



Uniclass L725111	EPIC G611
CI/SB (74.26)	X

Special Offer Water & Energy Saving Showers Direct From Manufacturer

- **Water Saving Capability**
- **Energy Saving Capability**
- **High Performance**
- **Original Patented Technology**
- **UK Manufacture**
- **Immediate Delivery**
- **Not a Cheap China Copy**
- **Combining Quality & Reliability**
- **Anti Bacterial Capability**
- **Volume Orders Can Be Branded With Your Company Logo**
- **Volume Orders Choice of Bespoke Colour Schemes**
- **We Manufacture to Order**



For Further Details Call:

 **01628 529024**

 www.alchallis.com

@ info@alchallis.com

WRAS

**APPROVED
PRODUCT**



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DATA

Maximum Temperature	80°c
Minimum Pressure	1.0 bar
Maximum Pressure	12.0 bar
Connections Male	½” BSP
Normal Flow Rates	8 Litre pm @3 bar
Weight	75 g
Length	23cm
Width (Face)	7.4cm

MATERIALS

Body Anti Bacterial Shock Proof ABS Plastic

APPLICATION

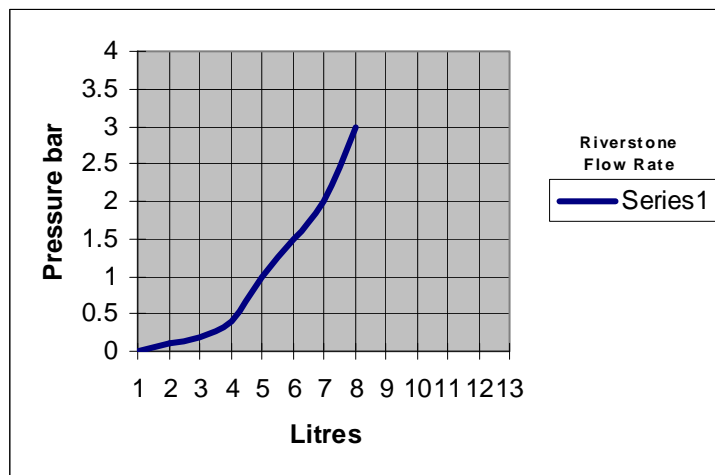
Our water saving showerheads conform to the highest standards and are designed for use in a wide range of applications. Our new patented **Challis Anti-Micro** units particularly suit hospitals, care homes or residential applications that require antibacterial capability along with functionality combined with good looks. **Units not suitable for use with low pressure gravity fed system**

Order Number :Challis 415 Ag+ Colours on request

**Challis Ag+
Anti Bacterial
Water Saving Shower**



- 99% Protection from Bacteria, Virus, Fungi.
- Cut water & energy bills by up to 50% with no loss of performance.
- Anti Scale
- No Moving Parts to Replace
- Robust & Reliable
- 12 month Guarantee
- Easy Clean



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**Worlds First Anti Bacterial Shower
Protection Against:**

**MRSA C-Diff Pseudomonas E-Coli
Legionella and more**



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Our patented units combine safety , sustainability and performance in one shower unit saving money on fuel bills, water bills whilst at the same time providing a last line of defence against some of the most dangerous bacteria's, virus and fungi.

Challis Ag+ Anti Bacterial shower heads can be supplied in a variety of colours and can be branded with your company or organisation logo.

Originally designed with the healthcare market in mind these units are now increasingly in demand within the leisure and hospitality industries which with their distinct and innovative look they are easily recognisable as the Challis Ag+ Antibacterial shower head, ensuring your guests patient and clients know at a glance that their health , well being and safety are your organisations top priority.

With instances of legionella, MRAS and C Diff on the increase how better to show your clients that you care than by installing a

Challis Ag+





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Microbes in our Environment

Bacteria, fungi, moulds and mildews are all present in our every day environment. These microscopic organisms have adapted to colonise and thrive in almost all places on earth. Residual levels of many bacterial strains are of no consequence to human health, in fact they can help build a general level of resistance in our immune system to infection and disease.

So why use Challis Ag+?

Certain microbes are harmful to humans and if left unchecked will proliferate to cause infections and diseases. There is a particular need to control these in sensitive environments such as hospitals where acquired infections including MRSA can prove to be fatal.

Microbes can also be responsible for a wide range of undesirable effects such as product deterioration and discoloration, malodour to name but a few.

- Challis Ag+ provides an extra layer of protection when combined with normal cleaning procedures.
- Cuts water & energy bills by up to 50% with no loss in performance.
- Anti Scale
- No moving parts to replace
- Robust & Reliable
- Reduced Carbon Footprint
- Reduction in spread of healthcare acquired infections
- Protection against cross contamination
- Increased product lifespan and durability
- Resistance to unsightly and unwanted biofilm build up



Efficacy of AntBacterial Additive:

The Challis Ag+ additive dispersions have been externally tested and proven to exhibit reductions in bacterial viable counts by as much as 99.9999% against controls.

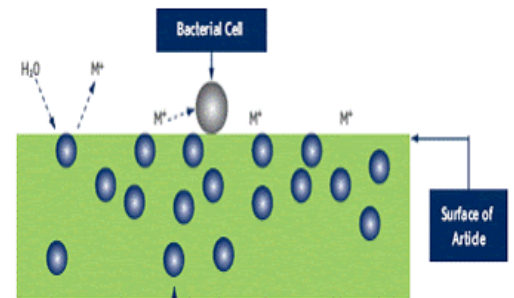


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How Does The Ag+ AntiBacterial System Work

Challis Ag+ units incorporate a silver based antimicrobial additive. Silver has long been established as an excellent biocide however it is the unique nature of the Challis Ag+ microscopic glass delivery system which provides the products superior consistency and longevity of effect.

Residual levels of atmospheric moisture combine with the hydrolytically reactive glass to release the silver ions at the surface of the component.

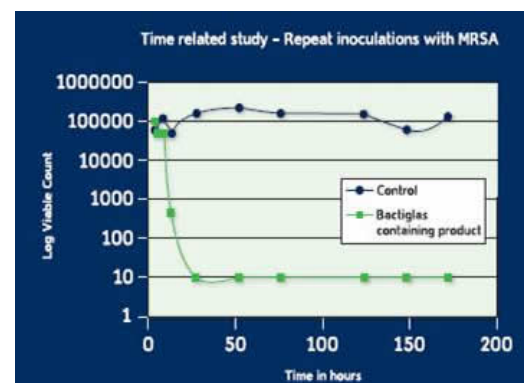


How long will Challis Ag+ be effective for?

Tests have shown that the Challis Ag+ active ingredient continues to work for at least eight years with no reduction in the product's antibacterial performance.

How quickly does it work?

Challis Ag+ works rapidly to reduce the numbers of living bacteria on surfaces. Whilst test methods make it difficult to determine the precise speed of kill, independently gathered results have demonstrated significant reductions in live bacterial cell counts within one hour.



How we test efficacy

Challis Water Controls regularly submit samples manufactured for external testing. The most commonly applied test method is the JIS Z 2801 . This test method is rapidly becoming the most widely used and recognized ISO approved test in the industry.

Regulatory Status

The Challis Ag+ is registered and the active ingredient is approved through the EFSA and FDA as suitable for food contact. It also carries European BPD and US EPA approvals. The active ingredient, which is silver, is generally regarded as safe.

Product Leadership through Experience

The advantages Challis Ag+ has over alternative organic and inorganic systems are derived from the combination of consistent controlled ion release, good resistance to discoloration, excellent persistence of effect and rapid biocidal performance.

Application:

At home in hospital, on holiday, enjoying time at the leisure centre, wherever we shower, we need the security of a safe system. Our new Ag+ shower head offers the technology to ensure peace of mind, sustaining a continuous defence against harmful bacteria.