

LIEBHERR

Quality, Design and Innovation

The HCB 2082 offers elegant French door styling, with self-closing double freezer drawers, available in 36" design for custom kitchens. Choose from the fully integrated HCB 2082 concealed behind custom cabinetry, or the professional aesthetics of stainless steel panels. Standard accessories for this series are available for adapting to 80" or 84" high installation requirements. Smart interior design features include a stainless steel back wall which prevents dripping and the build-up of ice, and fully extendable SoftTelescopic freezer drawers which provide reliable self-retraction and soft closing.

The **HCB 2082** includes BioFresh technology, which helps foods retain their healthy vitamins, aromas, and appetizing appearance for significantly longer than in conventional refrigerators. The automatic IceMaker with fixed water connection produces perfect half-moon crescent ice cubes, which can be taken from freezer-to-table thanks to the removable ice bin.

Liebherr's DuoCooling system, with individual variable speed compressors, provides superior performance and efficiency, as well as advanced food preservation. The dual refrigeration system creates optimal conditions in both the refrigerator and freezer compartments, which lengthens the shelf life of foods for a healthier lifestyle. Individual silent cooling systems ensure accurate temperature and humidity controls so that your fresh foods never dry out.



Fully Integrated/Seamless

Energy consumption (kWh/y)

Estimated Yearly Energy Cost in US \$*

Sound rating dB(A)**

Refrigerator capacity cu.ft. (I)

BioFresh comp. cu.ft. (I)

Freezer capacity cu.ft. (I)

Number of shelves

Number of door racks

Number of freezer drawers

Number of BioFresh drawers

Electronic control

Refrigerator temperature range °F (°C)***

Freezer temperature range °F (°C)

Defrost type

Interior light

Water filter

water fille

IceMaker

Ice cube output lbs. (kg)/24h

Ice cube stock lbs. (kg)

SoftSystem

Door hinges

Product dimensions (H/W/D) in. (cm)

Cut out dimensions (H/W/D) in. (cm)

Net weight lbs. (kg)

Voltage V/Hz

HCB 2082 PremiumPlus

















67

43

12.9 (365)

2.4 (69)

6.0 (170)

4

6

2 with LED lighting

2 with LED lighting

MagicEye with digital temp. display, touch electronic

 $+37^{\circ}$ F to $+45^{\circ}$ F ($+3^{\circ}$ C to $+7^{\circ}$ C)

+7°F to -17°F (-14°C to -27°C)

automatic

LED light column and LED ceiling lighting

ves

fixed water connection

3.1 (1.4)

7.9 (3.6)

yes

left/right

79 13/16" / 35 7/8" / 24 1/16" (202.7/91/61)

80"-81 5/8" / 36 1/16" / 24 5/8" (203.2-207.2/91.5/62.5)

359.3 (163.0)

115/60

^{*} Estimated energy cost will depend on utility rates and use. Estimated energy cost based on a national average electricity cost of 12 cents per KWh.

^{**} Noise output – according to EN 60704-3.

^{***} BioFresh bins temperatures 32°F (0°C).



German Engineering: Our superior products offer premium quality, cutting edge design, and innovative features that best fit your lifestyle. The use of high quality materials, perfectly detailed finishes, and elite cooling components are combined with the latest production processes, resulting in an outstanding cooling product.



Energy Star: The entire line of North American Liebherr appliances meet or exceed ENERGY STAR ® rating requirements, greatly reducing greenhouse emissions and energy costs.



BioFresh: BioFresh guarantees the perfect climate for super-long-term freshness. Each drawer can be used individually and provides ideal humidity — HydroSafes with high humidity or DrySafes with low humidity — for a versatile storage solution of meats and cheeses as well as fruits and vegetables.



DuoCooling: The dual refrigeration system creates optimal conditions in both the refrigerator and freezer which lengthens the shelf life of food items for a healthier lifestyle. This technology also preserves the flavor and texture of foods since there is no transfer of unwanted air, moisture or food aroma between the two compartments.



SuperCool/SuperFrost: Simply quick chill and/or freeze fresh groceries to preserve optimum freshness and seal in flavors, textures as well as maintain essential vitamins and minerals.



SuperQuiet: Noise levels are kept to a minimum thanks to virtually silent, speed-controlled, and sound absorbing compressors. Alongside a low noise cooling circuit, these features ensure exact performance, energy efficiency, and SuperQuiet operation.



SoftSystem: Doors close automatically and gently from a minimum opening angle of approx. 30° thanks to our SoftSystem technology, which eliminates slamming even when shelves are fully loaded.

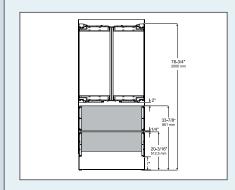


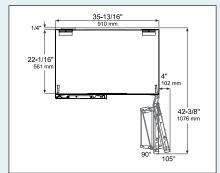
Electronic Display: Our intuitive electronic touch control panel ensures all functions are easy and convenient to use as well as guarantees that the settings selected remain accurate and constant.



GlassLine: The elegant yet tough GlassLine shelves are scratch resistant and easy to clean as well as dishwasher safe. The space-saving shelves are designed for organization and are completely adjustable to suit your needs and the contents of the refrigerator. Additionally, the lighting shines through for a brighter interior.

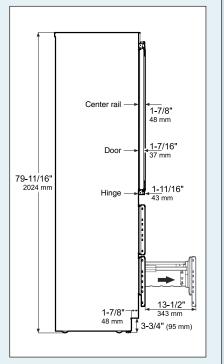
Unit Dimensions





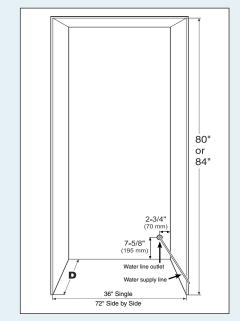
Allow door swing clearance at locations next to a wall.

The refrigerator door must open to a minimum of 90° to allow the crispers to open and the shelves to be removed.



Height can be increased by 1-1/2" (40 mm) by turning the levelling feet at the front and the height adjustable roller units at the appliance rear.

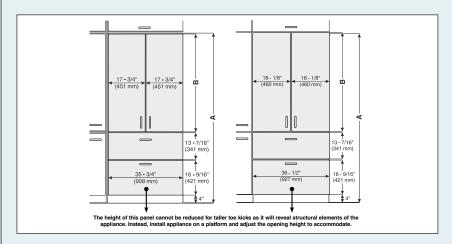
Cabinet Opening Dimensions



Inset cabinet Depth D	Frameless cabinet Depth D
24" + panel thickness	24"

Factory available stainless steel panels are designed for an inset installation only and require a cabinet / gable depth of 24 - 3/4".

Panel Dimensions



Inset Installation Style

Minimum panel thickness is 5/8" (16 mm).

Maximum panel thickness is 3/4" (19 mm).

Maximum weight of each panel is **26.5 lbs** (12 kg).

Cabinet opening A		Refrigerator door panel B
	80"	45-1/4" (1150 mm)
	84"	49-1/4" (1251 mm)

Frameless Installation Style

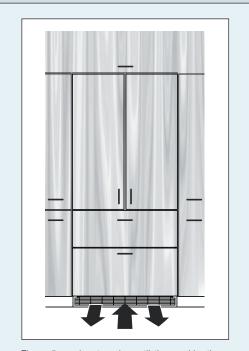
Minimum panel thickness is 5/8" (16 mm).

Maximum panel thickness is 3/4" (19 mm).

Maximum weight of each panel is **26.5 lbs** (12 kg).

Cabinet opening A	Refrigerator door panel B
80"	45-3/4" (1162 mm)
84"	49-3/4" (1264 mm)

Ventilation Requirements



The appliance do not require ventilation considerations in the cabinetry. The required airflow is directed through the toe kick base. It is important to use the provided cover grille for the ventilation opening. This opening must not be covered.

PROF365CTXV

PROFESSIONAL SERIES 36" FRONT CONTROL GAS COOKTOP 5 BURNERS





Bring Italian design and precision into your kitchen with the Bertazzoni front-control gas cooktop, designed to install almost flush with the countertop.

Cook like a pro on the 5 flexible burners and cast iron contour grates, spaciously laid out to accommodate pots of different sizes.

Crank up the heat to boil water, sear meat or cook with a wok using the power burner with dual ring flame, which boils water faster than any burner in its class (19,000 BTUs with LP gas).

Delicately melt chocolate on the simmer burner.

Protect your house and your family with the 100% failsafe thermocouple technology that immediately shuts off the flow of gas in case of a flame outage.

Clean in no time after cooking, thanks to the seamless one-piece stainless worktop with no gaps, joints or fasteners.

This cooktop is ideal for installation over a Bertazzoni oven because of its extremely low-depth design.

ADA compliant.

Designed and manufactured with pride by Bertazzoni in Italy.

Industry leading 2 years parts and labor warranty.

PRODUCT FEATURES			
Maintop	5 burners		
Burner power	1 power burner 17000 BTU 1 rapid burner 10400 BTU 2 medium burners 6000 BTU 1 simmer burner 3750 BTU		
Ignition system	Electric with thermocouple safety device		
Grates	Cast iron		
Included accessories	Simmer ring		
TECHNICAL SPECIFICATIONS			
Electrical supply	120 V 60 HZ - 1 W 1 Amps		
Power connection	NEMA 5-15P with 59" power cord		
Certification	UL		
Warranty	2 years parts & labor		
Gas type	NG		
Conversion kit included	LPG		
Packaging dimensions and weight	W 38" H 8 3/8" D 23 1/2" 46.5 lbs		

version: 1 bertazzoni.com

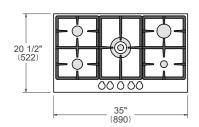
PROF365CTXV

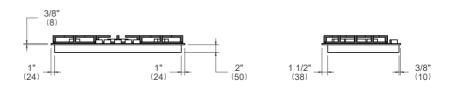
PROFESSIONAL SERIES 36" FRONT CONTROL GAS COOKTOP 5 BURNERS



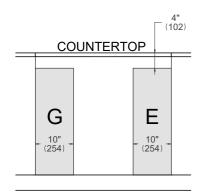
PRODUCT DIMENSIONS

TOP VIEW FRONT VIEW SIDE VIEW





ELECTRICAL & GAS CONNECTION



A properly-grounded, horizontally-mounted electrical receptacle should be installed according to this drawing.

G

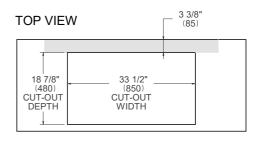
An agency-approved, properly-sized manual shut-off valve should be installed according to this drawing.

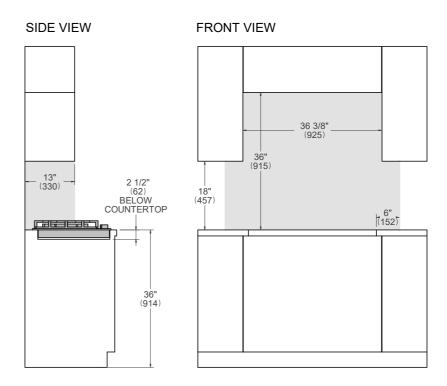
INSTALLATION REQUIREMENTS

Combustible material cannot be installed within shaded area.

For installation with an updraft or downdraft hood as well as any OTR, refer to the hood/OTR manufacturer's installation requirements.

CUTOUT DIMENSIONS





For installation of multiple products in combination, refer to the Design Guide at us.bertazzoni.com or ca.bertazzoni.com

30 Electric Convection Oven Self-Clean

Professional Series



PROF30FSEXV

Bertazzoni built-in ovens put Italian design and precision at the heart of your kitchen. As beautiful as they are practical, they c be installed flush or proud in any style of kitchen cabinet.

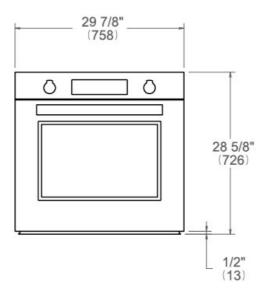
With technology designed to help you cook any dish to perfection, the Bertazzoni dual diagonal convection fans offer best-in class even heat distribution throughout the extra-large 4.1 cu.ft oven cavity. Evenly bake large batches of cookies using all 7 shelf positions. The full-width 8-pass broiler sears steaks so they are crisp on the outside and juicy inside. Or use it to broil delicate fish fillets to perfection. And when you've finished cooking, the no-fingerprint stainless steel is easy to clean.

Bertazzoni built-in ovens are designed with pride in Italy and covered by an industry-leading 2-year parts and labor warranty.

Specifications

Features	
Oven cavity	
Size	30 in
Oven configuration	single
Oven fuel	electric
Oven broiler type	electric
Oven functions	bake / broil / convection / convection bake / convection broil / defrosting / dehydra / fast preheat / oven light / pizza / proofing / pyrolytic self clean / sabbath mode / warming
Overall volume	4.10 ft³
Oven convection system	dual diagonal with heating element
Oven controls	knobs / touch LED display
Inner oven door	quadruple
Removable inner glass	yes
Cavity finishing	pyrolityc grey enamel
Oven handle	metal
Cooling fan	yes
Oven levels	7
Timer	touch digital programmer
Door hinge	soft-motion
Wire-shelves	1 flat / 1 shaped
Tray	1 baking tray with roasting trivet
Grill trivet for tray	yes
Oven lights	single
Technical specifications	
Electrical supply	120/240 V 60 Hz - 5500 W / 120/208 V 60 Hz - 4400 W / 30 Amp dedicated circuit
Power connection	metal conduit 59" power cord
Certification	CSA
Power rating	Bake: 5400W / Broiler: 3400 W / Convection: 3300 W

Dimensions



CRISTAL SS SLIDE OUT RANGE HOOD



POWERFUL, PRACTICAL, EFFICIENT SLIDE OUT RANGE HOOD. For a streamlined look in the kitchen, the Cristal SS slide out hood is your integrated choice with a Stainless Steel pull-out visor which slides in, neatly tucking the hood away. For total integration, the front visor panel can be replaced with material to match your cabinets. <u>NEW - WITH ENERGY EFFICIENT LED LIGHTS AND A CONVENIENT POWER PLUG</u>



AVAILABLE MODELS

Model #	Size / Color	Motor Class (CFM)	Sound Levels (sones)
CRIS30SS600	30 SS	600	3.5 - 6.5
CRIS36SS600	36 SS	600	3.5 - 6.5
CRIS30SS400	30 SS	400	3.0 - 6.0
CRIS36SS400	36 SS	400	3.0 - 6.0
CRIS30SS300	30 SS	300	2.0 - 5.0
CRIS36SS300	36 SS	300	2.0 - 5.0

KEY FEATURES



Auto on/off with pull out visor

Lights and fan turn on automatically when you slide the hood visor out.



VariDuct System

Top and Rear Direct Venting

Easy kitchen integration with
top and direct rear venting and
recirculation options.



EasySnap Mounting Clips Installation with easy built-in adjustable clips that tighten onto the sides of the cabinet floor.



Fully Customizable Front Trim
Front visor trim can easily be
integrated into your kitchen decor
with accessory kit panels or fully
customize for your own kitchen.

CRISTAL SS

SLIDE OUT RANGE HOOD



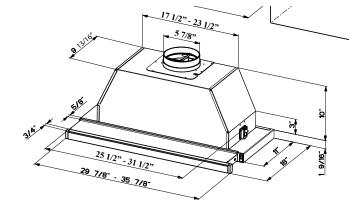
SPECIFICATIONS

DIMENSIONS

cabinet cut out	25 1/2" or 31 1/2" (W) x 10" (D)	
convertible to ductless / recirculating	yes - with FILTER1 & FILTER1LL	
controls	3 speed slider	
mounting height from cooking surface	24" - 30"	
lighting	2 x 3 (w) LED (NEW)	
ducting top / direct rear vent (Vari-Duct)	6" round	
grease filters	4 dishwasher safe mesh filters	
auto on/off	yes - fan/lights turn on when pulled out	
make up air compliant *	yes - 400 OR 300 cfm version option	
integrate front panel	yes - use your own custom front	

25 1/2" - 31 1/2"

Cabinet Cut Out 30" and 36"



PERFORMANCE

MODEL	SPEED 1	2	3
SS600	335	450	560
SS400	250	350	390
SS300	100	200	290

ACCESSORIES

FILTER1 -**Charcoal Filter Kit**

High quality charcoal filter for use when recirculating the air back into the kitchen. Filters out odor and should be replaced every 6 months or earlier depending on use

FILTER1LL -

Long Lasting Charcoal Filter Kit

New washable charcoal filter can be recharged and washed up to 8 times. For use when recirculating the air back into the kitchen. Filters out odor and can last up to 4 years

MUDAMPER6 / MUDAMP-**ER8** -

Universal Make-Up Air Damper

Satisfies make-up air requirements. this kit uses an air switch to activate the make-up air damper to open and bring fresh air into the home when the hood fan is on. It then closes tightly when the hood is off. The CFM level is not reduced with this accessory.

CRTRIM30WH - (30" white)

CRTRIM30BK- (30" black)

CRTRIM36WH - (30" white)

CRTRIM36BK - (30" black)

Front Trim Kit

Replace the stainless trim on the slide out hood with a black or white trim.

CRTRIM30BS - (30" black)

Black Stainless Front Trim Kit

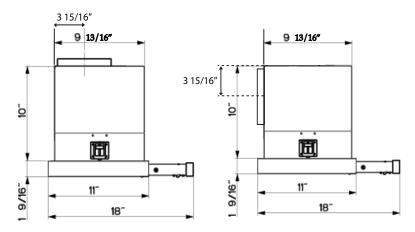
CRTRIM36BS - (36" black)

Black Stainless Front Trim Kit

WIREBOX -**Fixed Wiring Box**

Replace the power cord with a hard wired box to power the range hood

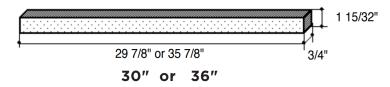
Front View



Side View Top Vent

Side Direct Rear Vent

Custom Front Trim Dimensions



change without notification. Consult the installation instructions before you begin installing this range hood. * Check local make up air codes for guidelines.



















WARNING! Product specifications are subject to

24" Custom Panel Dishwasher

300 Series - Custom Panel SHVM63W53N





SHVM63W53N **Custom Panel**

The 3rd rack provides the perfect space for silverware and large utensils while its V shape leaves room below for taller items.

Features & Benefits

44 dBA: dishwasher runs quietly so your kitchen conversations aren't interrupted.

With PrecisionWash®, intelligent sensors and precision spray arms target every item of every load, so dishes come out sparkling clean every time.

The AquaStop® leak protection system contains leaks through a precisely engineered system. If a leak occurs, the system contains it by shutting down operation and pumping out water. So you have the ultimate peace of mind whether you are away or at home.

General Properties	
Number of wash cycles	5
Number of options	4
dBA	44
Drying system	PureDry
Third rack	Standard 3rd Rack
Rack adjustability	Rackmatic®
Tub material	Stainless Steel
Control type	Buttons
Concealed water heating element	Yes
Leak protection system	24/7 AquaStop®
NSF®-certified* sanitize option	Yes
Water softener	No
Five-level wash	Yes
ChildLock	No
Special features	InfoLight®, Extra Dry Option
Efficiency	
Water usage per cycle	3.5
Energy efficiency class	Tier 1
ENERGY STAR® qualified	Yes
Total annual energy consumption (kWh)	269
Total annual water consumption (g)	623.5
Capacity	
Number of place settings	16



Technical Details		
Watts (W)	1440 W	
Current (A)	12 Amps	
Volts (V)	120 V	
Frequency (Hz)	60 Hz	
Power cord full length	67"	
Power cord install length from edge of unit when facing the door (in)**	Left – 45" Right – 56"	
Minimum water pressure (lb/sin)	14	
Length outlet hose (in)	79"	
Dimensions & Weight		
Overall appliance dimensions (HxWxD)(in)	33 7/8" x 23 9/16" x 23 1/16"	
Required cutout size (HxWxD)(in)	33 7/8" x 23 5/8" x 24"	
Adjustable feet	Yes	
Net weight (lbs)	88 lbs	
Accessories-Optional		
Junction Box	SMZPCJB1UC	
Bosch Dishwasher Water Supply Hose	SMZSH002UC	
Drain Hose Extension Kit	SGZ1010UC	
Stainless Steel Straight Bosch Bar Handle	SMZ1007UC	
Dishwasher Accessory Kit	SMZ5000	
Anti-Tarnish Silverware Cassette	SMZ5002UC	
Edge Protector + Power	SMZEPCC1UC	









Cord Clip Install Kit

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.

^{*}Certification to NSF/ANSI Standard 184 for residential dishwashers

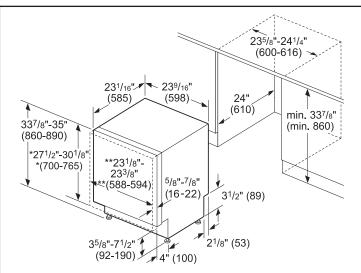
^{**}September 2020 running production change to remove adhesive routing clips for power cord. These clips and the edge protector are now included in the dishwasher accessory kit # SMZEPCC1UC.

24" Custom Panel Dishwasher

300 Series - Custom Panel SHVM63W53N



Installation Details

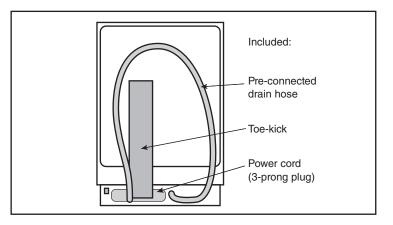


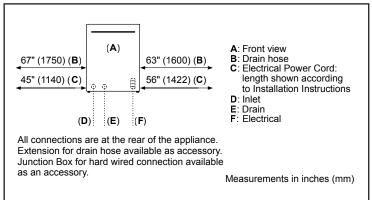
* measured from the bottom edge of the countertop panel thickness recommended 3/4" (20 mm).

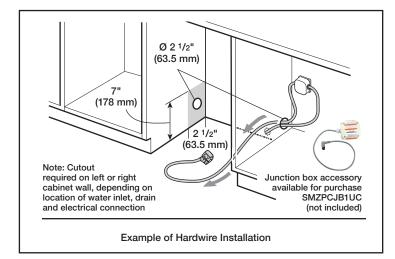
This dishwasher can accept custom door panel weights ranging from 7 to 24 lbs; however, the dishwasher comes from the factory ready for custom panel door weights from 11 to 18 lbs. If you plan on using a door panel that is not 11 to 18 lbs. please contact customer service at (800) 944-2904.

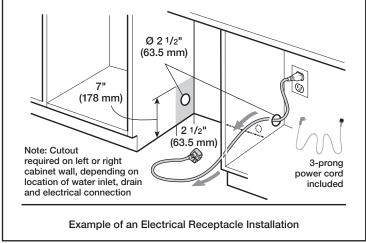
** 24" (610 mm) wide panel may be used depending on cabinet design

Note: Refer to installation template for mounting hardware locations measurements in inches (mm)









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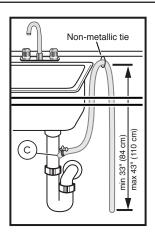
Warranties: Please see Use & Care manual or Bosch website for statement of limited warranty.

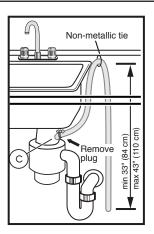
24" Custom Panel Dishwasher

300 Series - Custom Panel SHVM63W53N



Installation Details





Note: Plumbing installations will vary - refer to local codes. Drain hose included is 79" (201 cm) and can be extended to a maximum of 155 3/4" (396 cm).

Always use the approved drain hose extension kit (SGZ1010UC).

Ensure a portion of the drain hose is raised between min. 33" (84 cm) and max. 43" (110 cm) above the cabinet floor.

LG LAUNDRY

WM3488H_

2.3 cu.ft. Compact All-In-One Washer/Dryer

2.3 cu.ft. Capacity Compact All-In-One Washer/Dryer Combo 14 Wash Programs 1,400 RPM **Ventless Condensing Drying** Internal Heater NFC Tag On

Available in White and Silver



CAPACITY	
Capacity	2.3 cu. ft.
APPEARANCE	
Design Look	Front Control
Touch LED Display	•
Dial-A-Cycle™	•
WASH/DRY PROGRAMS	
No. of Programs	14
	otton/Normal, Bulky/Large, Baby Wear, Perm. Press, Delicates, Hand Wash/Wool, I, Sanitary, Heavy Duty, Drain+Spin, Wash+Dry, Sports Wear, Downloaded Course
No. of Options	10
Options	Prewash, Rinse+Spin, Delay Wash(Time Delay), Water Plus, Extra Rinse, Child Lock, Signal (Beeper) On/Off, Steam, Custom PGM, PGM Save
No. of Wash/Rinse Temps	5 Extra Hot, Hot, Warm, Cold, Tap Cold (All Cold Rinses)
Spin Speeds	Extra High (1,400 max.), High, Medium, Low, No Spin
No. of Water Levels	Automatically adjusts to the size of load
No. of Soil Levels	3
Internal Heater	•
Ventless Condensing Dryer	•
Drying Levels	More Dry, Normal Dry, Damp Dry, Low Temp Dry
Manual Dry Times	120, 60., 30 minutes
CONVENIENCE FEATURES	
TrueBalance™ Anti-Vibration	System" •
4 Tray Dispenser	•
LoDecibel™ Quiet Operation	
End of Cycle Beeper	•
LoadSense	•
Forced Drain System	•
SMART THINQ™ TECHNOLO	OGY
SmartDiagnosis™	•
NFC Tag On Technology	•

MOTOR AND AGITATOR	
Motor Type	Inverter Direct Drive Motor
Motor Speed	Variable
Max RPM	1,400
Axis	Horizontal
MATERIALS AND FINISHES	
NeveRust™ Stainless Steel Drum	•
Cabinet	PCM
Control Panel	Plastic
Top Plate	TBD
Door Rim	Glass/Chrome
Door Cover	Black Tinted Cover
Door Opening	13.8"
Available Colors	White (W), Silver (S)
POWER SOURCE	
Ratings	TBD
Electrical Requirements	120V, 10 Amps
Туре	Electric
ACCESSORIES	
Hose Included	
DIMENSIONS	
Product (WxHxD)	24" x 33 1/2" x 25 1/4"
	(45" D with door open)
Carton (WxHxD)	26" x 35 3/4" x 27 3/4"
Weight (Product/Carton)	156.5 lbs / 165.3 lbs
LIMITED WARRANTY	
	1 Year Parts and Labor, 10 Years Motor, Lifetime on Drum
UPC CODES	
WM3488HW Washer/Dryer (White)	048231 016988
WM3488HS Washer/Dryer (Silver)	048231 016995