

The Perfect Pint Process

Over our 25+ years of experience in the hospitality industry, we have been working continually to improve our services and solutions.

In recent years, we have developed a simple 5 step solution, **'The Perfect Pint Process'**, that if followed correctly will guarantee consistently perfect glass washing results.

Our solution looks at the 5 key areas we have identified that must be overcome to provide exceptional glass washing results. We have trialled and tested various products over the years and are delighted to have now come up with a solution that not only guarantees results but is simple and easy to follow.

CHECK IT
Water Treatment



PREPARE IT
Quash



TREAT IT
Perfect Detergent & Rinse Assist



WASH IT
Clenaware Sovereign



DRY IT
Airack



1 Check it!

Water is a crucial component in the cleaning process.

Used as a medium for detergent and as a rinsing agent, it also provides mechanical force and heat during the cleaning process. Tap water typically contains various elements which, when combined with heat, can cause stains and corrosion of the glasses being washed. They also can damage the glass washing machines, reducing their lifetime and increasing maintenance costs.



Hard facts about hard water

- The hardness of water is determined by the amount of Calcium and Magnesium dissolved in water. The more Calcium and Magnesium the water contains, the harder it is.
- If you're in a 'hard' water area, you may suffer with Limescale. Limescale isn't just unsightly by leaving streaks and 'milky' residue on otherwise clean glasses; it's also another factor in stopping you serving the Perfect Pint.
- Contaminates and scale found in water, even with the best will in the world, can't always be removed and these contaminants will ultimately 'flatten' and affect the appearance of your pint. This is where a Water Treatment Unit becomes beneficial and a necessity to serve the Perfect Pint.

How does water treatment work?

- The water passes through an inlet hose into the Water Treatment Unit.
- Cartridge within the unit contains sodium, hydrogen or potassium, divalent calcium and magnesium ions. The harder the water, the more sodium, hydrogen and potassium are released from the cartridge, thus softening the water.
- The softened water then passes from the WTU into the wash tank, ready to help produce perfectly beer-clean glasses.

Check it Solution - Perfect Water Filter



The **Perfect Water Filter** is an ultra-high capacity water filter, designed to optimise glass washing machines and scale prevention.

Key Benefits

-  SUSTAINABLE
-  COMPACT
-  EASY INSTALL

Key Features:

- Utilising a unique Anti-scale Nano Energy Technology (NET) and 3 uM carbon block, for optimum performance.
- Eco friendly 3-piece filter housing is reusable with one replaceable eco insert cartridges required.
- Effective against hardscale up to 130 °C with magnesium retention for taste.
- Removes chlorine, bad tastes and odours, herbicides, pesticides and organic chemicals for fresh tasting drinks.
- Simple installation from Perfect Pint engineer, with quarter turn release mechanism for easy maintenance.
- Capacity of 57.500 litres @180ppm



2 Prepare it!

It is important to give a glass the best chance of being perfectly washed, before it goes into the glasswasher.

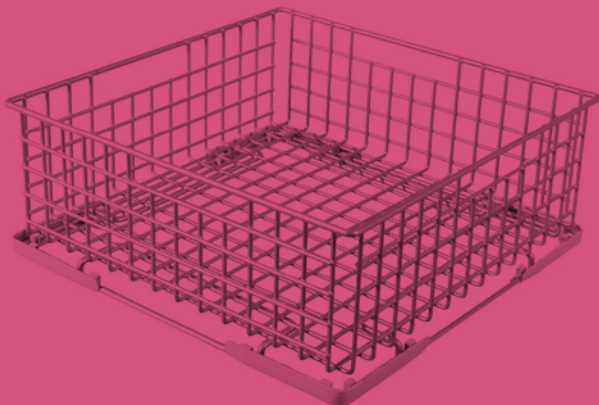
By swiftly removing visible residues such as lipstick, oils or any other tannins, the glass is given the best possible chance of coming out as 'beer clean'. A quick pre-clean prevents residues from drying or hardening, making them easier to remove in the subsequent machine wash.



Benefits of a pre-wash treatment

1. Maximises likelihood of producing a 'beer clean' glass
2. Reduces the number of returned drinks
3. Reduces the number of customer complaints

With many different styles of glassware being introduced to bars and restaurants, you need the right baskets to wash them in. Specialist glass washing baskets come in a range of different sizes and styles, which are designed specifically for each individual style in glassware.



Benefits of choosing the right basket

- There's an added risk of breakages when washing taller glasses in common open glass washing baskets as they have no support whilst they are in the basket.
- Common glass baskets themselves are not made up of robust wirework (robust wirework would be coated in a 'premium' plastic hygienic coating) and also have no corner protection mouldings for added durability.
- Common glass baskets have narrow spaces between the wirework providing the water from the wash and rinse jets with a much smaller area to get through. This means that the glasses are not washed and rinsed as thoroughly as they could be.

Perfect Pint Glass Washing Baskets are available in the following sizes 400mm, 450mm and 500mm which comes in a range of styles and functions.

Also available in the Perfect Pint Glass Basket range are Basket accessories, such as the Basket Divider Kits.

Prepare it Solution - Quash and Basket Range



The essential system for perfect drink presentation

The Quash lipsticker remover system is a unique patented innovation designed for the pre-wash removal of grease and lipstick from the lip area of all types of glassware.

Quash is the market leading antibacterial solution specially formulated for removing lipstick and grease marks which can resist traditional washing.

Quash Lipsticker Remover Introduction Kit:

- 1 x 500ml of Quash Concentrate
- 1 x Foam Pad (replace after every 500ml of concentrate)
- 1 x Applicator
- 1 x Measuring Cup

Key Features:

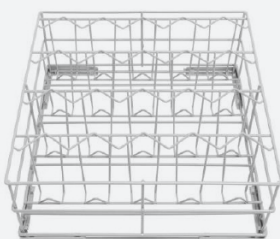
- Reduces the number of returned drinks
- Reduces the number of customer complaints
- Instant pre-wash removal of grease and lipstick
- Safe, simple, hygienic to use
- Suitable for all glassware
- Saves time and money
- Prevents cross contamination of germs

Which baskets should you use?

Tall glass basket

Ideal for:

- Pilsner glasses
- Continental glasses
- Peroni glasses
- Heineken glasses
- Carlsberg glasses
- Carling glasses



Divided basket

Ideal for:

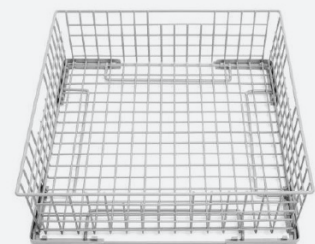
- Half pint glasses
- Stem pint glasses
- Cocktail glasses
- Snifter glasses
- Champagne flutes



Open basket

Ideal for:

- Pint glasses (traditional)
- Half pint glasses
- Polycarbonate pint glasses



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Treat it!

Inefficient glassware hygiene causes 90% of drink quality issues associated with the licensed trade.

In a recent market survey 61% of people who were served a less than perfect drink (courtesy of unhygienic glassware) said they would go elsewhere next time. Startling results!!! Think of the possible effects on your business.



Perfect Pint have been providing market leading glass washing and glass care products for over 25 years, providing the hospitality industry with effective, high quality, innovative concepts to solve any issue.

Perfect glassware is one of the most important parts of being able to give your customer the perfect drinking experience and with Perfect Pint you'll have quality right from the keg, through to the glass.

When selecting a liquid solution for glass washing, good quality chemicals for both Detergent and Rinse Aid will consistently deliver excellent results.

Choosing the right chemicals

Glass washing chemicals should be:

- Easy and safe to use
- Have no adverse effect on your glassware
- Deliver maximum head retention in beers and lagers by reducing build up or residue
- Cope well with tannins
- Deliver spot-free results and visual brightness in your glassware

Recognising good quality chemicals

- Good quality chemicals will produce less soap and foam during a wash. This means that the rinse-assist is able to carry out its job efficiently without the need for any extra rinsing to remove excess foam left in the cabinet at the end of a cycle.

Treat it Solution

Perfect Detergent and Perfect Rinse-Assist

Part of a glass wash package formulated to be used in conjunction with one-another, **Perfect Detergent** and **Perfect Rinse-Assist** are designed for constant use in auto-dosing cabinet machines to consistently deliver perfect glasses every time.

Perfect Detergent



Perfect Detergent is a unique formulation which prevents protein and yeast build up; removes food grease and tannin stains; and optimizes glasses for continuous perfect beverage presentation, enhancing the quality and presentation of dispensed drinks.

Usage instructions

- Designed for constant use in cabinet glasswashers as per the machine manufacturer's instructions.
- On initial use you may experience a chlorine odor for a short period of time which occurs during the standardisation of the machine.
- If glasses have not been recently Renovated, it may take 2-5 washes to reach a pristine condition.

Dosage information

- Recommended usage is 3.0mls. per litre of water.
- Always use PERFECT Detergent in conjunction with PERFECT Rinse Assist.

Perfect Rinse-Assist



The second part of our glass wash package, formulated to be used with **Perfect Detergent** for constant use in auto-dosing cabinet machines to consistently deliver perfect glasses every time. **Perfect Rinse Assist** promotes rapid drying and reduces spotting.

Usage instructions

- Designed for constant use in cabinet glasswashers as per the machine manufacturer's instructions.
- On initial use you may experience a chlorine odor for a short period of time which occurs during the standardisation of the machine.
- If glasses have not been recently Renovated, it may take 2-5 washes to reach a pristine condition.

Dosage information

- Recommended usage is 0.3mls. per litre of water.
- Always use PERFECT Rinse Assist in conjunction with PERFECT Detergent.

Benefits

- Great presentation, good head formation, colour and retention
- Consistent gas breakout
- Good sparkle and life in lagers
- No gas clusters/ bubbles on glass walls
- The Perfect combination eliminates the need to Renovate glasses.

4

Wash it!

A Glass Washer should:

- Provide consistent results
- Be efficient
- Be easy to operate
- Allow you to wash a wide variety of glassware
- Provide an all-in-one solution with no 'hidden', expensive extras



DID YOU KNOW?

The Sovereign glass washer is the only glass washer to use a 'Fresh Water Wash' cycle with every wash. Other glass washers on the market actually re-use their wash water over and over again so you end up washing your glasses in 'dirty' water.

The benefits and key features of a good glass washer

- Provide consistent results
- Be efficient
- Be easy to operate
- Allow you to wash a wide variety of glassware
- Provide an all-in-one solution with no 'hidden', expensive extras



Wash it Solution - The Sovereign Glasswasher

The **Sovereign Glasswasher** is designed and built-in Europe and is a fully integrated machine. It has everything needed built in to deliver perfect glass washing results. The Sovereign Glasswasher is the only machine available on the market that washes in fresh water, every single cycle.

Fresh water wash



Unlike other machines that reuse the wash water, the Sovereign Glasswasher is a "Fresh Water Wash" machine which always ensures the last wash is the same as the first. The "Fresh Water Wash" system replaces the wash water after every wash, and what's more, the rinse water is always fresh to ensure that you obtain the same consistent "Perfect" result every time.

Plastics wash cycle



The Sovereign combines practicality and specialisation to create a very versatile glasswasher. The Sovereign Glasswasher has a dedicated "Plastics Wash Cycle", designed for washing plastic/polycarbonate glasses, which extends the usable life of "plastic" glassware by as much as double. Polycarbonate glassware requires a hotter rinse temperature and additional rinse-aid. Once the user selects the "Plastic" cycle, the Sovereign automatically adjusts the rinse water temperature and increases the amount of rinse-aid used in the cycle. The user can switch between washing standard glassware and plastic glassware at any time during a washing session, making it a highly flexible machine.

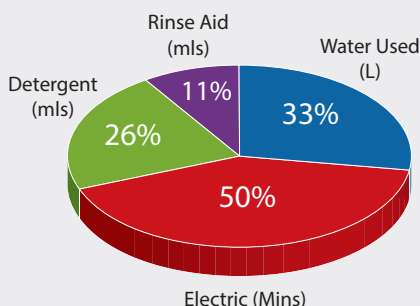
Integrated design



A glass that hasn't been washed thoroughly using the correct glass washing equipment not only looks bad but also affects the taste and look of the beverage itself. With the Sovereign Glasswasher, it couldn't be easier to achieve excellently washed glasses to help you serve the perfect pint. The Sovereign Glasswasher is designed to be a fully integrated machine with everything that you need built into it. The Sovereign Glasswasher includes a rinse booster pump, a waste pump and chemical injection and sensing. It also includes a built-in self-diagnostics system and is WRAS approved.

Eco-friendly savings

Clenaware Usage Savings %*



INDICATIVE 5 YEAR USAGE SAVINGS*

The Glass Wash Machine of Choice for Diageo and Heineken

Selected for use by Diageo at the Guinness Storehouse®, and by Heineken® in their Kiln Bar.

DIAGEO

GUINNESS

HEINEKEN

The Perfect Pint glass cleaning process

Recommended by the major Irish Breweries.



Save Money and reduce your Carbon Footprint

130,000 L - *less Water* | 3,300 kWh - *less Electric* | 300 L - *less Detergent* | 10 L - *less Rinse Aid*

* Study conducted by Clenaware versus a market leading competitor. Supporting details available on request. The Diageo, Guinness® and Heineken® logos are © copyright their respective owners.

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Dry it!

Lager, stout and craft beer served in a wet or warm glass will always appear flat, lifeless and will not have the ability to form or retain it's head.

The nucleation in nucleated glasses will also be in-effective if it is damp or wet. To ensure you are serving the Perfect Pint, you must make sure the glass is completely dry, meaning that the drink poured won't appear flat and will retain its head.



Problems that can arise from traditional drying

- Dispensing lager or stout into a wet or warm glass will inhibit the gas release. As a result of this, the appearance of the drink will then be flat and lifeless. The nucleation in nucleated glasses will also be in-effective if it is damp or wet. Draft Beers, Lagers, and Stout appear to be most at risk to this effect.
- The 'usual' method used in Bars for drying glasses is with a cloth or towel. However, the problems arising from the use of towels counteract the glass washing objectives. The towel can be a means of cross-contamination from glass to glass and a cause of non-rinsing films, especially if it has been laundered with fabric softener.
- For glasses which have been cleaned in a glass washer, air drying is the correct and **ONLY** practice that should be followed. The inside of the glass is the part of the glass that takes the longest to dry. Did you know that leaving your glasses to air dry can take up to 40 minutes? Not to mention the fact that they can have an off-putting 'musty' smell after sitting face down and damp on a shelf whilst waiting for their next use.



Dry it Solution - Airack



Airack Glass Dryer - Standard - 40 Size



Airack Glass Dryer - Standard - 45 Size



Airack Glass Dryer - Standard - 50 Size



Airack Glass Dryer - Lite - 40 Size



Airack Glass Dryer - Lite - 45 Size



Airack Glass Dryer - Lite - 50 Size

Tips for looking after and using your Airack

- Follow the daily maintenance as per the Care Card enclosed with the Airack.
- Make sure you site the Airack correctly as per the Installation Card enclosed with the Airack.
- When the Airack is not in use, disconnect it from the mains supply and remove the Top Cover from the base for cleaning.
- Only clean the Top Cover of the Airack with a clean, damp cloth. Pay attention to the air holes in case of any blockages from water residue, that may otherwise restrict the airflow when the Airack is in use.
- For best results use your Airack with a wire basket as these have bigger clearance holes allowing the air to circulate more freely.

Benefits of the Airack Glass Dryer

- It dries glasses up to 10 times faster
- It dries up to 30 Pint glasses in as quick as 4 minutes
- It dries glasses at an 'Ambient' temperature, so glasses can be used immediately as they are cool to the touch
- It can be used with any glass washer baskets that measure up to 500mm
- It sits neatly and safely on a counter top
- It cuts out the costs of replacing cloths or paper towels
- It's easy to install, Plugs into a 3-pin socket and only uses as much electricity as a small lightbulb

