

Introduce a new level of customer convenience with the AQUA Washer and Dryer Combo.

*Through auto switching cycles developed with advanced Japanese technology,
we have eliminated the need to reload laundry between washing and drying,
promising a snugly soft finish in a supremely fast cycle.*



AQUA
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•Products listed in this catalog are for the Japanese market. Product numbers and designs may differ depending on delivery location.
•Product specifications are subject to change without notice. •Due to printing conditions, actual product colors may differ slightly from those shown in this catalog.

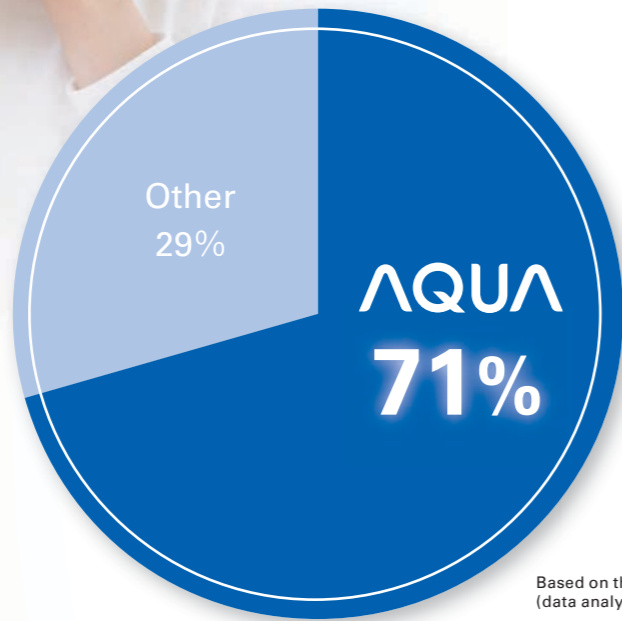
Japan's bestselling coin-operated laundry brand*

*Based on the number of units shipped in Japan in 2018(data analysis by AQUA).



AQUA holds the largest market share by volume of coin-operated laundry equipment sold in Japan.

Starting in 1971, AQUA was the first manufacturer in Japan to produce and sell coin-operated laundry machines. Today we are Japan's bestselling brand for laundry business solutions, with a reputation for excellent reliability proven by our long experience in the industry.



Based on the number of units shipped in Japan in 2018 (data analysis by AQUA).

AQUA laundromat machines are designed and produced in Japan.

AQUA coin-operated laundry machines have been consistently designed, developed, and manufactured in Japan since 1971.



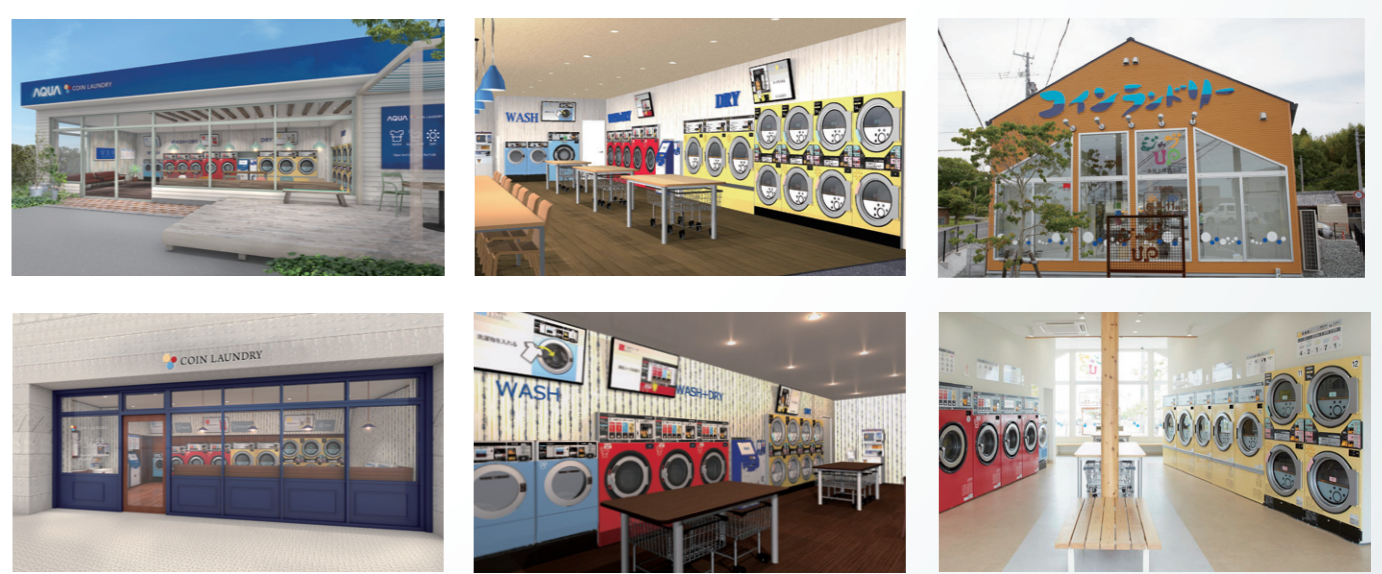
As the leading manufacturer in the Japanese market, we continue to achieve our mission over decades of launching innovative products that satisfy laundromat owners and their customers.

History of AQUA

- 1971 Coin-operated automatic washer
- 1972 Coin-operated dryer
- 1975 Coin-operated gas dryer
- 1981 Coin-operated frontload automatic washer
- 1986 Sneaker laundry machine
- 1990 Pre-paid card laundry machine Coin-operated shower
- 1995 Coin-operated steam closet Coin-operated steam press machine
- 1998 Automatic drum-type washer with G-balance control
- 1999 Futon drying machine
- 2000 Futon washer
- 2002 Automatic washer with electrolyzed water technology
- 2003 Coin-operated automatic washer and dryer combo machine
- 2010 Automatic futon & comforter washer and dryer combo
- 2018 Washer and washer and dryer combo machine with ozonated water rinse cycle



AQUA Equipped Laundromats





WASH & DRY

HWD-7277GC
HWD-7177GC

- Wash and dry in 1 hour
- Auto-dosing of detergent and softener
- Drum pre-clean feature



WASHER

HCW-5227C
HCW-5177C
HCW-5127C

- Equipped with an enhanced anti-vibration system to ensure better durability
- Auto-dosing of detergent and softener
- Drum pre-clean feature

Easy to Use

● Easy-to-grip door handle

The large easy-to-grip handle allows for easy opening and closing of the door, while the positioning angle shows if the door is open or closed.



● Wide opening large door

It is easy to load or unload laundry.



● Easy-to-read control panel

The control panel is designed to minimize glare from shop lighting or sunlight.

● Large LED indicator

Large LED indicators enable easy confirmation of the amount paid and the remaining cycle time. They also allow for the clear display of error codes so store owners can take quick corrective actions.

● Enhanced user-friendliness through voice guidance

Voice guidance provides easy to follow instructions ensuring that even users that are unfamiliar with the process can have an enjoyable self-laundry experience.



● Illuminated cycle buttons

Washer and dryer
combo machine only

The selected program cycle illuminates to indicate the amount. The displayed numbers inform the user to insert the required amount to start the cycle.



● Easy-to-change cycle name display

Washer and dryer
combo machine only

Simple replacement of AQUA Card Labels provides a quick and easy way to change the cycle name displays.



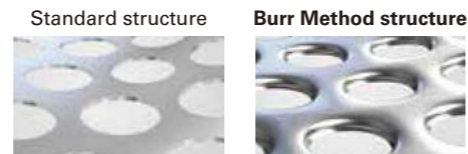
Course names can be changed easily by lifting the control panel and changing the course sheet.



Excellent Laundry Finishing

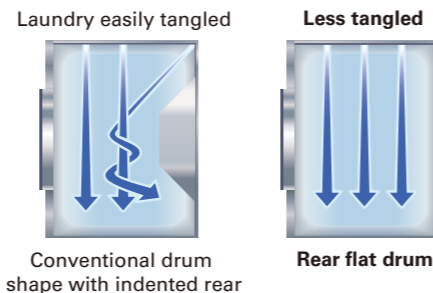
- **Exceptionally smooth drum perforations gentle on fabric**

Drum perforations are formed with the Burr Method to maintain a smooth drum surface that minimizes snags and fabric damage.



- **Rear flat drum reduces fabric tangling**

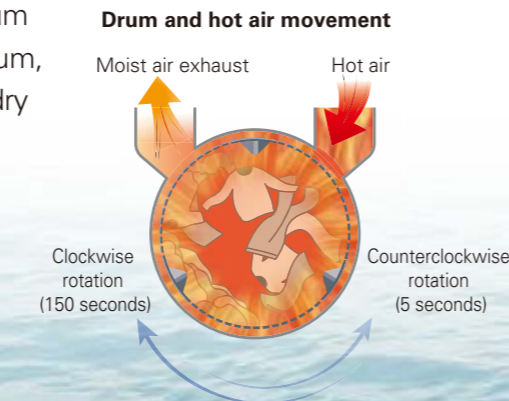
The flat design of the rear drum prevents fabric from tangling.



- **Drum with optimum heated air flow for fast drying and laundry with a soft-touch finish**

Washer and dryer combo machine only

Instead of blowing heated air directly onto garments, our optimum air flow design supplies it uniformly and efficiently across the drum, which not only minimizes fabric damage but also helps laundry dry quickly, with a finish that is soft to the touch.



- **Reversing drum for better dry**

Reversing drum action during washing and drying prevents laundry from tangling and clumping and redistributes it across the drum so it can be dried evenly.

Always Clean

- **Drum pre-cleaning**

This feature ensures that users can always have a clean drum for their laundry by washing the drum with water before starting a cycle.



Quiet Operation

- **Water hammer prevention valve**

Loud knocking and impacts do not occur when the water supply valve is closed.

Promised Durability

- **Durable stainless steel construction**

The drum, outer tub, door area, and other parts that come into contact with water are made with stainless steel.



- **G sensor for ultimate drum vibration control**

The G sensor detects abnormal drum vibration during the spin cycle to control rotational speed and prevent the drum from colliding with the frame. This revolutionary feature ensures safe operation and better durability of the product.

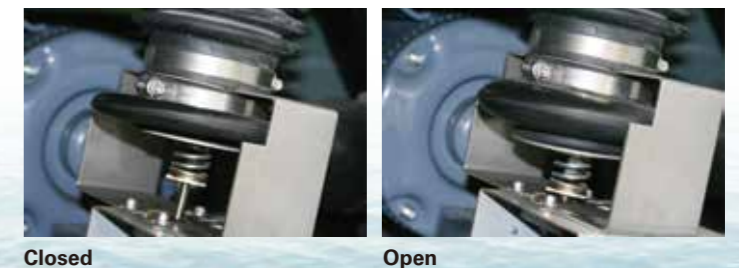


- **Quiet operation and enhanced vibration-absorbing construction**

Using six shock absorbers reduces vibrations and mitigates sounds even during high-speed spinning.

- **Large diameter drain valve that reduces the risk of clogging**

The large diameter reduces dirt clogging and shortens draining time.





Easy Maintenance

● Drying air duct inspection window

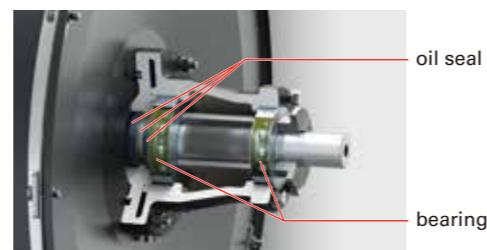
Washer and dryer combo machine only

The drying air duct inspection window makes checking for dust build up easier via access through the front panel. The window can also be used to carry out cleaning and maintenance.



● Maintenance-free bearings

The bearings play a key role in supporting the rotating drum. A pair of NSK bearings with triple-layer oil seals that do not require grease replacement are used to ensure maintenance-free operation.



Option

● Auto-dosing detergent/softener dispenser (up to 5 liquid additives)

Adding a separately purchased pump allows for up to 5 different varieties of liquid laundry products to be automatically dispensed. Customized cycles can be configured to meet customer needs.

Reliable and Safe

● Robust coin box

Thick steel plates are used in the coin box casing, making it difficult to force open.

3.2mm



● Japanese quality to the core

Inverters, circuit boards, drum motors, fan motors, bearings, shock absorbers, belts, water supply valves, hot water supply valves, additive pumps, burners, and more... these core components are all made by highly trusted Japanese manufacturers.

Note: Burners are certified by the Japan Gas Appliances Inspection Association

● Door locks

Locking doors ensure user safety during operation.

● Drum interior temperature detection

Washer and dryer combo machine only

When high temperatures are detected inside the drum, operation is maintained by temporarily shutting off the burner and restarting it again when safe conditions return.

● Burner safety shut off

Washer and dryer combo machine only

When the gas burner flame goes out, the gas supply is automatically shut down and restarted again when safe conditions return.

● Burner overheat detection

Washer and dryer combo machine only

Detectors check gas burner ignition in two locations. When abnormal burning is detected the burner is completely controlled for safe operation by switching it off and then restarting it when safe conditions return.

● Motor thermal detection

Operation is stopped when abnormally high motor temperatures occur.

● Abnormal vibration detection

Operation is controlled when abnormal drum vibrations are detected, automatically engaging a process that redistributes clothing to maintain a balanced load.

● Filter door detection

Washer and dryer combo machine only

The machine detects that the filter door is closed.





HCD-6147GC



HCD-3257GC

- High-heat gas drying action eliminates dust mites and microorganisms
- Powerful air flow maximizes drying efficiency
- Drum pre-clean feature with air



Easy to Use

● **Easy-to-read control panel**

The control panel sheet is designed to minimize glare from shop lighting or sunlight.

● **Large LED indicator**

Large LED indicators enable easy confirmation of the amount paid and the remaining cycle time. They also allow for the clear display of error codes so store owners can take quick corrective actions.

● **Enhanced user-friendliness through voice guidance**

Voice guidance provides easy to follow instructions ensuring that even users that are unfamiliar with the process can have an enjoyable self-laundry experience.

● **Door glass with privacy by design**

Patterning on the lower half of the dryer door glass helps put users at ease by concealing their laundry from view.

● **Avoid confusion through separate top- and bottom-mounted coin mechanisms**

(HCD-6147GC only)

Top and bottom coin mechanisms are installed vertically so users can easily determine which mechanism corresponds to the unit they are using.



Excellent Laundry Finishing

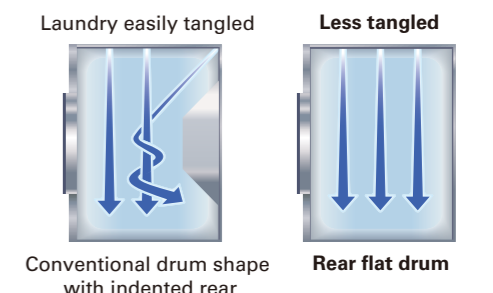
● **Exceptionally smooth drum perforations gentle on fabric**

Drum perforations are formed with the Burr Method to maintain a smooth drum surface that minimizes snags and fabric damage.



● **Rear flat drum reduces fabric tangling**

The flat design of the rear drum prevents fabric from tangling.



● **Drying cycles can be selected to match laundry**

Users can choose from three different drying cycles.

Standard: For drying normal laundry and comforters

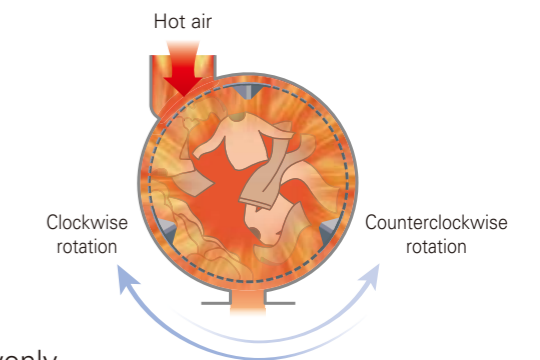
Low temperature: For drying delicate laundry

Blanket: For drying blankets



● **Optimal side-blow heated air flow for fast drying and laundry with a soft-touch finish**

Heated air enters from one side of the drum and is circulated evenly across the entire drum along with the drum rotation. This optimal air flow design reduces fabric damage and ensures that laundry dries quickly, with a soft-touch finish.



● **Reversing drum for better dry**

Reversing drum action drying prevents laundry from tangling and clumping and redistributes it across the drum so it can be dried evenly.

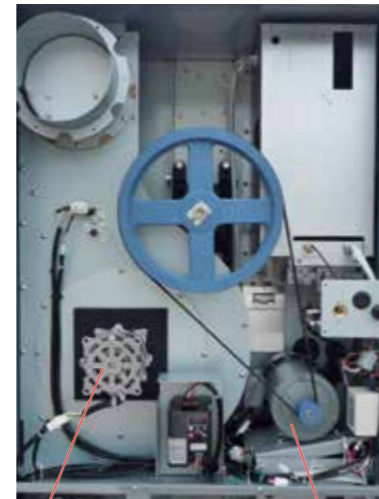
Quiet Operation

- **4-pole fan motor suppresses high-frequency sound**

The low fan speed mitigates high-frequency sounds as well as wind noise while drying.

- **Low-noise belt drive**

Rather than rotating the drum directly, the drive belt rotates the drum spindle for quieter operation.



fan motor drum motor

Always Clean

- **Drum Refresh**

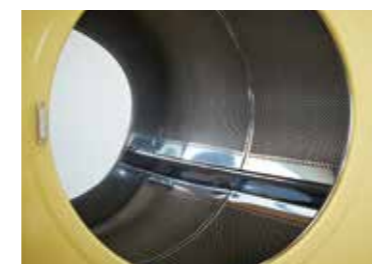
Pressing a button before loading laundry blows air through the drum to remove dirt and dust.



Promised Durability

- **Durable stainless steel drum**

Stainless steel is used for the drum to ensure durability.



- **Scratch prevention cushioning protects body from damage** (HCD-3257GC only)

Resists scratching even when hit with laundry carts or similar.



- **Simple construction, superior durability**

Magnetic door catches with a simple yet durable structure are used to ensure reliable opening and closing of dryer doors over time.



Easy Maintenance

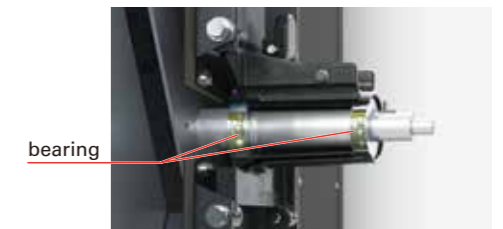
- **Easy-to-clean lint filter**

The filter is installed at an easy-to-clean angle that allows for cleaning without the hassle of removal.



- **Maintenance-free bearings**

The bearings play a key role in supporting the rotating drum. A pair of NSK bearings that do not require grease replacement are used to ensure maintenance-free operation.



Reliable and Safe

- **Robust coin box**

Thick steel plates are used in the coin box casing, making it difficult to force open.



- **Japanese quality to the core**

Inverters, circuit boards, drum motors, fan motors, bearings, belts, burners, and more... these core components are all made by highly trusted Japanese manufacturers.

Note: Burners are certified by the Japan Gas Appliances Inspection Association

- **Drum interior temperature detection**

When high temperatures are detected inside the drum, operation is maintained by temporarily shutting off the burner and restarting it again when safe conditions return.

- **Burner safety shut off**

When the gas burner flame goes out, the gas supply is automatically shut down and restarted again when safe conditions return.

- **Burner overheat detection**

Detectors check gas burner ignition in two locations. When abnormal burning is detected the burner is completely controlled for safe operation by switching it off and then restarting it when safe conditions return.

- **Motor thermal detection**

Operation is stopped when abnormally high motor temperatures occur.

- **Exhaust volume detection** (HCD-6147GC only)

When the volume of exhaust air drops, the gas supply is automatically shut down.

- **Filter door detection**



The machine can detect if the filter is set correctly.

- **Door switch**

The door switch detects that the door is closed, ensuring that optimum drying performance can be obtained.

Specification

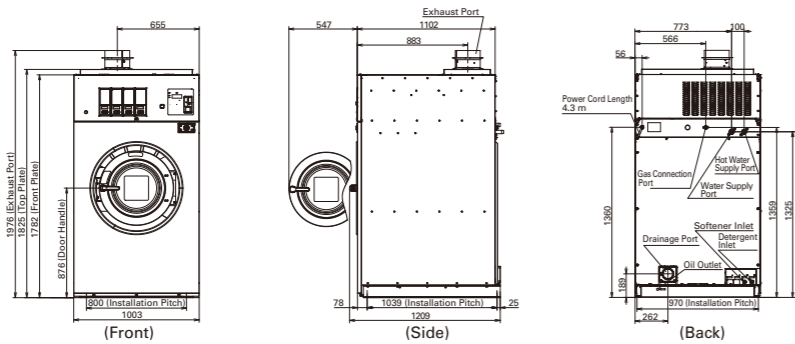
WASH & DRY

Model No.*	HWD-7277GC	HWD-7177GC	
Color*	 Red Made in Japan	 Red Made in Japan	
Capacity (Wash/Dry)(kg)	27.0/16.0	17.0/10.0	
Drum Volume (L)	271	169	
Program Cycle Free Setting	●	●	
Replacement of Program Cycle Indication	●	●	
Drum Cleaning Program	●	●	
Drum Pre-Clean	●	●	
Voice Guidance	●	●	
Cycle for Small Load Laundry	● 7kg (Dried Clothes)	● 4kg (Dried Clothes)	
Automated Detergent/Softener Dosing	● 2 Solutions (up to 5)	● 2 Solutions (up to 5)	
Hot Water Washing*	●	●	
Water Hammer Knocking Prevention Valve	●	●	
Rated Power Source	200V, 3 Phases, 50-60Hz	200V, 3 Phases, 50-60Hz	
Circuit Breaker (A)	20	20	
Rated Power Consumption (W)	1280 (During Spin)	880 (During Spin)	
Rated Energy Consumption (Wh)	707 (Standard)	409 (Standard)	
Standard Water Consumption (L)	259	169	
Heat Source	Gas	Gas	
Heat Source Energy (during continuous combustion) LPG (kW)	20.9	12.4	
Pipe Size	Exhaust (mm)	φ200	
	Cold/hot water supply	3/4B	
	Drainage (mm)	89 (Nominal Diameter 75)	
Maximum Air Flow (m ³ /min.)	Gas	Rc1/2	
	Standard Operation Time (min.)	12.8	
Drum	Diameter × Depth (mm)	800 × 540	
	rpm	Washing · Rinsing	40
		Spinning	800
		Drying	45
Product Dimensions (W x D x H) (mm)	1,003 × 1,209 × 1,976	855 × 1,202 × 1,822	
Net Weight (kg)	697	502	

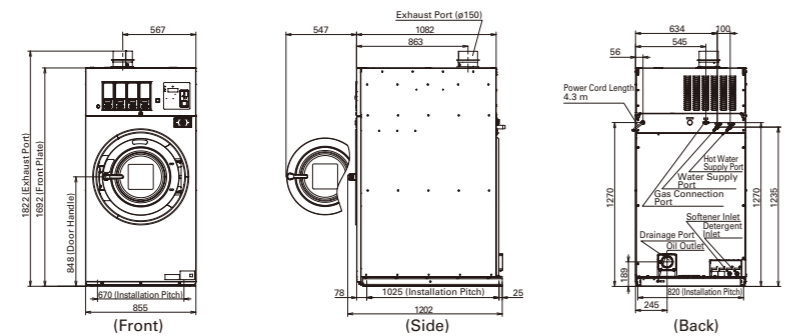
*Electric heater is not built in.

■ Dimensions (Units: mm)

HWD-7277GC






HWD-7177GC



Specification

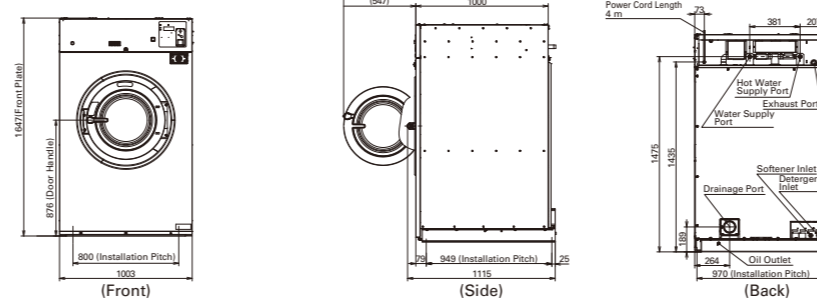
WASHER

Model No.*	HCW-5227C	HCW-5177C	HCW-5127C
Color*	 Blue Made in Japan	 Blue Made in Japan	 Blue Made in Japan
Capacity (kg)	22.0	17.0	12.0
Drum Volume (L)	218	169	123
Drum Pre-Clean	●	●	●
Automated Detergent/Softener Release	● 2 Solutions (up to 5)	● 2 Solutions (up to 5)	● 2 Solutions (up to 5)
Hot Water Washing*	●	●	●
Water Hammer Knocking Prevention Valve	●	●	●
Rated Power Source	200V, 3 Phases, 50-60Hz	200V, 3 Phases, 50-60Hz	200V, 3 Phases, 50-60Hz
Circuit Breaker (A)	20	20	20
Rated Power Consumption (W)	1,300 (During Spin)	825 (During Spin)	765 (During Spin)
Rated Energy Consumption	357	227	179
Standard Water Consumption (L)	287	231	178
Pipe Size	Cold/hot water supply	3/4B	3/4B
	Drainage (mm)	89 (Nominal Diameter 75)	89 (Nominal Diameter 75)
Standard Operation Time (min.)	31	31	31
	Diameter × Depth (mm)	800 × 434	650 × 510
Drum	rpm	Washing · Rinsing	40
		Spinning	600 (Middle), 800 (Final)
		Drying	45
Product Dimensions (W x D x H) (mm)	1,003 × 1,115 × 1,647	855 × 1,197 × 1,543	855 × 1,045 × 1,543
Net Weight (kg)	650	460	440

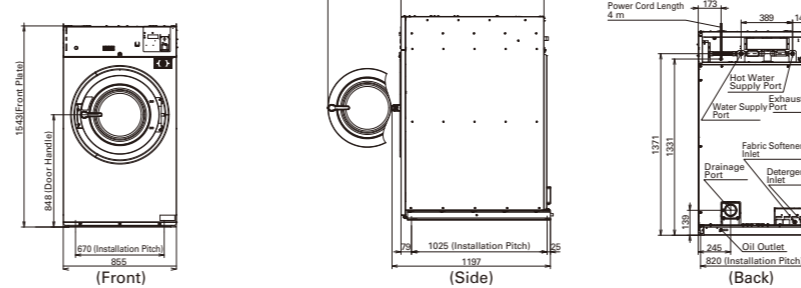
*Electric heater is not built in.

■ Dimensions (Units: mm)

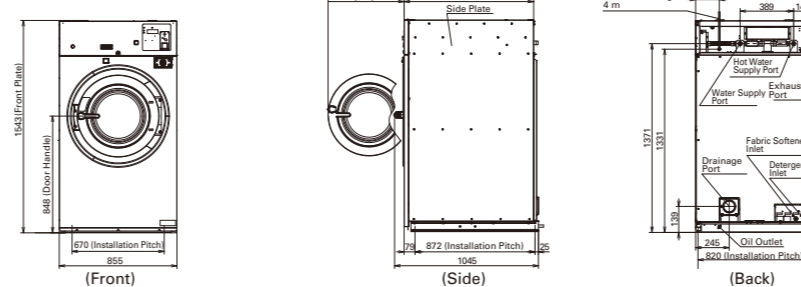
HCW-5227C



HCW-5177C





HCW-5127C



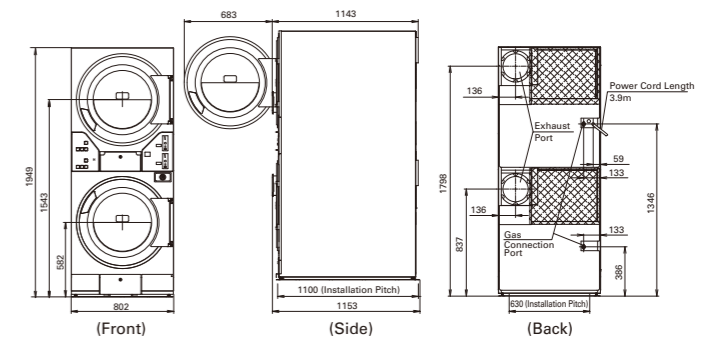
Specification

DRYER

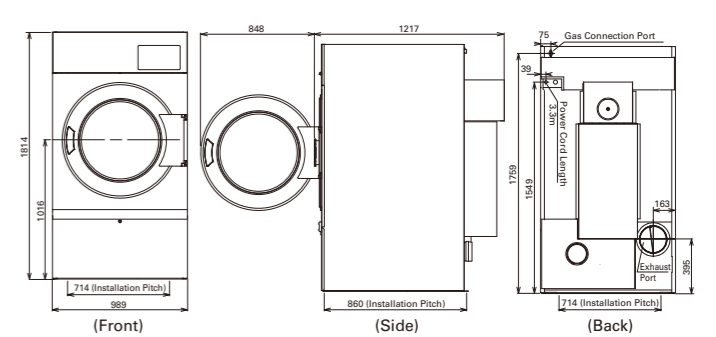
Model No.*	HCD-6147GC	HCD-3257GC
Color*	 Yellow Made in Japan	 Yellow Made in Japan
Capacity (kg)	14.0 × 2	25.0
Drum Volume (L)	286 × 2	527
Drum Refresh	●	●
Stainless Steel Drum	●	●
Voice Guidance	●	●
Reverse Action of Drum	●	●
Cool Down Cycle	●	●
Rated Power Source	200V, 3 Phases, 50-60Hz	200V, 3 Phases, 50-60Hz
Circuit Breaker (A)	20	15
Rated Power Consumption (W)	615	620
Heat Source	Gas	Gas
Heat Source Energy (during continuous combustion) LPG (kW)	41.0	27.9
Maximum Air Flow (m ³ /min.)	12.2	15.0
Pipe Size	Exhaust (mm)	φ200 × 2
	Gas	Rc1/2 × 2
	Drainage (mm)	Rc1/2
Drum	Diameter × Depth (mm)	760 × 630
	Rotation	Automated Rotation
Product Dimensions (W x D x H) (mm)	rpm	45
	Net Weight (kg)	42
Product Dimensions (W x D x H) (mm)	802 × 1,143 × 1,949	989 × 1,217 × 1,814
Net Weight (kg)	346	276

■ Dimensions (Units: mm)

HCD-6147GC



HCD-3257GC



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