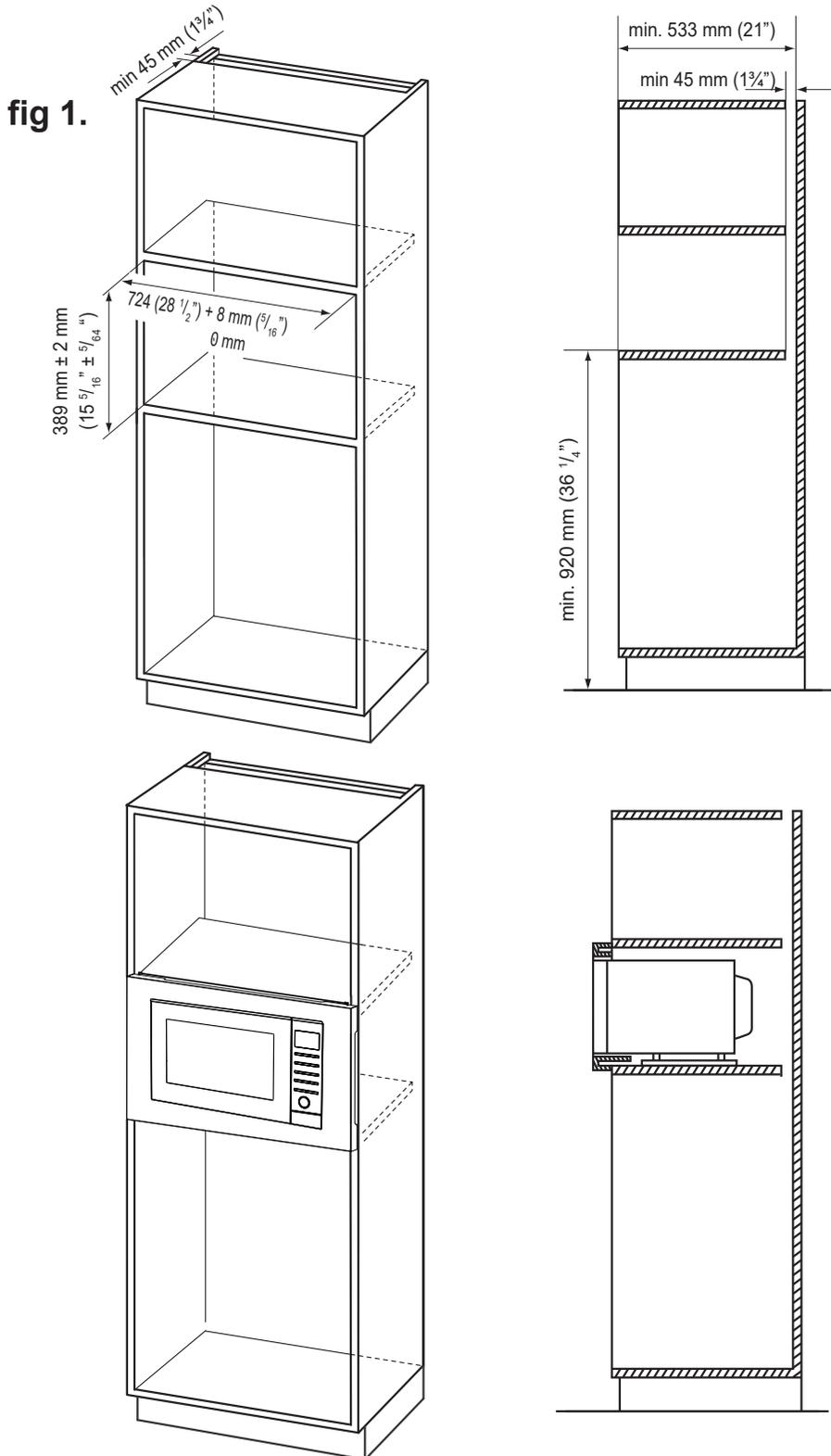


Trim Kit Dimensions	
	TK73LS
Width	30" (760 mm)
Height	16 ½" (419 mm)
Depth (Thickness)	¾" (20 mm)

3-1. Cabinet Diagram and Dimensions (For TK73LS)

3-1. Schéma de l'armoire et dimensions (Pour TK73LS)

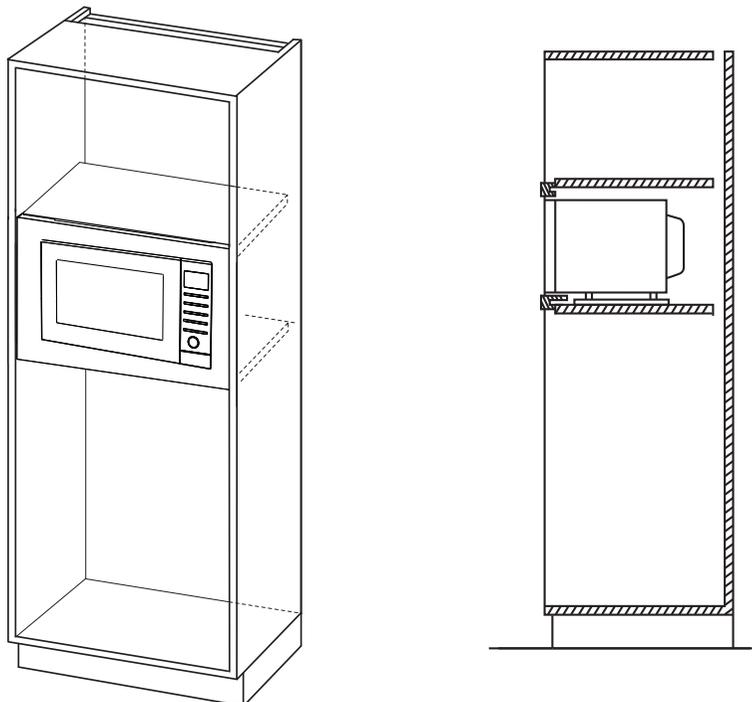
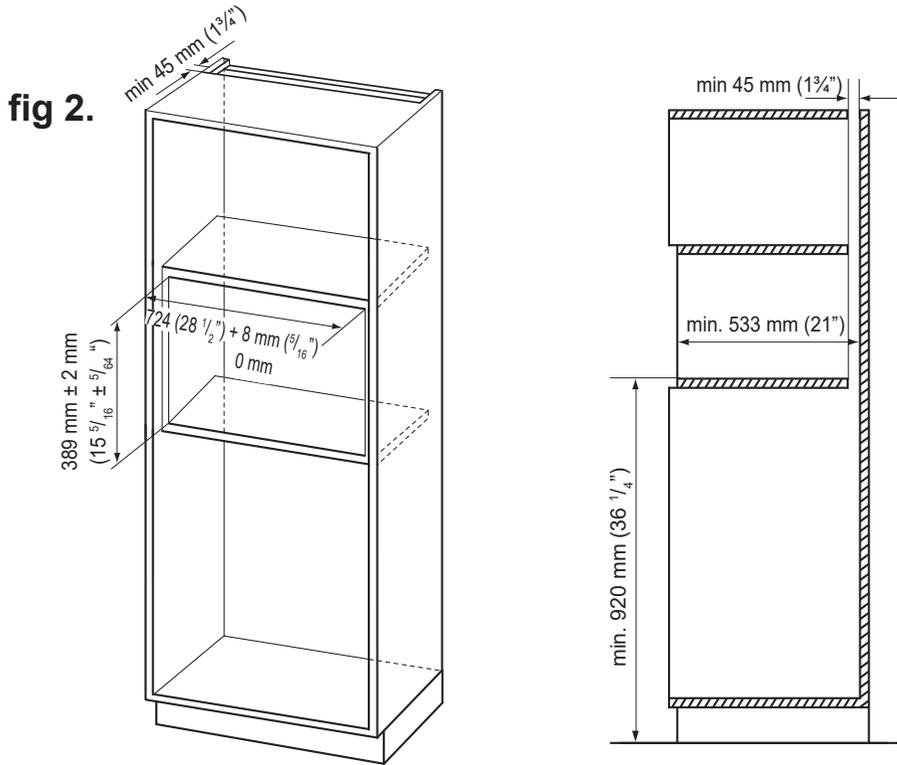
3-1. Dimensiones y diagrama del gabinete (Para TK73LS)



3-1. Cabinet Diagram and Dimensions (For TK73LS)

3-1. Schéma de l'armoire et dimensions (Pour TK73LS)

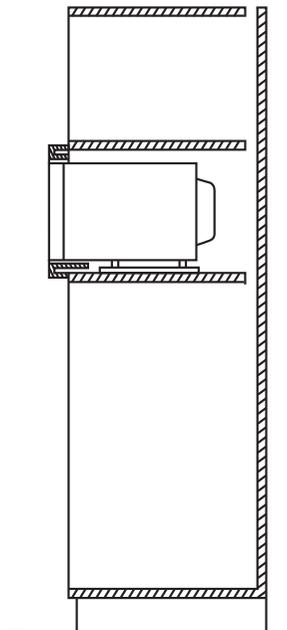
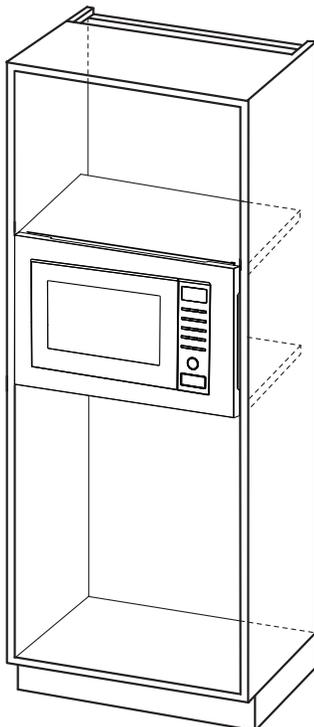
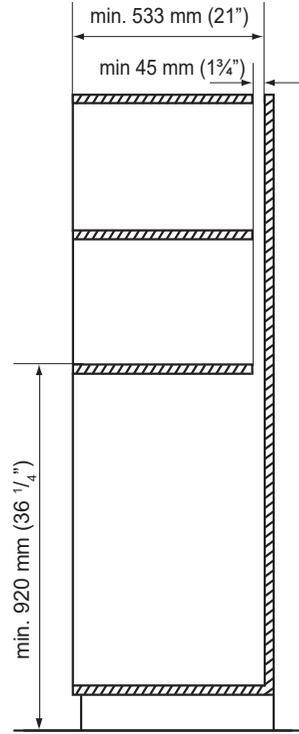
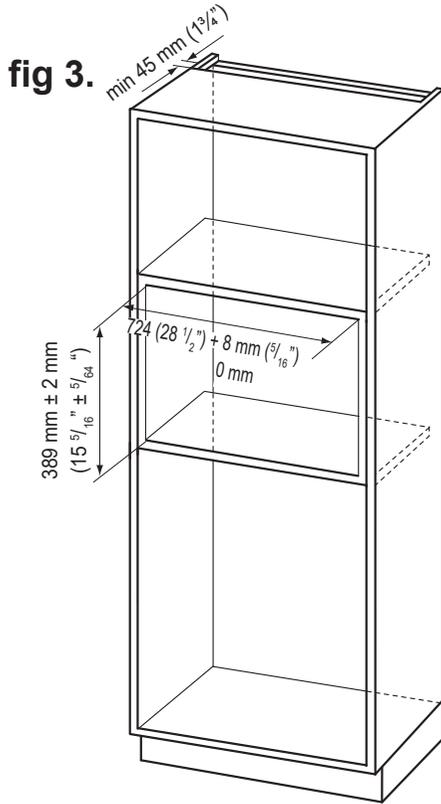
3-1. Dimensiones y diagrama del gabinete (Para TK73LS)



3-1. Cabinet Diagram and Dimensions (For TK73LS)

3-1. Schéma de l'armoire et dimensions (Pour TK73LS)

3-1. Dimensiones y diagrama del gabinete (Para TK73LS)



AVM-278PS2 30" INSERT HOOD

AVIVA



CONTROLS AND FUNCTIONS

Control	Mechanical push buttons
Lighting	2 bulbs, 3W LED (bulbs included)
Blower Type	860 CFM, 3-Speed
Blower performance	Speed 1, 1.0 sones Speed 3, 4.0 sones
Filter Type	2 aluminium micro hole filters and 2 stainless steel baffle filters included
Duct transition	6" and 8" round top
Ducting	Ducted

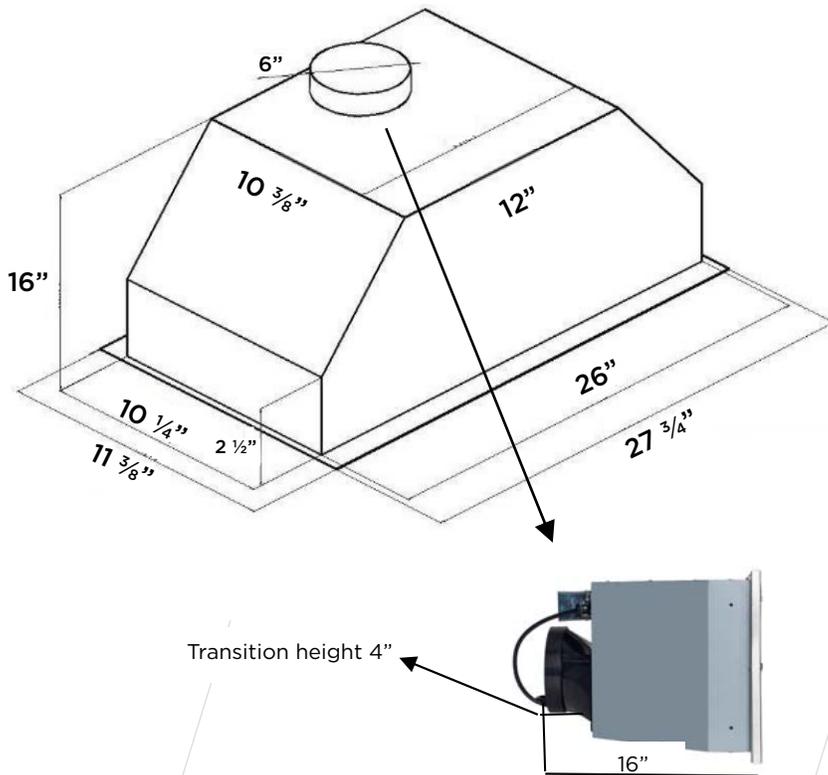
SPECIFICATIONS AND DIMENSIONS

Model number	AVM-278PS2
Dimensions	27 3/4" (W) x 11 3/8" (D) x 16" (H)
Stainless steel grade	201
Electrical requirements	120V / 60Hz / 2.7 Amps
Warranty	1 year parts and labour
UPC code	628173080232

AVM-278PS2 30" INSERT HOOD

AVIVA

DIMENSIONS

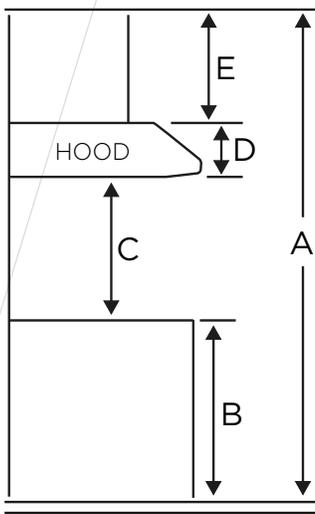


DUCT TRANSITION

6" and 8" Round top



INSTALLATION



A	Floor to ceiling height	VARIABLE
B	Floor to counter top height (standard)	36"
C	Recommended height between cooking surface and bottom of the hood	28" to 30"
D	Hood height	16"
E	Chimney height	N/A

Midland
APPLIANCE

LAUNDRY



MIDLAND APPLIANCE
A BEAUTIFUL
FIT.
M
ESTABLISHED 1984

COSTAR-2333 EAST 54TH AVENUE

Search 20250505234916996SC

www.midlandappliance.com

LG LAUNDRY

WKEX200HBA

LG WashTower™ with Centre Control™

5.2 cu.ft. Washer, 7.4 cu.ft. Dryer

Unitary One Body Design with Centre Control™

AIDD™ & AI Sensor Dry™

TurboWash™ 360

TurboSteam™

Wi-Fi Enabled™

Full STS Drums with STS Lifters™

Enjoy new ways to control your home with LG smart appliances

LG ThinQ™

- Start the laundry while you're out shopping
- Get alerts when the cycle is finished
- Works with the LG ThinQ® app



SUMMARY	Washer	Dryer
Type	Front Load Washer	Front Load Dryer
Capacity (cu.ft)	5.2	7.4
Colour	Black Steel (B)	
APPEARANCE	Washer	Dryer
Hard Buttons	No	
Full Touch Electronic Control Panel	Yes	
ENERGY	Washer	Dryer
ENERGY STAR® Qualified	Yes	
CEE Tier	Tier2	-
IMEF	2.92	-
IWF	2.9	-
CEF	-	3.94
PROGRAMS	Washer	Dryer
No. of Programs	6 Normal, Bedding, Delicates, Heavy Duty, Speed Wash, Downloaded	6 Normal, Bedding, Delicates, Heavy Duty, Speed Wash, Downloaded
OPTIONS	Washer	Dryer
No. of Options	10 TurboWash®, Steam, Extra Rinse, Pre-wash, Sanitary, Tub Clean, Drum Light, Child Lock, Signal, Wi-Fi / Remote Start	10 Wrinkle Care, TurboSteam™, Reduce Static, Energy Saver, Steam Fresh*, Drum Light*, Child Lock*, Signal*, Wi-Fi* / Remote Start
DETAILS	Washer	Dryer
No. of Wash/Rinse Temps	5 Hot, Warm/Hot, Warm, Cold/ Warm, Cold	-
No. of Spin Speeds	5 High, Medium/ High, Medium, Low, No Spin	-
Max RPM	1300	-
Water Levels	Load Sensing	-
No. of Soil Levels	5	-
Temperature Settings	-	High, Medium/ High, Medium, Low/Medium, Low

Drying Levels	-	Very, More, Normal, Less, Damp
Manual Dry Times	-	60 min., 50 min., 40 min., 30 min., 20 min.
FABRIC CARE FEATURES	Washer	Dryer
AI DD	Yes	-
TurboWash™ 360 Technology	Yes	-
TurboWash™ 2.0 Technology	No	-
Steam Technology	Yes	-
Allergiene™ Cycle	Yes	-
Sanitary Cycle	Yes	-
SenseClean™ System	Yes	-
AI Sensor Dry™	-	Yes
Sensor Dry	-	Yes
Precise Temperature Control with Variable Heater	-	Yes
Steam Technology	-	Yes (TurboSteam™)
CONVENIENCE FEATURES	Washer	Dryer
TrueBalance™ Anti-Vibration System	Yes	-
4 Tray Dispenser	Prewash, Main Wash (with liquid detergent cup), Bleach, Fabric Softener	-
LoadSense	Yes	-
Auto Suds Removal	Yes	-
3 Minute Installation Check	-	Yes
Reversible Door	-	No
FlowSense™ Duct Clogging Indicator	-	Yes
Wrinkle Care Option	-	Yes
Venting Option	-	3 Way
End of Cycle Signal	-	Yes
Control Lock*	-	Yes
Drum Light	-	Yes
4 Adjustable Leveling Legs	-	Yes
Remaining Time Display/Status Indicator(s)	-	Yes

THINQ TECHNOLOGY	Washer	Dryer
SmartDiagnosis™ (v3.0)		Yes
Wi-Fi		Yes
Remote Start and Cycle Monitor		Yes
Energy Monitoring		Yes
Tub Clean Coach	Yes	-
MOTOR	Washer	Dryer
Motor Type	Inverter Direct Drive Motor	-
Axis	Horizontal	-
MATERIALS AND FINISHES	Washer	Dryer
NeveRust™ Stainless Steel Drum		Yes
Control Panel		Plastic
Top Plate		Steel
Cabinet		PCM
Door / Rim		Large Circle Chrome Rim
Door Cover		Tinted Round Tempered Glass
CERTIFICATION	Washer	Dryer
Asthma Canada	Yes	-
POWER SOURCE	Washer	Dryer
Ratings		CSA Listed
Electrical Requirements	120V, 10 Amps	240V 30 Amps
Type		Electric
DIMENSIONS	Washer	Dryer
Product (WxHxD)	27" x 74 3/8" x 30 3/8"	
Depth with Door Open	55" D with door open	
Carton (WxHxD)	30 1/16" x 79 11/32" x 32"	
Weight (Product/Carton)	326 lbs / 361 lbs	
LIMITED WARRANTY	Washer	Dryer
Parts and Labour	1 Year	1 Year
Direct Drive Motor	10 Years	-
Drum	3 Years	10 Years
UPC	Washer	Dryer
WKEX200HBA	772454073670	

⚠ WARNING

- Read all installation instructions completely before installing and operating the appliance. It is important that you review this entire manual before installing and using the appliance. Detailed instructions concerning electrical connections and additional requirements are provided on the following pages.
- Moving or installation of the appliance requires two or more people. Failure to follow these instructions may result in injury.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. Failure to follow this warning can cause product or part failure, serious injury, fire, electric shock, or death.
- Properly ground the appliance to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- To ensure proper airflow, do not block the large opening on the bottom of the appliance with carpeting or other materials.
- Do not remove the ground prong from the power cord. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel- Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.

Choosing the Proper Location

Check the following requirements for the install location before installing the appliance.

- Allow for sufficient space between the walls and the appliance for installation.
- Make sure that the floor is clean, dry and free of dust, dirt, water and oil so the leveling feet cannot slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise.
- If the floor has too much flex, reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.
- If a drain pan must be used, take extra care to follow the instructions provided with the drain pan and make sure the leveling feet are adjusted for firm and even contact with the pan. Use of drain pans and failure to properly level the appliance may result in increased vibration and noise during operation.

Flooring

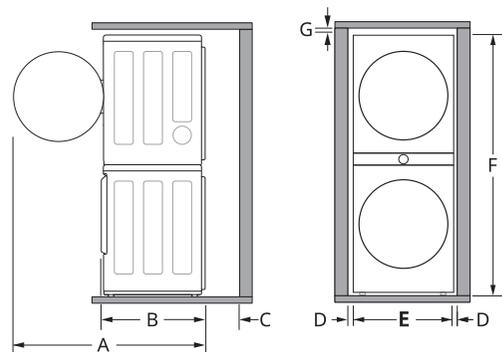
- To minimize noise and vibration, install the washer on a level, solidly constructed floor capable of supporting the appliance without flexing or bouncing.
- The appliance must be installed on firm flooring to minimize vibration during the spin cycle.

Concrete flooring is best, but a wood floor is sufficient, provided it is built to FHA standards.

- The floor under the appliance must not slope more than **1 inch (2.5 cm)** from front to back or side to side.
- Installing on carpeting and soft tile surfaces is not recommended.
- Never install the appliance on a platform or weakly supported structure.

Floor Installation

To ensure sufficient clearance for water inlet hoses, drain hose and airflow, allow minimum clearances of at least **1" (2.5 cm)** at the sides and **4" (10 cm)** behind the appliance. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.



Dimensions and Clearances	
A	55" (139.6 cm)
B	30 3/8" (77 cm)
C	4" (10 cm)
D	1" (2.5 cm)
E	27" (70 cm)
F	74 3/8" (189 cm)
G	4" (10 cm)

Exhaust

- A location that allows for proper exhaust installation. A gas dryer must be exhausted to the outdoors.

Power Outlet

- The power outlet must be within **60 inches (1.5 m)** of either side of the appliance.
- Position the appliance so that the outlet and plug are easily accessible.
- Do not overload the outlet with more than one appliance.
- The outlet must be grounded in accordance with current electrical wiring codes and regulations.
- Use a time-delay fuse or circuit breaker.
- It is the personal responsibility and obligation of the appliance owner to have a proper outlet installed by a qualified electrician.

NOTE

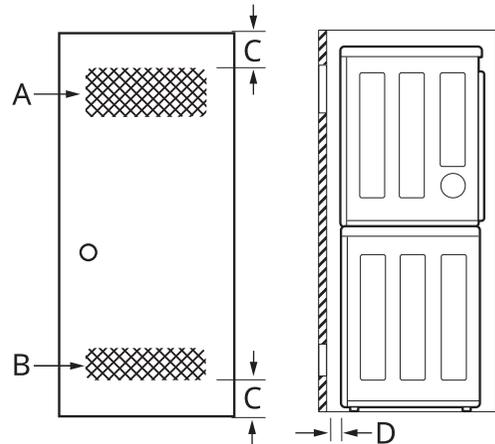
- Check code requirements that limit, or do not permit, installation of the appliance in garages, mobile homes or sleeping quarters. Contact your local building inspector.

Clearances

The following clearances are recommended for the appliance.

- Additional clearances should be considered for ease of installation and servicing.
- Additional clearances should be considered on all sides of the appliance to reduce noise transfer.

Installation spacing for Recessed Area or Closet Installation



Description	Dimension/Clearance
A: Upper Ventilation Opening	48 sq. in. (310 cm ²)
B: Lower Ventilation Opening	24 sq. in. (155 cm ²)
C: Distance to Ventilation Opening	3" (76 mm)
D: Front Clearance	4" (100 mm)

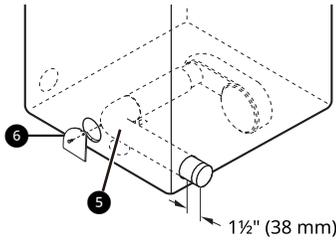
Closet Ventilation Requirements

Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 48 sq. in. (310 cm²) must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 24 sq. in. (155 cm²) must be installed no more than one foot above the floor. Install vent grills in the door or cut down the door at the top and bottom to form openings. Louvered doors with equivalent ventilation openings are also acceptable.

NOTE

- There should be at least a little space around the appliance (or any other appliance) to eliminate the transfer of vibration from one appliance to another. If there is enough vibration, it could cause appliances to make noise or come into contact, causing paint damage and further increasing noise.
- No other fuel-burning appliance can be installed in the same closet as an appliance.

the male end of the duct protrudes **1 1/2" (3.8 cm)** to connect the remaining ductwork. Attach the cover plate **6** to the back of the dryer with the included screw.



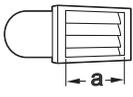
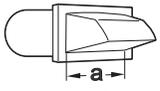
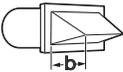
Venting the Dryer

⚠ WARNING

- Gas dryers **MUST** exhaust to the outdoors.
- **DO NOT** use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system. Secure all joints with duct tape.
- To reduce the risk of fire, combustion, or accumulation of combustible gases, **DO NOT** exhaust dryer air into an enclosed and unventilated area, such as an attic, wall, ceiling, crawl space, chimney, gas vent, or concealed space of a building.
- To reduce the risk of fire, **DO NOT** exhaust the dryer with plastic or thin foil ducting.

- Do not exceed the recommended duct length limitations noted in the chart. Failure to follow these instructions may result in extended drying times, fire or death.
- Do not crush or collapse ductwork.
- Do not allow ductwork to rest on or contact sharp objects.
- If connecting to existing ductwork, make sure it is suitable and clean before installing the dryer.
- Venting must conform to local building codes.
- Use only 4 " (10 cm) rigid, semi-rigid or flexible metal ductwork inside the dryer cabinet and for venting outside.
- The exhaust duct must be 4 " (10 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.
- Rigid, semi-rigid or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for transition duct could affect drying time.
- Ductwork is not provided with the dryer. You should obtain the necessary ductwork locally. The vent hood should have hinged dampers to prevent backdraft when the dryer is not in use.
- The total length of flexible metal duct must not exceed 8 ft. (2.4 m).

Ductwork

Wall Cap Type	Number of 90° Elbows	Maximum length of 4-inch diameter rigid metal duct
Recommended   a: 4 " (10 cm)	0	65 ft. (19.8 m)
	1	55 ft. (16.8 m)
	2	47 ft. (14.3 m)
	3	36 ft. (11.0 m)
	4	28 ft. (8.5 m)
Use for only short run installations  b: 2 1/2 " (6.4 cm)	0	55 ft. (16.8 m)
	1	47 ft. (14.3 m)
	2	41 ft. (12.5 m)
	3	30 ft. (9.1 m)
	4	22 ft. (6.7 m)

NOTE

- Deduct 6 ft. (1.8 m) for each additional elbow. Do not use more than four 90° elbows.

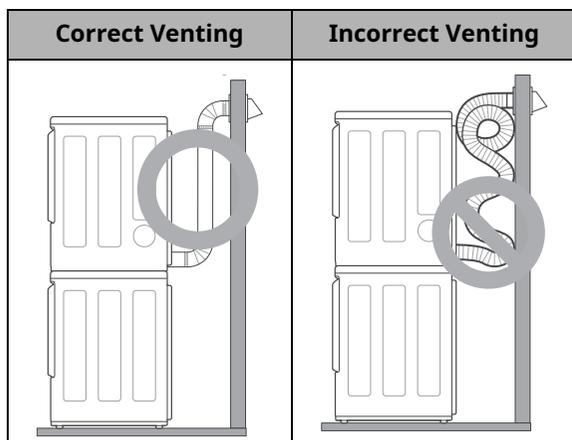
NOTE

- In Canada, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer should be used. In the United States, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the Outline for Clothes Dryer Transition Duct, Subject 2158A, should be used.

Routing and Connecting Ductwork

Follow the guidelines below to maximize drying performance and reduce lint buildup and condensation in the ductwork. Ductwork and fittings are NOT included and must be purchased separately.

- Use 4" (10 cm) diameter rigid, semi-rigid or flexible metal ductwork.
- The exhaust duct run should be as short as possible.
- Use as few elbow joints as possible.
- The male end of each section of exhaust duct must point away from the dryer.
- Use duct tape on all duct joints.
- Insulate ductwork that runs through unheated areas in order to reduce condensation and lint buildup on duct surfaces.
- Incorrect or inadequate exhaust systems are not covered by the dryer warranty. Dryer failures or service required because of such exhaust systems will not be covered by the dryer warranty.

**Connecting Gas Dryers****⚠ WARNING**

- To reduce the risk of fire or explosion, electric shock, property damage, injury to persons, or

death when using this appliance, follow requirements including the following:

Electrical Requirements for Gas Models**⚠ WARNING**

- This dryer is equipped with a three-prong grounding plug for protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- For personal safety, this dryer must be properly grounded.
- This dryer must be plugged into a 120-VAC, 60-Hz. grounded outlet protected by a 15-ampere fuse or circuit breaker.
- Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

Gas Supply Requirements**⚠ WARNING**

- DO NOT attempt any disassembly of the dryer; disassembly requires the attention and tools of an authorized and qualified service technician or company.
- DO NOT use an open flame to inspect for gas leaks. Use a noncorrosive leak detection fluid.
- Gas pressure must not exceed 8-inch (20.4 cm) water column for NG, or 13-inch (33.1 cm) water column for LP.
- Isolate the dryer from the gas supply system by closing its individual manual shutoff valve during any pressure testing of the gas supply at pressures greater than 1/2 psi (3.5 kPa).

4 Flush out the inlet hoses.

- After the hoses are connected, turn on the water faucets and flush out any foreign substances such as dirt, sand, or sawdust.
- Let the water drain into a bucket, and check the water temperature to make sure you've connected the hoses to the correct faucets.



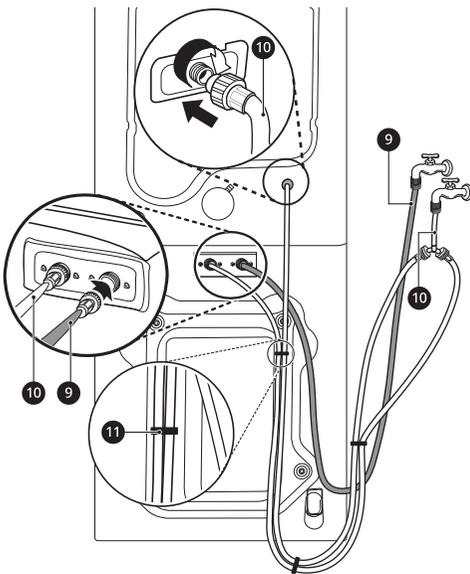
5 Attach the inlet hoses to the back of the appliance and secure the cold water inlet hoses with tie straps **11**.

For the Washer

- Attach the hot water inlet hose **9** to the hot water inlet on the back of the washer. Attach the cold water inlet hose **10** to the cold water inlet on the back of the washer.

For the Dryer

- Attach the cold water inlet hose **10** to the cold water inlet on the back of the dryer.
- Tighten the fittings securely. Turn on both faucets all the way and check for leaks at both ends of the hoses.



Connecting the Drain Hose

Connect the drain hose to either a standpipe or laundry tub.

WARNING

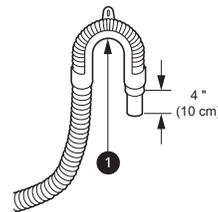
- The drain hose should always be properly secured. Failure to properly secure the drain hose can result in flooding and property damage.

NOTE

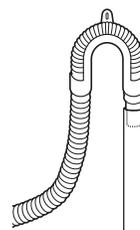
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.
- Do not install the drain hose with the end lower than 29.5 inches (75 cm) or higher than 96 inches (244 cm) above the bottom of the washer or more than 60 inches (152 cm) away from the washer.
- Never create an airtight seal between the hose and the drain with tape or other means. If no air gap is present, water can be siphoned out of the drum resulting in poor wash/rinse performance or clothing damage.

Using a Standpipe to Drain

- Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket **1** within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.

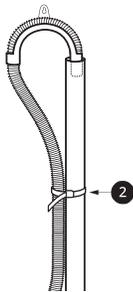


- Insert the end of the drain hose into the standpipe.

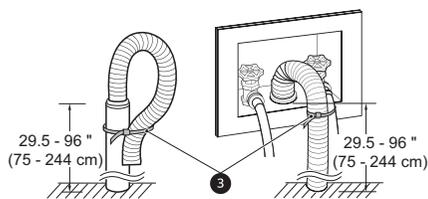


24 INSTALLATION

- 3 Use the provided tie strap **2** to secure the drain hose in place.

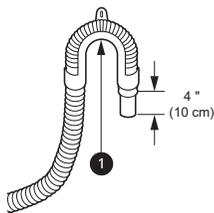


- 4 If the water valves and drain are built into the wall, fasten the drain hose to one of the water hoses with the provided tie strap **3** (ribbed side on inside).

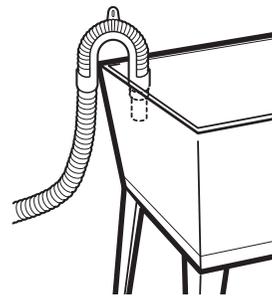


Using the Laundry Tub to Drain

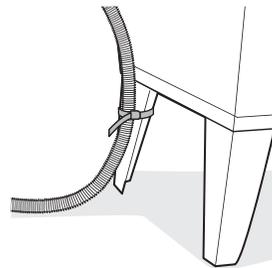
- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket **1** within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



- 2 Hang the end of the drain hose over the side of the laundry tub.



- 3 Use the provided tie strap to secure the drain hose in place.



Leveling the Appliance

The drum of the washer spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be a solid, level surface.

CAUTION

- Using the appliance without leveling it may cause excess vibration and noise, leading to an appliance malfunction.
- Adjust the leveling feet only as far as necessary to level the appliance. Extending the leveling feet more than necessary can cause the appliance to vibrate.

NOTE

- Before installing the appliance, make sure that the floor is clean, dry and free of dust, dirt, water and oil so the appliance feet cannot slide easily. Feet that move or slide on the floor can contribute to excessive vibration and noise.

How to Level the Appliance

- 1 Position the appliance in its final location.
 - Take special care not to pinch, strain, or crush the water and drain hoses. If you have a carpenter's level **1**, you can use it to check that the appliance is level. The slope