

ACQUAVIVA

Where Technology & Elegance combine



Single Lever Diverters from Acquaviva Technical Information & Overview



We started manufacturing our diverters back in 1974 and not even one has leaked

The initial Design was developed using Italian Technology .

We further developed the design to allow for the tough Indian conditions

Diverter bodies

All diverters are made ONLY from forged brass rods - not cast (We comply with BS218)
This means that they will NEVER become porous

- our 25 year guarantee is proof.

We know how our diverters stand up to usage with time.
We GUARANTEE the bodies will NEVER develop a leak.



The Diverter mechanism is guaranteed for 2,00,000 operations. The concealed parts are universal to ALL Acquaviva Designs. The diverters are Quality controlled AT EVERY STAGE of production. We ONLY produce push-type diverters

- This is in line with European safety norms
- This is the easiest and safest type to use
- The button is above the valve and not below which makes it easy to operate
- The button lock in the 'divert' position with water pressure. As soon as the valve is closed, it opens back to the default position to prevent unpleasant experiences on next use.





Components & Certifications

All Acquaviva Diverters are fitted with European Cartridges from Hydroplast - Italy .



Founded in 1986, HYDROPLAST , it is well established on the single-control mixer faucet and fitting market because of the reliable product with excellent features.

HYDROPLAST cartridges have been created from original and innovative ideas. HYDROPLAST's strengths lie in its ability to globally manage a product's life: from planning right through to Customer Service.

The techniques & technology used by Hydroplast makes it give a complete satisfaction guarantee to its Customers . All Hydroplast Cartridges have the following Certifications :-

D.M. 174 - ITALY

NSF 61/9 - USA

ACS - FRANCE

WRAS - UK (APPROVED MATERIALS)

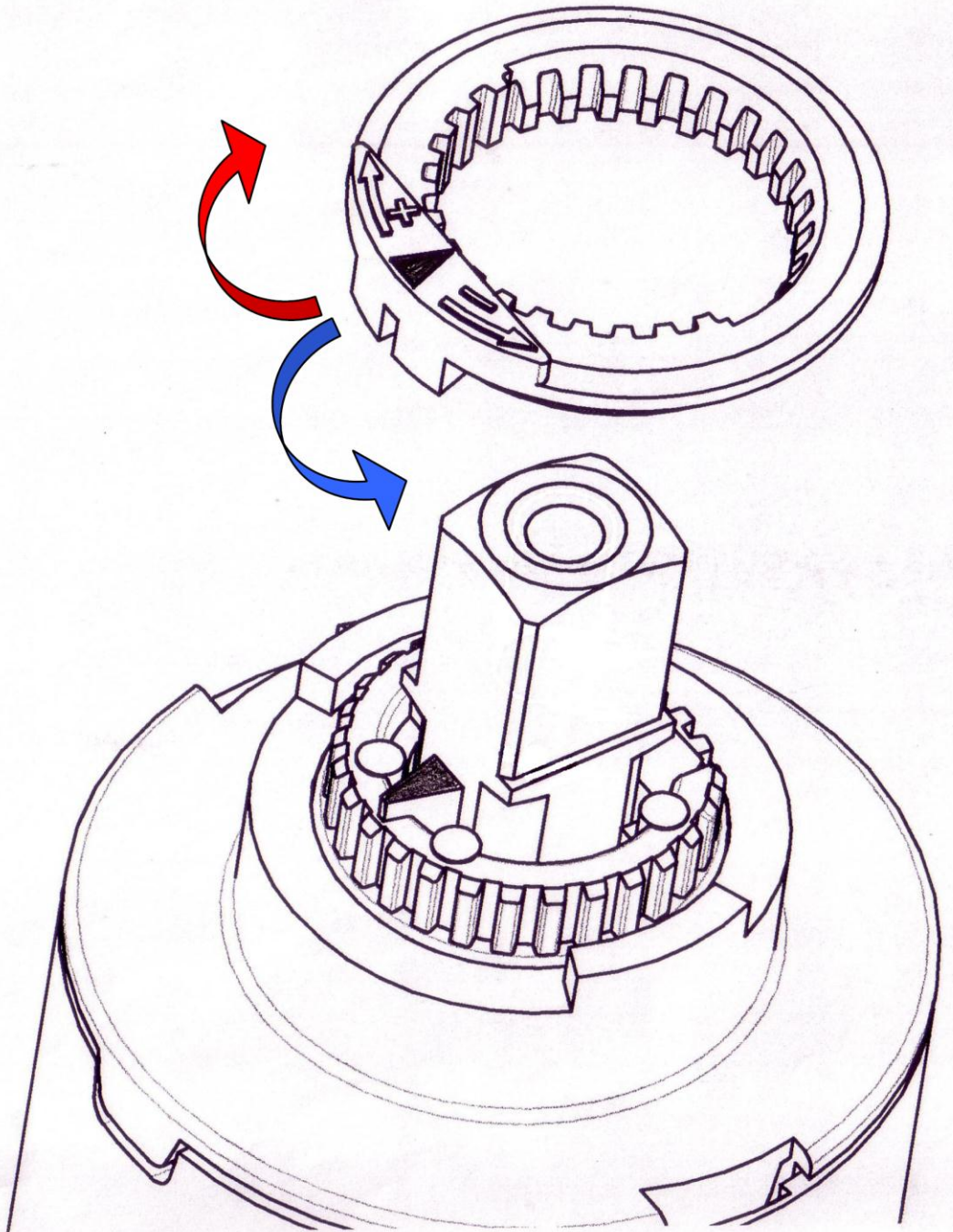
DVGW - GERMANY (APPROVED MATERIALS)



ACS

WRAS

Approved Materials



This system enables the limitation of water temperature. Rotate the ring in the (-) direction to reduce the maximum temperature in the hot water position. Rotate it in the (+) versus to increase the minimum temperature. With a 50° difference between hot and cold water, you get an approximate variation of 7° per each tooth. Obviously by reducing temperature, you also limit the lever rotation range.

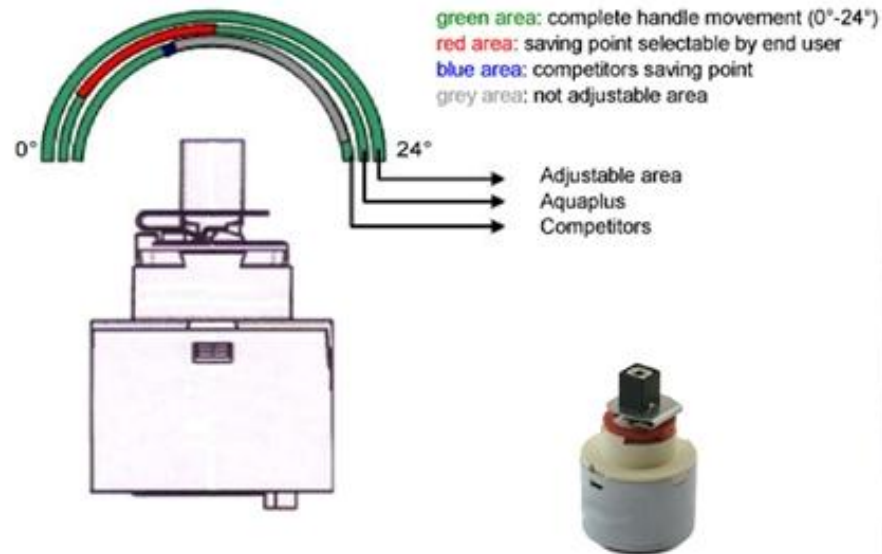
Available Features

Acquaviva Diverters come with many features & Specialities :-
 First & Foremost being “Water Saving Concept”

Unlike other solutions available in the market where the first stop point is set by the valve manufacturer, the WSC device.

Acquaviva enables the user the adjustment of the water saving position. In a sink faucet, supplied at 3 bar pressure, the preset position corresponds to approximately 6,5 l/min.

Through this system you can adjust the stop point between 2,5-9,5 l/min thus meeting any need, including combustible saving, especially in the production of hot water by instantaneous boilers



TWIN BRAKE

Exclusive double brake system for slow closing of the mixing valve. This new product applied to faucets will avoid the dangerous

water hammer that, besides generating annoying noises, also damages faucets and old plumbing systems



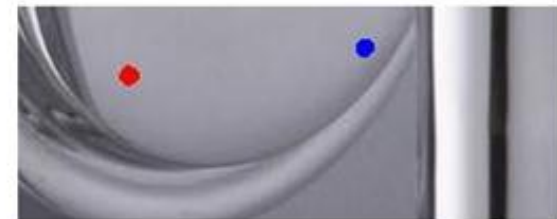
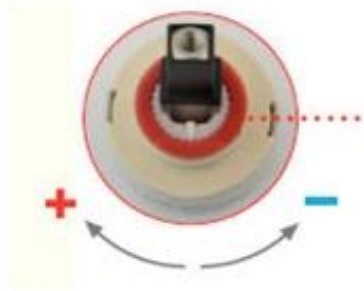
Slow closing

Anti Scalding

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Water Hammer

Water hammer (or, more generally, fluid hammer) is a pressure surge or wave resulting when a fluid (usually a liquid but sometimes also a gas) in motion is forced to stop or change direction suddenly (momentum change).

Water hammer commonly occurs when a valve is closed suddenly at an end of a pipeline system, and a pressure wave propagates in the pipe.

This pressure wave can cause major problems, from noise and vibration to pipe collapse. It is possible to reduce the effects of the water hammer pulses with accumulators and other features.

The Products and Techniques used by Acquaviva minimises the possibilities of water hammer and gives a balanced flow.





Maximum water flow limitation

Acquaviva Diverters have the option to limit the maximum flow, dramatically reducing water consumption.

Perfect for hotels and public places.



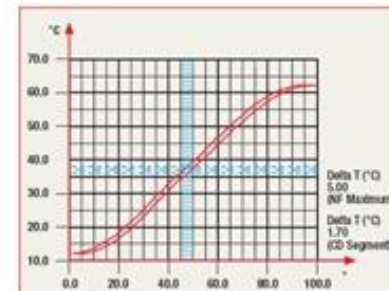
High Pressure Control

Specially designed for the Diverters complying with the French ECAU standard and countries where high pressure withstanding is required.

Severe water shortages in India have given rise to the development of water efficient tapware. Water ratings are given to products to show their water consumption. Acquaviva products are amongst the most water efficient in the world.

Following is a guide to the ratings:

- 6 - Six Star - The Most Water Efficient (Less than 4.5 lpm)**
- 5 - Five Star - Excellent Water Efficiency (4.5 -6.0 lpm)**
- 4 - Four Star - Good Water Efficiency (6.0 to 7.5 lpm)**
- 3 - Three Star - Water Efficient (7.5 to 9.0 lpm)**
- 2 - Stars (No Acquaviva Greens products perform below 3 Stars)**



The nominal flow rate, when tested in line with licensing criteria is more than just a maximum flow rate. In order to guarantee consistent performance a tap or shower must have stable, constant performance at varying pressures.

OEM Supplier

Acquaviva is proud to be the OEM Supplier to major leading International Brands and due to its Stringent Quality Control System we are serving our Customer for the past 25 Years .

Latest Technologies & Techniques are used to meet the International Standards and all our Products are made as per the Customisation required by each of our Client and this gives “Acquaviva” the title of “ Most trusted Supplier “ by most of our Clients .

Acquaviva is supplying to almost 25 Countries in all the Sectors and what has made Acquaviva “The Ruler “ is its extra ordinary ability to provide products as per the requirements / Specifications / Designs provided by the clients .

ACQUAVIVA GmbH



DECINA
BATHROOMWARE



Plating

Triple plating just means electroplating with layers of three different metals. It shows up on all those car sites because a triple plating process is used to apply the highest quality of shiny chrome finish to metal parts.

First layer :- Copper Plating

First, a layer of copper is applied to the unfinished metal part. Copper is soft, so it can be polished to a good finish and, as the heat of polishing is applied, it tends to fill in small pits or gaps in the metal. After the hard copper has been re-polished, the part is plated with a soft acid copper to build up the surface and fill the pits.

Brass Material after First Coat >>>>>>>

Brass Material without Plating

Copper Plating : Thickness - 7 Microns

Second layer :- Nickel Plating

Once the copper shines like a mirror, a layer of a nickel is added, which gives the finished part its color and luster

Nickel Plating : Thickness - 4-5 Microns

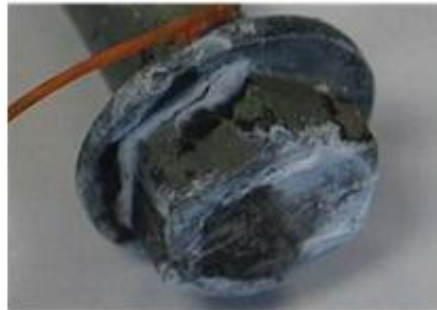
Salt Spray Test

The salt spray test is a standardized test method used to check corrosion resistance of coated samples. Coatings provide corrosion resistance to metallic parts made of steel, zamak or brass. Since coatings can provide a high corrosion resistance through the intended life of the part in use, it is necessary to check corrosion resistance by other means. Salt spray test is an accelerated corrosion test that produces a corrosive attack to the coated samples in order to predict its suitability in use as a protective finish. The appearance of corrosion products (oxides) is evaluated after a period of time. Test duration depends on the corrosion resistance of the coating; the more corrosion resistant the coating is, the longer the period in testing without showing signs of corrosion.

Our Salt Duration - As per ISI - **CASS test** which is known as Copper Accelerated Acetic Spray test which talks about 24 hrs only



a salt spray cabinet



Electroplated and yellow chromated bolt with white corrosion



Zinc flake coated bolt with red rust after testing

After Sale Service & Spare Parts

For all Acquaviva Diverters complete set of Spare parts is available with all its dealers / distributors and 24x7 After Sale service is available to its Customers from the Plumbing Assistance till Insatllation .

C/ Disc Mixer Cartridge
C/ Disc Mixer Cartridge , Open
Bottom Lever Handle Assembly
Bath/Shower Mixer - In Wall Body
Kit Bath/Shower Mixer - Dress Kit
Bath/Shower Mixer with Diverter - In Wall Body
Kit Bath/Shower Mixer with Diverter - Dress Kit
Wall Cover Plate & Seal / Retainer Kit
Flexible Hose Assemblies, Ext. End, Single 'O'ring
(Pr) Flexible Hose Assemblies, Single 'O'Ring Riser Kit
Aerator Housing, G3/8 Chrome Aerator
Insert, 5.0 L/min (G3/8) & 'O'Ring
Diverter Valve Assembly



WHY BUY FROM ACQUAVIVA GROUP ?

- Acquaviva are dedicated to the Project Industry and have experience working with architects & designers.
- Acquaviva give technical support before, during and after sales to ensure the project runs smoothly.
 - Acquaviva provides 24*7 Support to all Customers and has different helpline and team for each Product .
 - We provide online support and assistance to our clients from selection of Products to Plumbing & Fixations .
 - We have in-house interior Designers for each brand .that help selecting and designing Bathrooms for Customers as per their need.
 - Acquaviva has a team of well trained Technicians & Plumbers who are available 24*7 for the customers .
 - If some modifications required by the customer we have capable and efficient employees who can make these modifications in our factory .
 - Customization of Products is the specialty of Acquaviva for the past several years and this is all because of the capable hands of our Plumbing and technical team headed by an IIT Technocrat - Mr. Gupta.
 - Another major benefit Acquaviva offers to its Clients is a Display of their Products in our Showroom which gives a realistic feel and also line demos help architects, prootors and designers to see the product and know how before investing in buying a product.

ITC / ITC WELCOME GROUP

This is to confirm that we have been using Acquaviva Manufactured faucets customized to the requirement of the designer.

We are pleased to confirm that the products have performed to the entire satisfaction. The following of the group hotels have Acquaviva products.

1. ITC Maurya, New Delhi
2. ITC Maratha, Mumbai
3. ITC Grand Central, Mumbai
4. ITC Mughal, Agra
5. ITC Kakatiya, Hyderabad
6. ITC Sonar Bangla, Kolkata
7. ITC Windsor, Bangalore
8. Sheraton Chola, Chennai
9. Sheraton Rajputana, Jaipur
10. WelcomHotel Vadodara
11. ITC CGR
12. ITC Grand Chola - Chennai

We must comment on the excellent technical expertise of the Group and for the after sales service provided.



ITC Limited (Hotel Division –Headquarters)
ITC Green Centre
10, Institutional Area, Sector 32, Gurgaon -122001,
Haryana, India
Tel.: 91-124-417 1717, Fax: 91-124-417-2222
Website: www.itcwelcomgroup.in



ITC-WELCOMGROUP
Hotels, Palaces and resorts

Registered Office: Virginia House,
37 J. L. Nehru Road, Kolkata - 700071, India Ph: +91-33-22889371
FMCC & TOBACCO • HOTELS • PAPERBOARDS & PACKAGING • AGRI- BUSINESS
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We Thank you for Choosing Acquaviva as
your Partner that Guarantees you
“ One time Buy & Lifetime Satisfaction ”

Thank You

Varun Gupta