LG Professional Laundry

Innovation Built to Lead.

LG Professional Laundry offers cutting-edge technology and unmatched reliability, empowering businesses to achieve exceptional cleanliness and efficiency.With advanced automation, AI Technology, energy-saving features, and seamless connectivity, our laundry solutions are designed to elevate your operations and meet the demands of the modern professional environment.Experience innovation built to lead, driving superior performance and sustainability.



www.lg.com/global/business/commercial-laundry



Innovation Built for the Future.
Innovation Built to Lead.
LG Professional Laundry.

What Makes **a Leader?**

Vision & Mission

01
–
Bold Innovation?

Innovation

Industry's Largest[1)] Capacity Heat Pump.

Smarter Cycles, Faster Results.

Differentiated AI-Powered Laundry Solutions.

02
–
Unrivaled Efficiency?

Efficiency

All In One;Wash & Dry

Lower Operational Costs with Superior Performance.

Saves Energy, Reduces Carbon.

03
–
Is it a Commitment to Reliability?

Reliability

Proven Reliability, Even in Heavy Commercial Use.

Proactive Customer Care Simplifies Operations.

Decades of Engineering Excellence and a Global Reputation.

1) It is based on models released up to year 2024. Please note that the availability and specifications of products may vary depending on the release of new models by other manufacturers.

" LG Professional Laundry delivers next-level performance with precision-engineered solutions tailored for the toughest demands in commercial laundry. Trust in technology that's not just ahead of the curve, but designed to lead your business forward with lasting results. "



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- Dryer
- Washer

Innovation Built to Lead

LG Professional Laundry offers cutting-edge technology and unmatched reliability, empowering businesses to achieve exceptional cleanliness and efficiency.
With advanced automation, AI Technology, energy-saving features, and seamless connectivity, our laundry solutions are designed to elevate your operations and meet the demands of the modern professional environment. Experience innovation built to lead, driving superior performance and sustainability.

Washer-Dryer Combo



Bold innovation for Speed and Convenience.

Innovation saves time and money. LG Professional Laundry Combo completes a full wash and dry in a quick 60 Minutes. Ball Balancing and Twin Spray tech speed up cycles, while Dual Action Heat Exchange dries fast and lowers utility bills. The ductless design makes setup a breeze, all the professional grade parts of lasting performance.

Dryer



Engineered for Speed, Ease, and Savings.

Get rapid and efficient performance. Dual inverter and heat pump technology cut drying times and energy costs. Sensing Dry monitors moisture to protect fabrics and eliminate wasteful overdry. The ductless design simplifies install in more places while cleaning assist allows easier, less frequent maintenance.

Washer



Brilliant Solution for Rapid, Efficient Wash.

The pinnacle of cost-cutting laundry. Ball Balance system and Twin Spray technology ensure faster, quieter efficiency that achieves moisture content of 50% or less[1)] to save drying time. Load detection reduces use of water, detergent, and energy, while all the professional grade parts & long lasting performance minimizes downtime. The 7-inch touch LCD makes professional control easy.

1) The spin speed and spin force may vary depending on the operating environment and load conditions.

Feature

Product	Washer-Dryer Combo	Dryer	Washer
Technology			
AI Technology	●	●	●
All In One Wash & Dry	●		
Maximum Capacity Heat Pump	●	●	
Dual Action Heat Exchange System	●	●	
Ball Balancing System	●		●
Twin Spray	●		●
Sensing Dry	●	●	
ESG			
Auto Weight Detection	●	●	●
Heat Pump Technology	●	●	
Wet Cleaning	●	●	●
Maintenance			
Tub Cleaning & Tub Sanitary	●	●	●
Proactive Customer Care	●	●	●
Ductless Dry (No Duct)	●	●	
Cleaning Assistance	●	●	
Forklift Structure	●		●
Front Service Ready	●	●	●

View Feature Summary

Technology

| Washer-Dryer Combo · Washer · Dryer |

AI Technology



| Washer-Dryer Combo |

All In One Wash & Dry



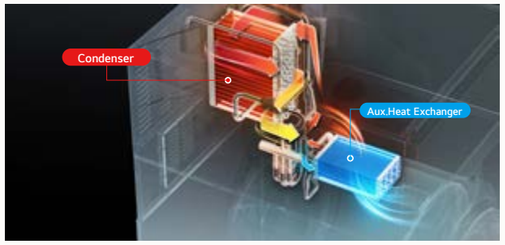
| Washer-Dryer Combo · Dryer |

Maximum Capacity Heat Pump



| Washer-Dryer Combo · Dryer |

Dual Action Heat Exchange System



| Washer-Dryer Combo · Washer |

Ball Balancing System



| Washer-Dryer Combo · Washer |

Twin Spray



| Washer-Dryer Combo · Dryer |

Sensing Dry



ESG

| Washer-Dryer Combo · Washer · Dryer |

Auto Weight Detection



| Washer-Dryer Combo · Washer · Dryer |

Wet Cleaning



| Washer-Dryer Combo · Dryer |

Heat Pump Technology



Maintenance

| Washer-Dryer Combo · Washer · Dryer |

Tub Cleaning & Tub Sanitary



| Washer-Dryer Combo · Washer · Dryer |

Proactive Customer Care



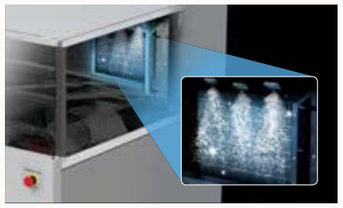
| Washer-Dryer Combo · Dryer |

Ductless Dry (No Duct)



| Washer-Dryer Combo · Dryer |

Cleaning Assistance



| Washer-Dryer Combo · Washer |

Forklift Structure



| Washer-Dryer Combo · Washer · Dryer |

Front Service Ready



TECHNOLOGY

"LG professional laundry's innovative technology delivers precise performance, using AI-driven optimization systems to detect laundry condition and maximize efficiency."



Washer-Dryer Combo / Washer / Dryer

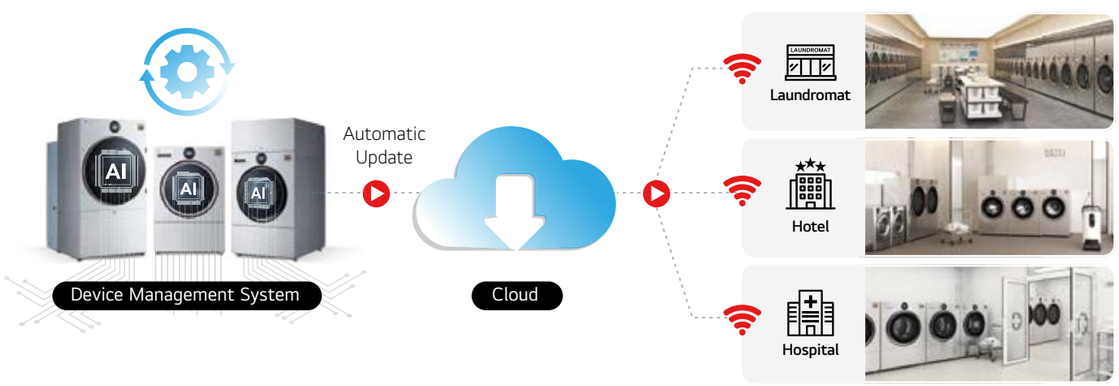
AI Technology

Our machines leverage advanced AI systems to detect optimal load conditions, adjusting the washing and drying processes accordingly. This ensures exceptional washing performance and efficient drying. Experience the next evolution in commercial laundry with our innovative, intelligent washing and drying solutions. Stay ahead with our AI-powered commercial laundry solutions!



FOTA Techology

Our machines feature FOTA (Firmware Over-The-Air) technology, which allows for convenient and automatic software updates to ensure that your machines are always up to date with the latest features and improvements.



Washer-Dryer Combo

All In One Wash & Dry

Load once and skip the hassle of transfers. Our combo wash and dry system eliminates time-consuming transfers, streamlining your workflow. This all-in-one laundry solution enhances operational efficiency, allowing you to complete laundry tasks quickly and efficiently all within just one hour.



Washer-Dryer Combo / Dryer

Maximum Capacity Heat Pump

Our industry-leading heat pump capacity allows for higher throughput while reducing costs. Handle larger loads and save valuable time. In environments with heavy laundry demands, our heat pump dryers deliver peak performance with unmatched capacities. Speed up drying and save energy by processing larger loads in each cycle. Maximize productivity and space efficiency with a wider range of dryer capacities.

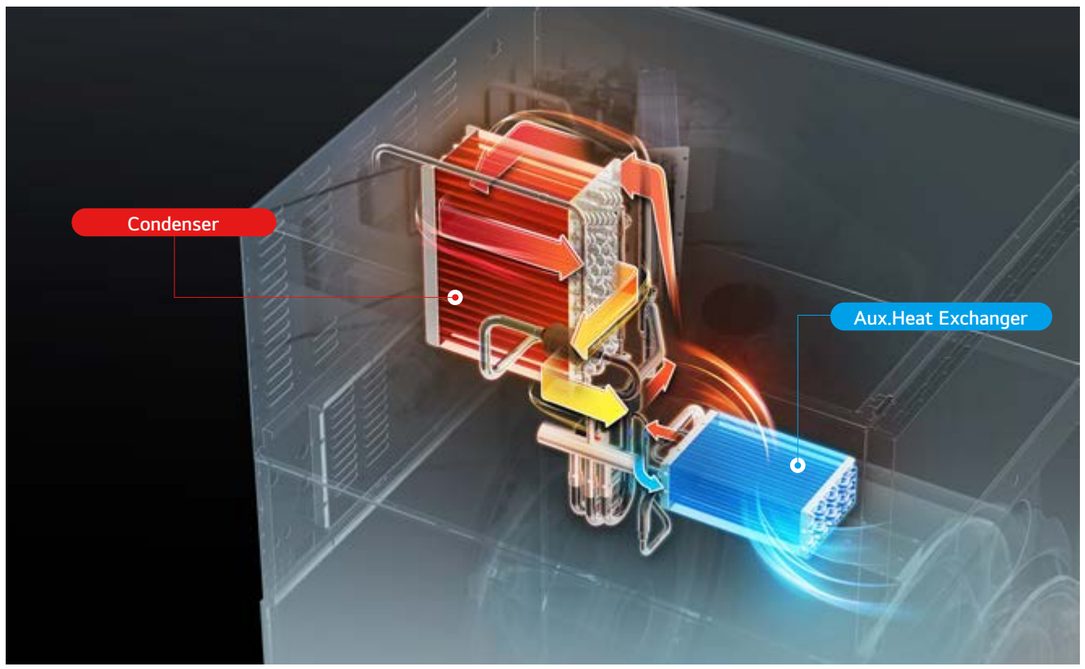


* Based on 80% of the rating capacity, Drying time of 60 Minutes results may vary depending on the drying course/ mode and usage conditions.

Washer-Dryer Combo / Dryer

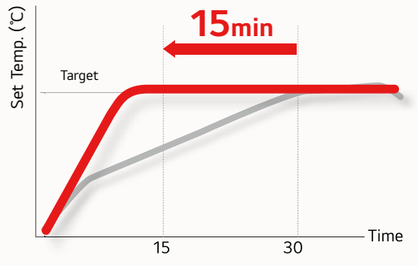
Dual Action Heat Exchange System

Faster drying times. Lower utility bills. No trade-off.

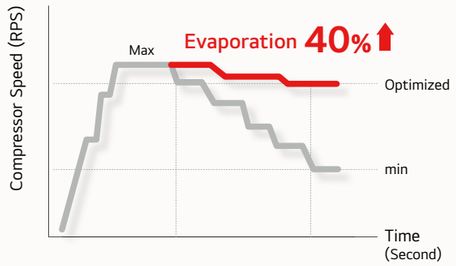


Optimize Energy Use, Cut Costs, and Dry Faster with Dual Action Heat Exchange Innovation.

By efficiently transferring heat from the hot air to the clothes, our Dual Action Heat Exchange system ensures fast and thorough drying while minimizing energy consumption. Experience revolutionary drying time reduction and enhanced dehumidification performance!



Heating Time Reduction of Initial Stage Drying



Compressor Operation Efficiency Improvement

The auxiliary heat exchanger significantly reduce the initial heating time and improve the compressor operating efficiency, resulting in a remarkable reduction in drying time.

*The performance of the auxiliary heat exchanger may vary depending on the ambient temperature. Test results are based on the standard course using the international standard load (IEC). Results may vary depending on the drying course/mode and usage conditions.

Washer-Dryer Combo / Washer

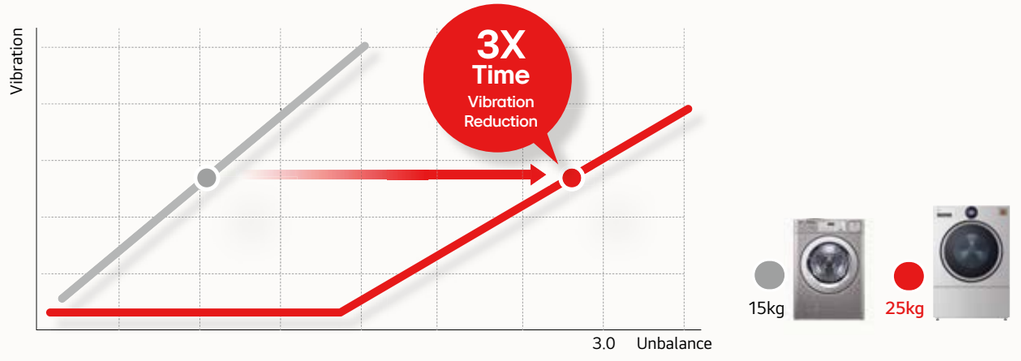
Ball Balancing System

LG Professional Laundry's Ball Balancing System stabilizes the drum for smooth, high-speed spins. With a G-force of up to 520G at 1,100RPM, it powerfully extracts water, significantly shortening cycle times. Reduced vibration minimizes wear and tear, ensuring long-lasting peak performance and more productive operations for a more efficient work environment.



Maximum RPM Performance, 1,100RPM(520G)

LG Professional Laundry's Ball Balancing System stabilizes the drum for smooth, high-speed spins. G-force up to 520G at 1,100RPM powerfully extracts water while significantly shortening cycle times. Reduced vibration minimizes wear, ensuring lasting peak performance and more productive operations.



The Vibration Reduction Performance has Improved Three-Fold Jump Compared to Existing Products.

Faster

Efficient

Decreased
Vibration

Washer-Dryer Combo / Washer

Twin Spray

Resource efficient design needs less water, detergent, and energy.



*It's not an actual image, it's an image to help understand.

Powerful Spray, Fast & Smart Laundry

The Twin Spray system accelerates washing time by efficiently spraying water onto the laundry.

Competitors

Time when water flows through the drum from the top and wets the periphery of the fabric (sprayed outward from the inner drum)

→

Decreased cleaning power because clothes are not evenly wetted



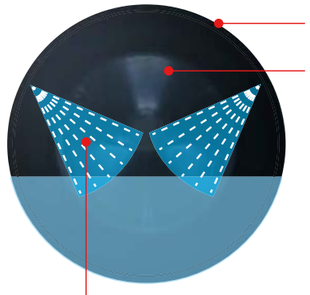
Water flows through the drum and collects

LG

A type that wets fabrics by spraying water directly onto the fabric through a Twin Spray (spraying into the inner drum)

→

Clothes are evenly wetted, which increases cleaning power, and the high moisture content reduces the frequency of re-watering, saving cycle time.



Water is sprayed directly from the inner drum onto the clothing.

*Twin Spray feature improves 9% in washing performance, test conducted with standard course with IEC load of 7kg. Please note that the actual performance may vary based on different usage environments and load conditions.

Washer-Dryer Combo / Dryer

Sensing Dry

Start saving. Stop overdrying. Eliminate expensive overdrying with dual sensor precision that knows when to stop.



* The drying state may vary depending on the type of fabric and the temperature setting of the course.

Start Saving. Stop Overdrying.

Upgrade to our cutting-edge Sensing Dry equipped commercial dryer and experience exceptional fabric care, reduced energy costs, and enhanced productivity in your OPL laundry operations.

- **Smart Sensing Dry**

With the AI technology, the Sensing Dry system automatically detects the moisture level in your laundry, adjusting drying time to avoid fabric damage caused.

- **Energy Efficiency**

By intelligently optimizing drying cycles using real-time moisture data, energy consumption is minimized, reducing operating costs and promoting a greener environment.

- **Enhanced Fabric Care**

Maintain the quality and longevity of your linens, towels, and clothing by preventing unnecessary wear and tear from over-drying.

- **Reduced Drying Time**

With precise moisture sensing, drying times are shortened, increasing operational efficiency and throughput in commercial settings such as hotels, laundromats, and healthcare facilities.

ESG

" LG Professional Laundry is committed to sustainability through our ESG principles, integrating innovative technologies that reduce water and energy consumption without compromising performance. We are dedicated to supporting a cleaner environment, ensuring that your business not only thrives but also contributes to a better future for the planet."

Washer-Dryer Combo / Washer / Dryer

Auto Weight Detection

Save intelligently on water, energy, and detergent. In washers, Dual Spray minimizes detergent and water use efficiently, and AI-driven 5-stage load detection optimizes soaking and dosage. In dryers, AI with moisture sensing adjusts heat and spin for precise and efficient drying.



Washer-Dryer Combo / Dryer

Heat Pump Technology

Offering flexible installation, energy efficiency, and no gas emissions, the Heat Pump Dryer is ideal for commercial settings where duct installation is difficult or environmental considerations are a priority.



Washer-Dryer Combo / Washer / Dryer

Wet Cleaning

Energy-efficient drying with professional-grade results while cutting harmful emissions. Delicate fabrics need expert care. LG's Wet Cleaning technology combines premium washing and drying into a future-minded alternative to dry cleaning.



Wet Cleaning



Wet Cleaning Washing

Wash/Rinse Motion

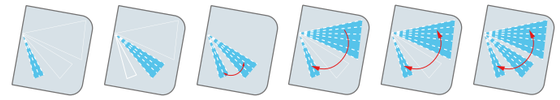


Rolling Motion
(Low Rpm)



Filtration Motion
(Spray Rinse)

Circulation



Custom Spray
(Variable Rpm)

Wet Drying



Wet Cleaning Drying

Various Drum Speed



Filtration Motion (High Rpm)



Filtration Motion (Low Rpm)



Tumble Motion (Mixing)

- Non-Stop Drying Minimizes Friction/Flexion
- Increased Efficiency with Variable Speed Drying

MAINTENANCE

"Thoughtful design.
Effortless maintenance."



Washer-Dryer Combo / Washer / Dryer

Tub Cleaning & Tub Sanitary

Tub Cleaning system delivers exceptional cleanliness. It keeps the washers and dryers drum fresh and clean, while the high-temperature hygiene cycle 99.99% ⇧ disinfects.

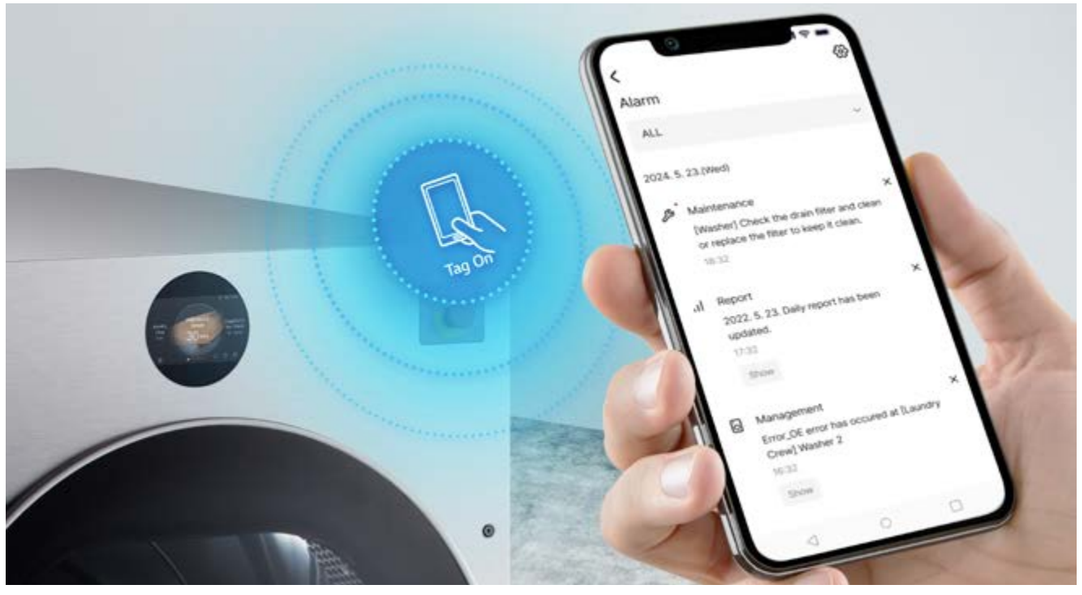


* The test results provided by Intertek are based on specific testing conditions and methodologies. Please note that the results may vary depending on the usage environment and other external factors. This disclaimer emphasizes the potential variability of test results due to different conditions.

Washer-Dryer Combo / Washer / Dryer

Proactive Customer Care

Identifies issues early. Notifies you in advance. Self-monitors to prevent costly breakdowns and notifies you through the management app in real-time.



Washer-Dryer Combo / Dryer

Ductless Dry (No Duct)

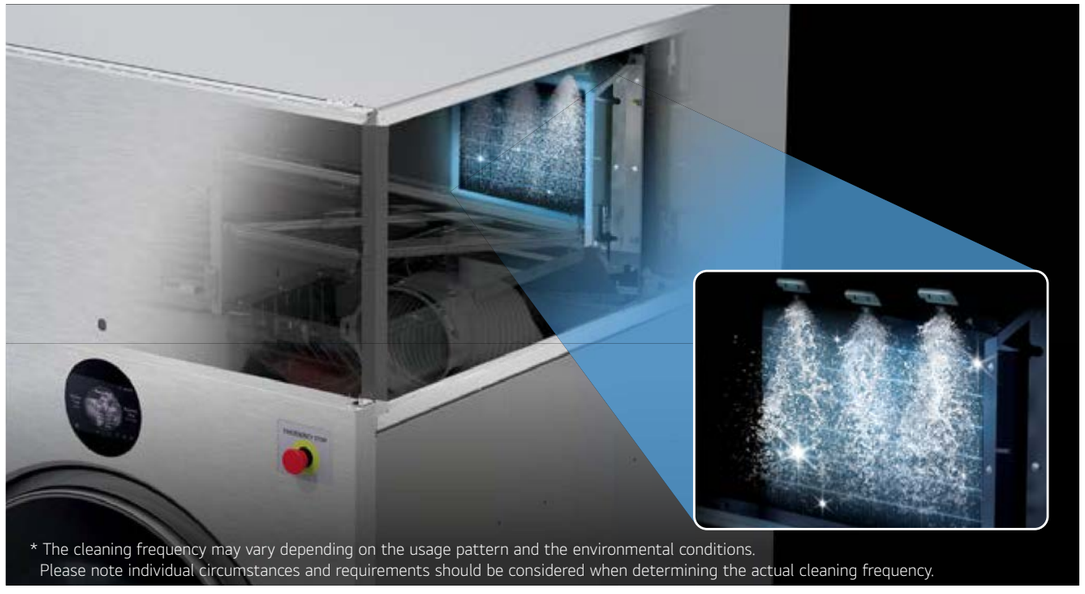
Start quickly with effortless installation. LG Professional Laundry provides an easy, plug-and-play solution that avoids costly duct installations & maintenance. Set it up flexibly in places where ducts aren't practical, like basements, high-rises, or older buildings. Enjoy a quieter, more comfortable work environment and transform your business with powerful efficiency.



Washer-Dryer Combo / Dryer

Cleaning Assistance

Maximize maintenance efficiency. The built-in water spray cleans the heat exchanger each cycle, reducing manual cleaning cycle to just once every six months. Tool-free service ensures easy upkeep, minimal downtime, and efficient operations.



* The cleaning frequency may vary depending on the usage pattern and the environmental conditions. Please note individual circumstances and requirements should be considered when determining the actual cleaning frequency.

Washer-Dryer Combo / Washer

Forklift Structure

Fast, safe installs in flexible locations. Built-in forklift slot for fast and safe installation in multiple locations.



Forklift Structure





Washer-Dryer Combo / Washer / Dryer

Front Service Ready

Front service is available to help you provide easy service.



Front Service



Comp/Fan Inverter



Door Assembly



Drain Pump/
Circulation Pump



Display PCB



Door Locker

Rear Service



Main PCB/Inverter PCB



Belt



Heater Assembly
· Front · Rear

Specification

Washer-Dryer Combo

Category	Washer 25kg & Dryer 16kg
Capacity (1:10&1:15)	Washer 25kg & Dryer 16kg
Drum Volume	250ℓ
Drum Diameter	Φ770mm
Door Opening Diameter	Φ476mm
Dimension (W×H×D)	970×1,871×1,272mm
Weight	420kg
Wash Speed	35rpm
Extraction Speed	1,100rpm
G-Force	520G
Heating Element	19.2kW
Drying Type	Heat Pump Dry (Ductless)
Heat Source	Inverter Twin Compressor (52.5cc/rev)
*Wash & Dry Time	60min



1) The dimensions and weight provided are an estimation.
2) The cycle time may vary depending on the loading condition.
3) The design, features, and specifications are subject to change without prior notice.
4) The specifications may vary depending on the standards of each country and region, as well as the model capacity.

Dryer

Category	25kg	30kg
Capacity(1:20)	25kg	30kg
Drum Volume	500ℓ	600ℓ
Drum Diameter	Φ927mm	Φ927mm
Door Opening Diameter	Φ731mm (Max)	Φ731mm (Max)
Dimension (W×H×D)	970×1,813×1,330mm	970×1,813×1,487mm
Weight	280kg	310kg
Dry Speed	41rpm	41rpm
Drying Type	Heat Pump Dry (Ductless)	Heat Pump Dry (Ductless)
Heat Source	Inverter Twin Compressor (52.5cc/rev)	Inverter Twin Compressor (52.5cc/rev)
*Evaporation	178g/min	214g/min
*Energy Consumpation	7.0kWh	7.0kWh



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Specification

Washer

Category	20kg	25kg	30kg
Capacity (1:10)	20kg	25kg	30kg
Drum Volume	200ℓ	250ℓ	300ℓ
Drum Diameter	Φ770mm	Φ770mm	Φ770mm
Door Opening Diameter	Φ476mm	Φ476mm	Φ476mm
Dimension (W×H×D)	970×1,425×1,058 mm	970×1,425×1,165 mm	970×1,425×1,272 mm
Weight	300kg	310kg	335kg
Wash Speed	35rpm	35rpm	35rpm
Extraction Speed	1,100rpm	1,100rpm	1,000rpm
G-Force	520G	520G	430G
Heating Element	19.2kW	19.2kW	19.2kW



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Product Installation Image

Hotel







Product Installation Image

Hospitals



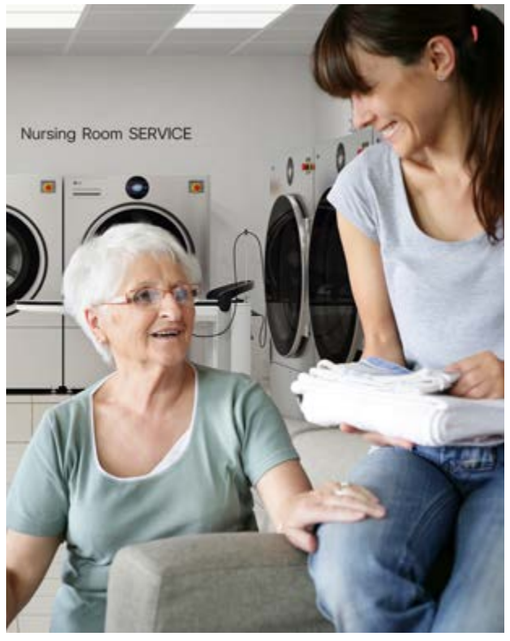




Nursing Homes







Product Installation Image

Laundromat









Marine





