



LG

Commercial Laundry



Inverter
DirectDrive

Commercial Laundry Systems

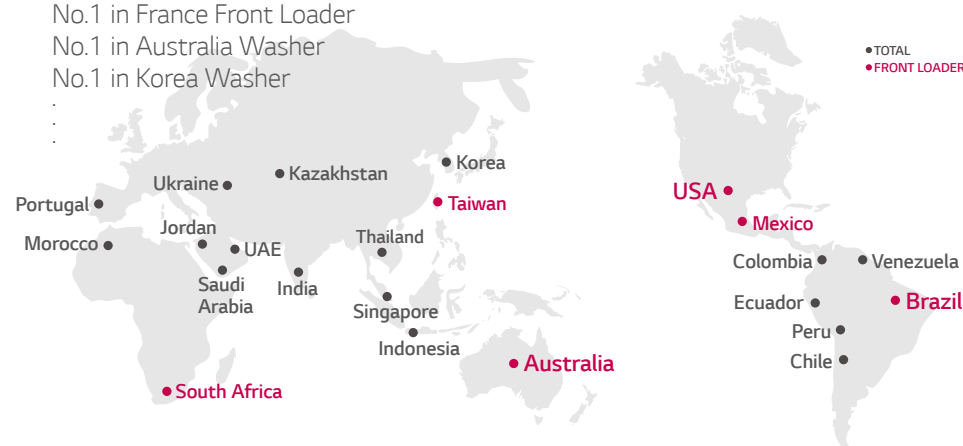


World-renowned LG Washers are entering a new chapter in commercial laundry.



MS No.1

LG has the No.1 market share of residential laundry in over 30 countries.
No.1 in USA Front Loader
No.1 in France Front Loader
No.1 in Australia Washer
No.1 in Korea Washer
...



Reference Site

By choosing the LG Commercial Laundry System, you are getting a total laundry solution for your business. Business managers around the world have chosen the LG Commercial Laundry System to enhance their business or properties.

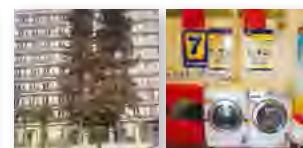
[Multi Housing]



[Coin Laundry]



[On-Premise]



Titan PRO



Giant PLUS



* Some colors may not be available in specific countries.

04 Inverter Direct Drive System

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Inverter Direct Drive System

The Inverter Direct Drive technology in the LG Commercial Laundry System is designed to provide the most durable, long-lasting, and quiet commercial washers on the market.



Efficient Operation

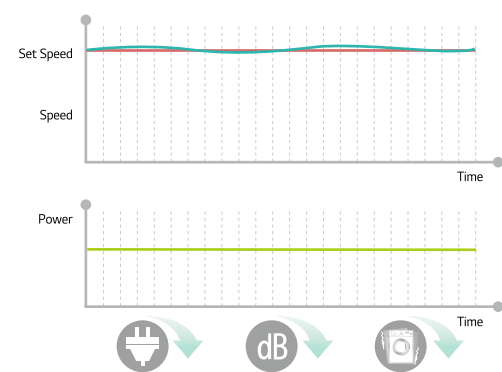
The Inverter Control and Direct Drive System work together to maximize energy savings. The Inverter Control System generates fewer speed fluctuations while using only the necessary amount of electricity throughout a washing cycle, maintaining optimum performance. Meanwhile our Direct Drive System delivers power directly to the tub from the motor minimizing energy loss.



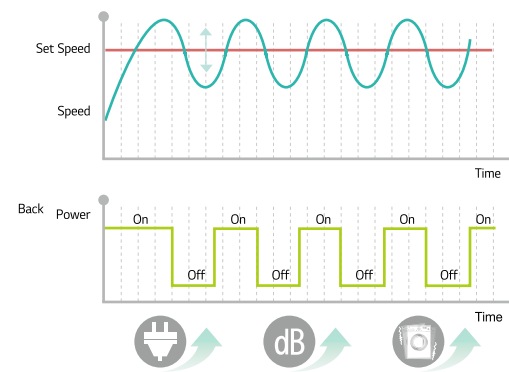
Reliable System

By eliminating the belt and pulley found in conventional washer motors, LG's Direct Drive System increases the motor's stability and lessens vibrations. This gives Direct Drive increased durability, which translates to lower maintenance costs.

LG Direct Drive Motor (Inverter Control)

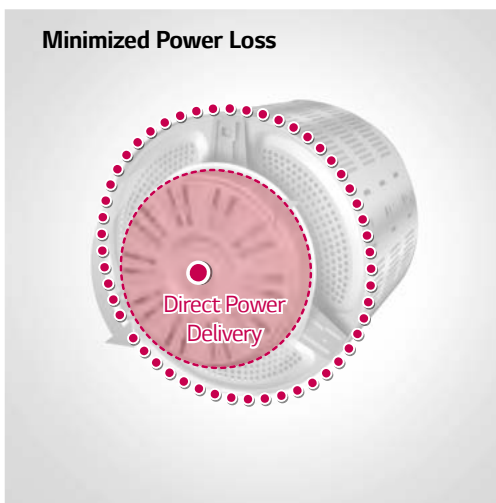


LG Non-inverter Motor (On/Off Operation)

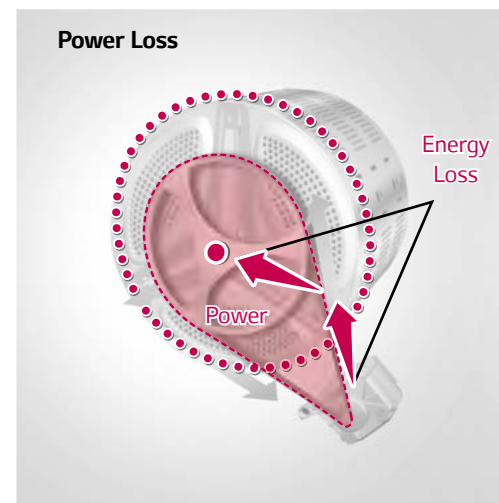


VS

LG Direct Drive Motor



LG Belt Type BLDC Motor



VS

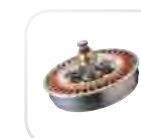
LG Inverter Direct Drive Motor



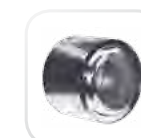
LG Belt Type BLDC Motor



VS



DD Motor



Drum

- Increased stability
- Increased durability
- Fewer moving parts



Universal Motor



Pulley



Belt



Drum

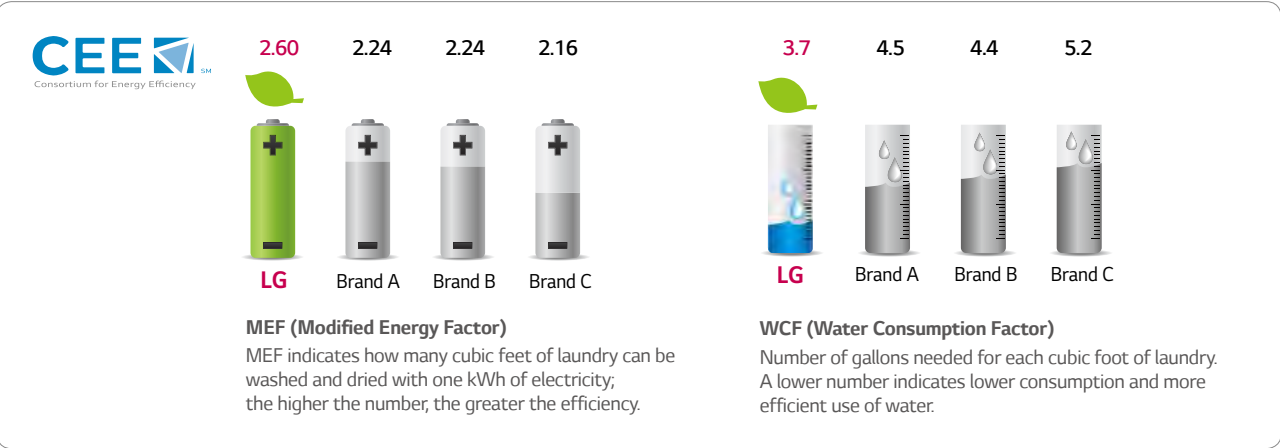
- Wear and tear of a belt

Efficient

LG Commercial Laundry System is designed to use less energy and water without compromising superior washing performance. It helps your business run more efficiently.

CEE Top Tier Qualified (Giant PLUS, Titan PRO)

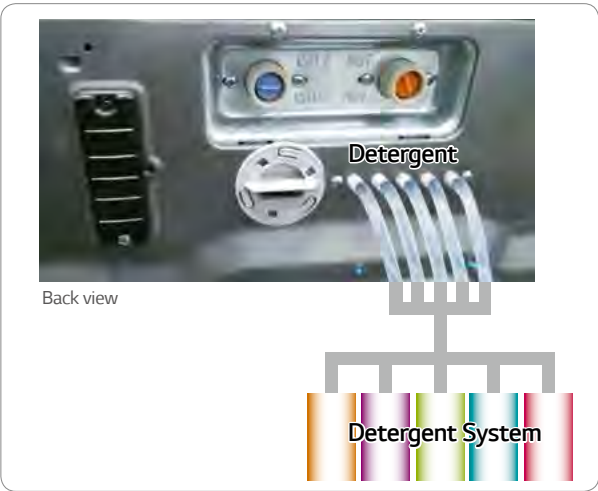
LG Commercial Laundry System is CEE top tier rated. Manufacturers submit energy and water usage data to CEE to determine the tier of the machine. Based on the testing results from U.S Department of Energy, the LG Commercial Laundry System proves to be energy-efficient and provides an excellent solution for your business.



[This data is based on Giant model]

Automatic Liquid Supply Injection Interface (Titan PRO)

LG Commercial Washers are equipped with detergent injection supply. This system controls 5 individual trigger signals for liquid supply injection. This makes it very simple for your detergent supplier to connect their liquid supply system to the machine.



Super Fast Spin

Super fast spin speeds (1,000 ~ 1,150 RPM) reduce remaining moisture after washing time. It cuts down drying time efficiently.



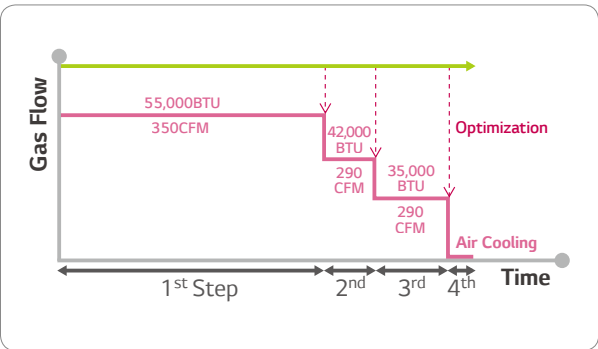
10° Tilted Drum (Giant PLUS, Titan PRO)

The tilted drum helps LG Commercial Washers to use less water while maintaining washing and rinsing performance. LG's Commercial Washer tub is tilted at 10°. It enables the washer to have a higher level of water in the tub than the competition.



Gas/Air Flow Optimization (Titan PRO)

LG Conventional dryers control the air and gas flow by turning the unit ON and OFF. Instead, LG Commercial Dryers allocate the appropriate amount of gas and air into several sections to control the flow. This allows the machine to be energy efficient.



Energy Star Qualification (Giant PLUS, Titan PRO)

LG Commercial Washers are ENERGY STAR qualified, meeting industry standards of energy efficiency. Choosing ENERGY STAR qualified commercial washers for your laundry will help save cost and the environment.

Utility Cost Saving



Embossed Inner Drum

The surface of the embossed inner drum increases the amount of contact with fabric. This creates better washing action and helps remove more dirt and stains.



Smart Tub Cleaning System

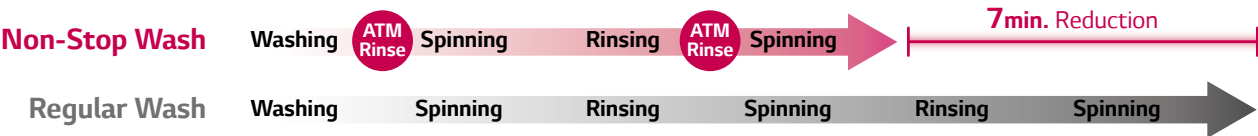
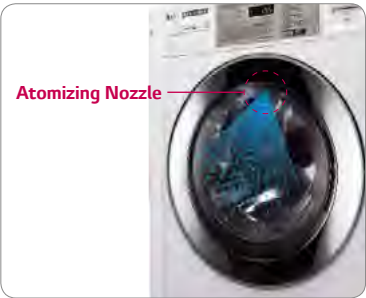
A dirty tub from hours of long operation can worsen washing performance. The tub cleaning program in LG Commercial Washers helps you keep a clean tub even in the busiest locations.



* Regular tub cleaning is recommended for performance.

Atomizing System (Giant PLUS, Titan PRO)

The Atomizing nozzle sprays fresh water onto the clothes and the door. This helps the machine to quickly fill and soak the clothes and provide better washing performance. It also cleans the door glass every time the water sprays on it, reducing your burden of cleaning the washer and lessen any excess soap residue. In addition, when you select Non-Stop wash, the entire cycle time will be decreased by activating atomizing rinsing.



Reliable

When you buy a washer, you want something reliable that can last. Each LG Commercial Laundry System is designed to be a long-lasting, powerful and durable machine.

NeveRust™ Stainless Wash Tub

The stainless steel drum helps prevent clothes from staining during the wash cycle unlike normal painted drums, where the paint tends to chip after extended use.



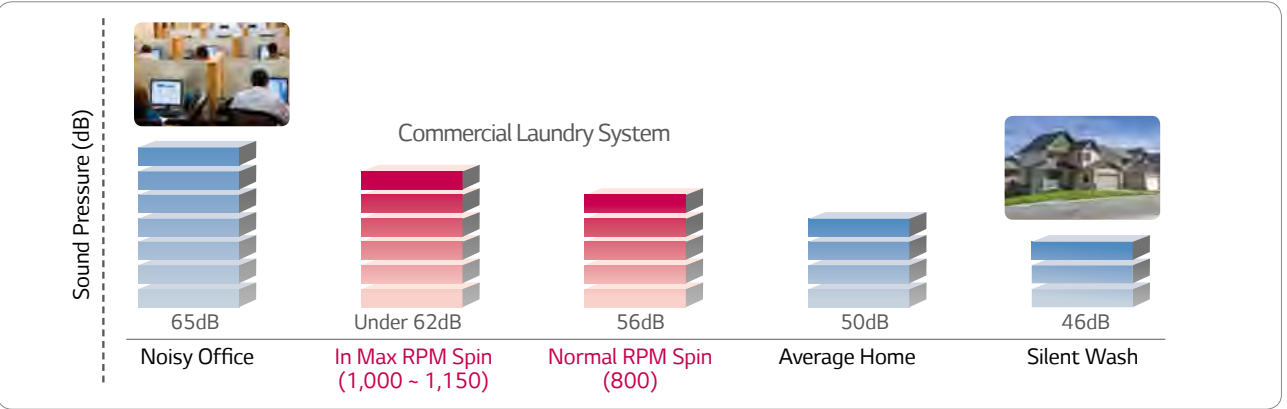
Steel Control Panel (Giant PLUS, Titan PRO)

The front access panel is constructed of strong coated steel – not plastic, to enhance reliability and provide an important security barrier for the coin box and vault as well as the machine control assembly.



Low Noise

The Direct Drive System combined with high quality insulating results in a lower noise machine.



Top-mounted Dispenser (Giant PLUS, Titan PRO Single)

It is a remarkable innovation. No worry of detergent to spill over the machine and make your hands dirty. You can keep the machine clean and reliable.



Triple Damper Vibration Reduction

Thanks to the triple damping system, the machine's vibration is reduced. Three dampers absorb vibration and provides comfortable washing environment.



Intelligent

Controlling an LG Commercial Laundry product is easy and convenient because of its intelligent system and features. LG Commercial Laundry also helps safeguard businesses with an unmatched security system.

Smart Programming

· Easy Programming

Intuitive programming controls allow operators to choose from a variety of functions and programs, including price, cycle time, cycle parameters, spin-speed and more, ensuring that all washing requirements are met.

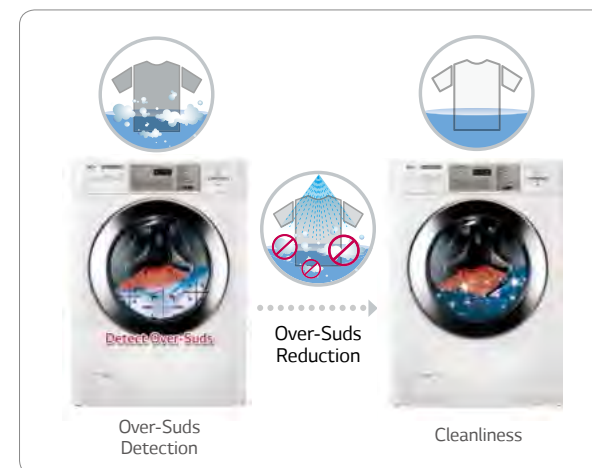
· Customized Program (Titan PRO OPL)

Users can design their own programs and save up to 20 washing programs to meet optimized washing performance.



Optimized Washing System

When an LG Commercial Washer detects over-suds during a washing cycle, it moves into a suds reduction process which delivers a better washing performance.



Easy Repair System

LG Commercial Laundry products are all front service accessible. Valuable service time will never be wasted gaining access to key service elements.



Installation Flexibility (Giant)

Single washer, single dryer, stack dryer, stack washer and dryer - you can determine the best products or combination of products to fit your unique commercial laundry equipment needs.



Dual Lock System (Giant)

LG's double locking system for the front panel and coin vault access provides increased security.



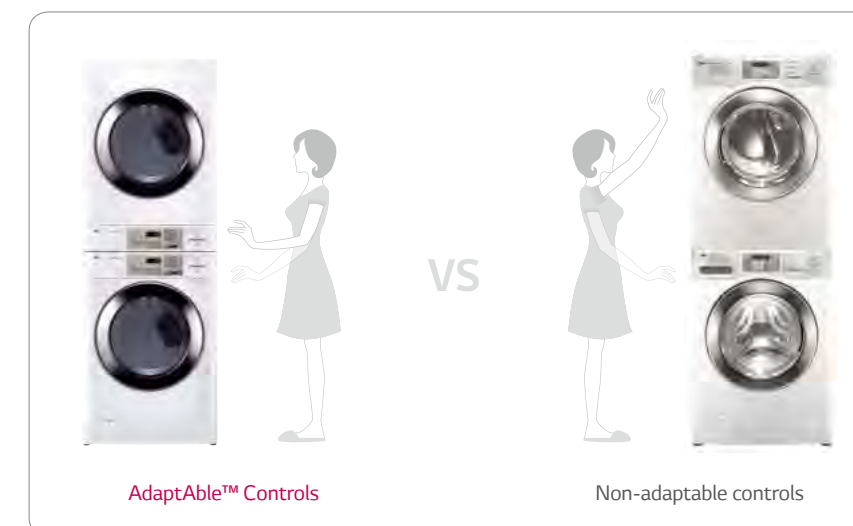
* This feature is limited to coin operated stack washers and dryers.

Reversible Dryer Door

The direction of the door swing can be easily changed to the customer's preference, left or right, with no additional parts required.

AdaptAble™ Controls (Giant, Titan PRO)

Movable AdaptAble™ Controls provide the space saving convenience of stackable laundry without compromising capacity while retaining easy to reach controls. The AdaptAble™ Controls can be placed on the top of the dryer for side-by-side installations or moved to the bottom for a stack configuration. The controls are always at a convenient height and are versatile enough to change to match each customer's needs.



When you choose
the LG Commercial Laundry Systems,
 you get a total laundry solution including
 the most suitable equipment and
full support for your business.



Stylish

The LG Commercial Laundry System will captivate people with its modern and streamlined design. The chrome door and tempered glass will enhance the look of any laundry room.

Streamlined Design

The elegant and high tech design of LG's commercial laundry equipment is consistent with the strength and style of all our products. Choosing an LG Commercial Laundry System will enhance the look of any laundry space.

Tempered Glass

The tempered glass door is less susceptible to breakage and scratching, while the transparent cover allows for easy viewing.



Stylish Exterior Design

The chrome door and grip opens wide for easy loading and unloading for the biggest loads. It also keeps the washer looking like new for longer.

Multilingual Readout

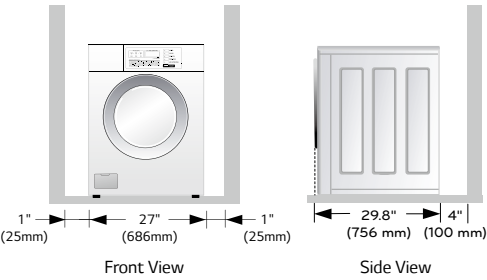
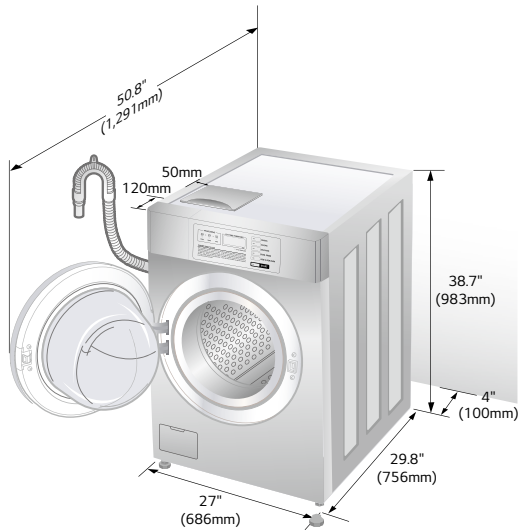
Our mission is to make customers happy to enjoy doing laundry by LG Commercial machines. No more stress to read out and use it with this.



Specification

Giant PLUS Front Load Washer

CYLINDER		
Drum Volume	cu.ft (l)	3.6 (102.7)
Diameter	in.(mm)	22.1 (560)
Depth	in.(mm)	16.5 (419.3)
DIMENSIONS		
Product (WxHxD)	in. (mm)	27 (686) x 38.7 (983) x 29.8 (756)
With Door Opening	in. (mm)	50.8 (1291)
Carton (WxHxD)	in. (mm)	29.7 (755) x 44.4 (1,127) x 31.3 (795)
Weight (Product/Carton)	lb (kg)	191 (87)/205 (93)
SPEED		
Wash	RPM	45
Extract (High Speed)	RPM	1,150
G-force	G	413
ENERGY		
Electric Ratings	V/Hz/A	120/60/5 220/60/5
WATER USAGE		
Water Consumption	l	42.4
NOISE & CYCLE TIME		
Noise Level (Sound Power)	dB	Lower than 62
Program Duration in Minutes (Default)	min	36
SYSTEM & CONTROL		
Inverter Direct Drive Motor		•
Intelligent Electronics Controls		•
Compartment Dispenser		4 Compartment Dispenser
Forced Drain System		•
Pricing Program		Special Vended Price
WASH PROGRAMS		
Program List		HOT WARM COLD DELICATES ADD SUPER WASH
CONVENIENCE FEATURES		
End of Cycle Beeper		•
Door Lock Display		•
Self Diagnosis		•
Auto Balancing		•
Auto Suds Removal		•
Forced Drain System		•
Remaining Time Display		•
Status Indicator		•
4 Adjustable Leveling Legs		•
LoDecibel Quiet Operation		•
Coin Box Open Sensing		•
Atomizing System		•
Multilingual Readout		•
Tub Cleaning		•
EXTERNAL FINISH		
Drum		NeveRust™ Stainless Steel Drum
Top Plate		Porcelain (Single)/Painted Steel (Stack)
Transparent Glass Window Door		•
Colors		Bluish White / Platinum
Cabinet		Painted Steel
Control Panel		Steel
Window Display		Silk Screen
Window		Aluminium
CIRCUIT PROTECTION		
PCB Fuse - Main Control Board	amps	12 (120V)
PCB Fuse - Filter Assembly	amps	15



PRODUCT TYPE

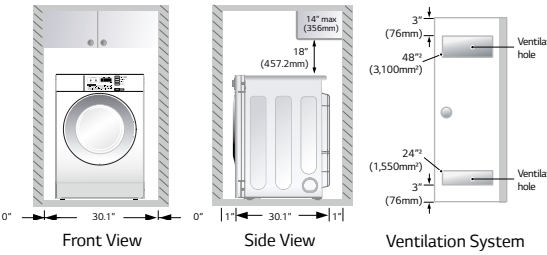
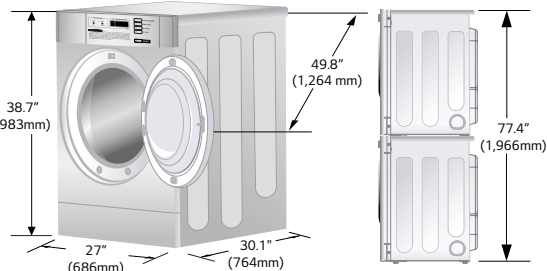
COIN TYPE	Single	GCWP1069QS
CARD TYPE	Single	GCWP1069CS
ON PREMISE TYPE	Single	GCWP1069LS

* Dimensions and weights are approximate.
Design, features and specifications subject to change without notice.
Some models may not be available for sales in certain countries.

Giant Dryer

			Gas Type	Electric Type
CYLINDER				
Drum Volume	cu.ft (ℓ)		7.1 (201)	7.1 (201)
Diameter	in.(mm)		26.1 (663)	26.1 (663)
Depth	in.(mm)		22.5 (570.6)	22.5 (570.6)
DIMENSIONS				
Product (WxHxD)	in. (mm)		27 (686) x 38.7 (983) x 30.1 (764)	27 (686) x 38.7 (983) x 30.1 (764)
With Door Opening	in. (mm)		49.8 (1 264)	49.8 (1 264)
Carton (WxHxD)	in. (mm)		29.9 (760) x 46.1 (1170) x 31.3 (795)	29.9 (760) x 46.1 (1170) x 31.3 (795)
Weight (Product/Carton)	lb(kg)		130 (59)/143 (65)	130 (59)/143 (65)
OPERATION				
Electric Ratings	V/Hz/amps		120/60/5 220/60/3 -	120 (240)/60/26 220/60/21 240/50/19.5
Heating Type			Gas	Electric
Type of Drying			Ventilation	Ventilation
Air Flow	CFM		160	160
Motor	KW		0.4 (120V/60Hz)	0.4 (120V/60Hz)
Gas Ratings	KW/BTU		5.8 (EU) ¹⁾ /20,000	-
Heating Element	W		-	5400 ²⁾
Program Duration in Minutes (Default)	min		45	45
CONNECTIONS				
Air Outlet Diameter	in.(mm)		4 (100)	4 (100)
Exhaust Airflow Diameter	in.(mm)		4 (100)	4 (100)
SYSTEM & CONTROL				
Pricing Program			Special Vended Price	Special Vended Price
Intelligent Electronic Controls			•	•
DRY PROGRAMS				
Program List			High Temp Med Temp Low Temp No Heat	High Temp Med Temp Low Temp No Heat
CONVENIENCE FEATURES				
End of Cycle Beeper			•	•
Heater Type			-	Multi-level control
Gas Valve Type			On/Off	-
Reversible Door			•	•
Remaining Time Display			•	•
Self Diagnosis			•	•
Status Indicator			•	•
4 Adjustable Leveling Legs			•	•
Coin Box Open Sensing			•	•
Multilingual Readout			•	•
EXTERNAL FINISH				
Top Plate			Porcelain (Single)/Painted Steel (Stack) ³⁾	Porcelain (Single)/Painted Steel (Stack) ³⁾
Transparent Glass Window Door			•	•
Colors			Bluish White / Platinum	Bluish White / Platinum
Cabinet			Painted Steel	Painted Steel
Control Panel			Steel	Steel
Window Display			Silk Screen	Silk Screen
Window			Aluminium	Aluminium

1) Gas rating is different by countries.
2) 4,500W for some countries due to power limitation (e.g. Australia)
3) Top plate of single dryer in bluish white is "Porcelain".



Weather Hood Type	Number of 90° Elbows	Maximum length of 4" (10.2cm) diameter rigid metal duct	Maximum length of 4" (10.2cm) diameter flexible metal duct
Recommended	0	65 feet (19.8m)	45 feet (13.7m)
	1	55 feet (16.8m)	35 feet (10.7m)
	2	47 feet (14.3m)	30 feet (9.1m)
	3	36 feet (11.0m)	25 feet (7.6m)
Use Only for Short Run Installations	4	28 feet (8.5m)	20 feet (6.1m)
	0	55 feet (16.8m)	35 feet (10.7m)
	1	47 feet (14.3m)	27 feet (8.2m)
	2	41 feet (12.5m)	21 feet (6.4m)
2-1/2" (6.35 cm)	3	30 feet (9.1m)	17 feet (5.2m)
	4	22 feet (6.7m)	15 feet (4.5m)

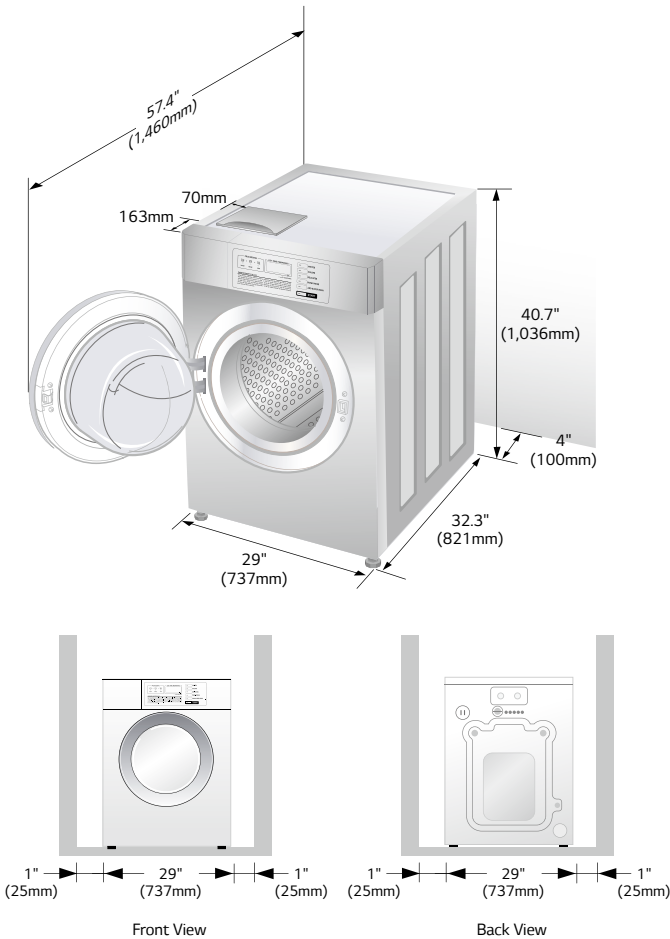
PRODUCT TYPE

		Gas Type	Electric Type
COIN TYPE	Single	GD1329QGS	GD1329QES
	Stack	GD1329QGU GD1329QGD GD1329QGW	GD1329QED GD1329QEW GD1329QEU
	Single	GD1329CGS	GD1329CES
CARD TYPE	Stack	GD13929CGD GD1329CGU GD1329CGW	GD13929CED GD1329CEU GD1329CEW
	Single	GD1329LGS	GD1329LES
	Stack	GD1329LGD GD1329LGU GD1329LGW	GD1329LED GD1329LEU GD1329LEW

* Dimensions and weights are approximate.
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Titan PRO Front Load Washer

CYLINDER		
Drum Volume	cu.ft (l)	5.2 (147)
DIMENSIONS		
Product (WxHxD)	in.(mm)	29 (737) x 40.7 (1,036) x 32.3 (821)
With Door Opening	in.(mm)	57.4 (1,460)
Weight (Product/Carton)	lb (kg)	225 (102)/267 (121)
SPEED		
Wash	RPM	46
Extract (High Speed)	RPM	1,000
SYSTEM & CONTROL		
Inverter Direct Drive Motor		•
Intelligent Electronics Controls		•
Compartment Dispenser		4 Compartment Dispenser
Gravity Drain System		•
Pricing Program		Special Vended Price
WASH PROGRAMS		
		HOT
		WARM
		COLD
		DELICATES
		CUSTOM PGM
Program List		
CONVENIENCE FEATURES		
Custom Program		•
Door Lock Display		•
Self Diagnosis		•
Auto Balancing		•
Auto Suds Removal		•
Remaining Time Display		•
Status Indicator		•
4 Adjustable Leveling Legs		•
LoDecibel Quiet Operation		•
Coin Box Open Sensing		•
Auto Dosing Ready		•
Atomizing System		•
Multilingual Readout		•
Tub Cleaning		•
Emergency Button		OPL
EXTERNAL FINISH		
Drum		NeveRust™ Stainless Steel Drum
Top Plate		Porcelain (Single)
Transparent Glass Window Door		•
Colors		Platinum
Cabinet		Painted Steel
Control Panel		Painted Steel
Window Display		Silk Screen
Window		Aluminium
CIRCUIT PROTECTION		
PCB Fuse - Main Control Board	amps	12
PCB Fuse - Filter Assembly	amps	15



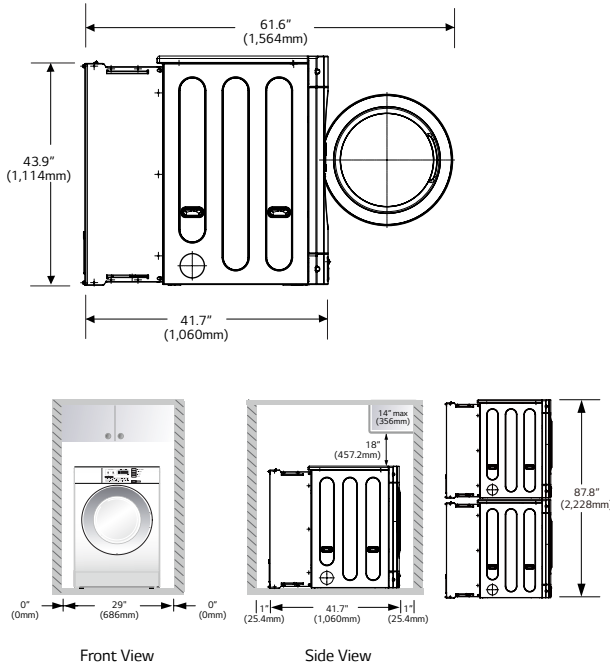
PRODUCT TYPE			
COIN TYPE	Single	TCW2013QS	
CARD TYPE	Single	TCW2013CS	
ON PREMISE TYPE	Single	TCW2013LS	

* Dimensions and weights are approximate.
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Titan PRO Dryer

CYLINDER			Gas Type
Drum Volume	cu.ft (l)	9.0 (254)	
Diameter	in.(mm)	28.2 (716)	
Depth	in.(mm)	24.2 (614)	
DIMENSIONS			
Product (WxHxD)	in. (mm)	29 (686) x 43.9 (1,114) x 41.7 (1,060)	
With Door Opening	in. (mm)	61.6 (1,564)	
Carton (WxHxD)	in. (mm)	31.4 (797) x 48.1 (1,222) x 44.3 (1,126)	
Weight (Product/Carton)	lb (kg)	220.4 (100)/240 (108.8)	
OPERATION			
Electric Requirements	V/Hz/amps	120/60/8	
Heating Type		Gas	
Type of Drying		Ventilation	
Air Flow	CFM	350	
Motor	KW	0.5 (120V/60Hz)	
Gas Ratings	KW/BTU	16.1 (EU) ¹⁾ /55,000	
CONNECTIONS			
Air Outlet Diameter	in.(mm)	6 (154)	
Exhaust Airflow Diameter	in.(mm)	6 (154)	
SYSTEM & CONTROL			
Pricing Program		Special Vended Price	
Intelligent Electronic Controls		•	
DRY PROGRAMS			
		High Temp	
		Med Temp	
		Low Temp	
		No Heat	
Program List			
CONVENIENCE FEATURES			
End of Cycle Beeper		•	
Gas Valve Type		On/Off & Linear	
Reversible Door		•	
Remaining Time Display		•	
Self Diagnosis		•	
Status Indicator		•	
4 Adjustable Leveling Legs		•	
Coin Box Open Sensing		•	
Multilingual Readout		•	
EXTERNAL FINISH			
Top Plate		Porcelain (Single) / Painted Steel (Stack)	
Transparent Glass Window Door		•	
Colors		Platinum	
Cabinet		Painted Steel	
Control Panel		Steel	
Window Display		Silk Screen	
Window		Aluminium	

1) Gas rating is different by countries.



PRODUCT TYPE			Gas Type
COIN TYPE	Single	TCD1870QGS	
	Stack	TCD1870QGG	
CARD/OPL TYPE	Single	TCD1870CGS	
	Stack	TCD1870CGG	

* Dimensions and weights are approximate.
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