

### **New Viega products 2015**

### ALL NEW PRODUCTS AT A GLANCE.





### DRINKING WATER HYGIENE

4 AguaV

Hygiene-Assistant with Viega Hygiene+ monitoring function







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### What does AquaVip mean?

"Aqua", that means water. And "Vip" stands for "Viega Intelligent Protection". From the combination of these two words comes a term that Viega will use in the future to represent everything to do with the preservation of drinking water hygiene.

#### What does it means for you?

In principle, nothing is changing for you. AquaVip is not a new product or range. It is more of an umbrella term for all products, seminars and services dealing with the subject of drinking water. So for you, it is a focus point, which concentrates all information and appeals to everyone – whether you're a planner, technician, architect or operator. In the future, when you see a reference to AquaVip from Viega, you can be sure that the preservation of drinking water hygiene is behind it.



# DRINKING WATER HYGIENE HAS A NEW NAME: AquaVip.

### Systems and products

- economic and innovative system solutions
   press systems suitable for drinking water
   made from high-quality materials such as
   stainless steel, copper, gunmetal and plastic
- flow-optimised piping systems
- products with Viega Hygiene+ function

### Knowledge transfer

- seminars
- symposiums
- viegajournalapplication specific technical documents
- Viega website

### Service and consultation

- field staff
- hotline
- Viptool software packages
- information brochures









carry out water exchange process or no measures required. Critical piping sections are quickly recognised and localised with the Hygiene-Assistant. Any remedial actions and samples can be implemented in a focussed and economic way. With all its strengths, the Hygiene-Assistant is predestined for use in properties with unknown user behaviour.

The Hygiene-Assistant is predestined for use in buildings, in which the drinking water installation is used mainly by third parties, e.g. guests or patients, meaning compliance of operations cannot be assumed – such as in hotels, care homes, schools, barracks and hospitals.

### The technology

- assistant for simple monitoring and visualisation of use and temperature of individual piping sections of the drinking water installation
- display with understandable symbols, measured states are highlighted using the traffic light principle
- special multi-functional sensors concealed (fig. 1) or flush mounted (fig. 2) measure the parameters of individual cold and hot water piping sections that are relevant for the drinking water hygiene
- connection to building automation systems through integrated, potential-free contact is possible, choice of notification when usage exceeds 3 or 7 days
- operation through mains adapter or battery
- available in black and white

### The advantages

- automatic logging of measured values of the hygiene-relevant parameters and display at a glance
- intuitively understandable due to simple symbols and traffic light principle
- quick identification of problematic piping sections and focussing of the sample extraction
- reduction of the operating costs through demand-controlled water exchange



## ALWAYS KEEPING AN EYE ON ORINKING WATER HYGIENE.

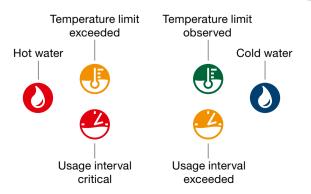


Multi fuctional sensor for concealed installation.



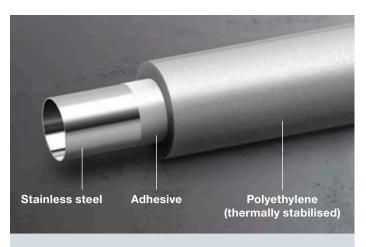


The display of the Hygiene-Assistant is available in black and white.



Temperature and usage display for cold and hot water pipes are structured using the traffic light principle (green, orange, red).





The ultra-stable stainless steel Inliner is encased in a flexible external coating.



The Raxinox pipe is available blank, in a corrugated pipe and in 9 mm or 13 mm insulation.



The Viega SC-Contur immediately highlights any inadvertently unpressed connections.

- highly stable stainless steel inliner
- standard conformant pre-insulated pipes
- stainless steel connector with minimal cross section constrictions
- tried-and-tested raxial press technology without sealing element
- pressing with the existing press tools for raxial press technology

#### The advantages

- all surfaces that come into contact with the media throughout the pipe are made of stainless steel
- can be laid quickly and easily straight from the roll
- saves a lot of connectors as the pipe can be bent by hand
- cost-effective up to the last tapping point
- insertion depth is checked through the inspection window on the connector
- can be easily cut using the Raxinox shears makes pipe cutter superfluous
- simple transport and comfortable handling
- Viega SC-Contur in all Raxinox connectors



## MAKES STAINLESS STEEL BENDABLE BY HAND.





Cut pipe to length using the Raxinox pipe shears.



Position the connector. Check insertion depth in the inspection window.



Round off the cut edge.



Press - finished!





Moulded parts such as elbows and T-pieces have flowoptimised internal radiuses due to an innovative moulding procedure.

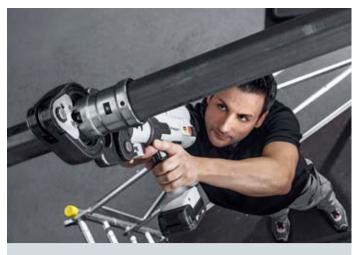


Viega Raxinox double wall panels for easy installation of series and circular pipes.



The tried-and-tested raxial pressing guarantees a homogeneous and secure connection.





Quick, simple and safe assembly without any welding.



Viega Megapress for heating, cooling and industrial systems.



Like all Viega press systems, Megapress also has the tried-and-tested Viega SC-Contur that immediately highlights any inadvertently unpressed connections.

- first press technology for thick-walled steel pipes in heating, cooling and industrial systems
- pipe-moulded press connectors made from 1.0308 steel with zinc-nickel
- for pipe dimensions of ½", ¾", 1", 1 ¼", 1 ½" and 2"
- simple pressing of all six Megapress dimensions with the Viega Pressgun 5 and its preceding models
- NEW: Megapress press jaws and press rings with hinted press jaws for the Pressgun Picco to press dimensions of 1/2" and 3/4"

### The advantages

- time saving of up to 60 % in comparison with welded connections
- one connector for many different types of pipe
- lasting connections made in seconds
- no welding, no fire watch, no cooling process
- less physical exertion as no unwieldy welding equipment is needed
- perfect for renovations and maintenance
- Viega SC-Contour in all Megapress connectors

# SAVES ASSEMBLY TIME, LABOUR COSTS AND LOTS OF WELDING.





Cut steel pipe to length and clean, mark insertion depth and fit connector up to the marking on the pipe.



Position the press jaws or press ring with hinted press jaws around the connector.



Press - finished!





With the new Megapress press jaws and rings with hinged press jaws, the Pressgun Picco can now press thick-walled steel pipes – in dimensions of ½" and ¾".

- a conventional drill, a Viega press tool and the adequate tool set are needed for the installation
- the tool set contains a holding device, drill shaft and press tool insert in the practical case
- the press-in connection is suitable for steel pipes in accordance with DIN EN 10220/10255 and is available for steel pipe dimensions of 1 ½", 2, 2 ½", 3", 4", 5" and 6"
- equipped with an ¾" internal thread; a reducer for a ½" internal thread is also available
- made from robust steel with zinc-nickel coating, reducer made of gunmetal



- up to 80 % quicker than welding a connection
- no welding, no fire watch, no smoke emissions
- 100 % leak-proof with integrated profile sealing element
- any residual water that flows into the pipe is no problem with press technology
- no cutting of the entire pipe, just drilling
- direct suction of any chippings by attaching an industrial vacuum cleaner to the holding device
- reduction of operational downtimes and costs to a minimum
- space saving due to small dimensions
- simple work, even in hard-to-access places
- unpressed connections are visible with the Viega SC-Contur



Tighten the holding device firmly around the steel pipe to guide the drill shaft.



Drill using the drill shaft and a conventional drill, then remove the holding device.



Press the press-in connection into the pipe with the press machine and press insert.





- design adapted to Pressgun 5
- TÜV-approved safety technology
- for metallic piping systems in the dimensions 12 to 35 mm, for plastic piping systems from 12 to 40 mm
- NEW: for Megapress steel pipe connectors from 1/2" to 3/4"

#### The advantages

- integrated illumination of the press points
- optional use of battery or mains adaptor
- long maintenance lithium ion battery with 18 V/2.0 Ah





### VIEGA PRESS JAWS PICCO WITH ONE-HAND SNAP ACTION FUNCTION

The Picco press jaws with one-hand snap action function are available for all metallic Viega pipe systems (except Megapress) and allow real one-hand operation throughout the entire press procedure. This increases the work and design security once again.



Once opened, the press jaws are kept open by a spring.



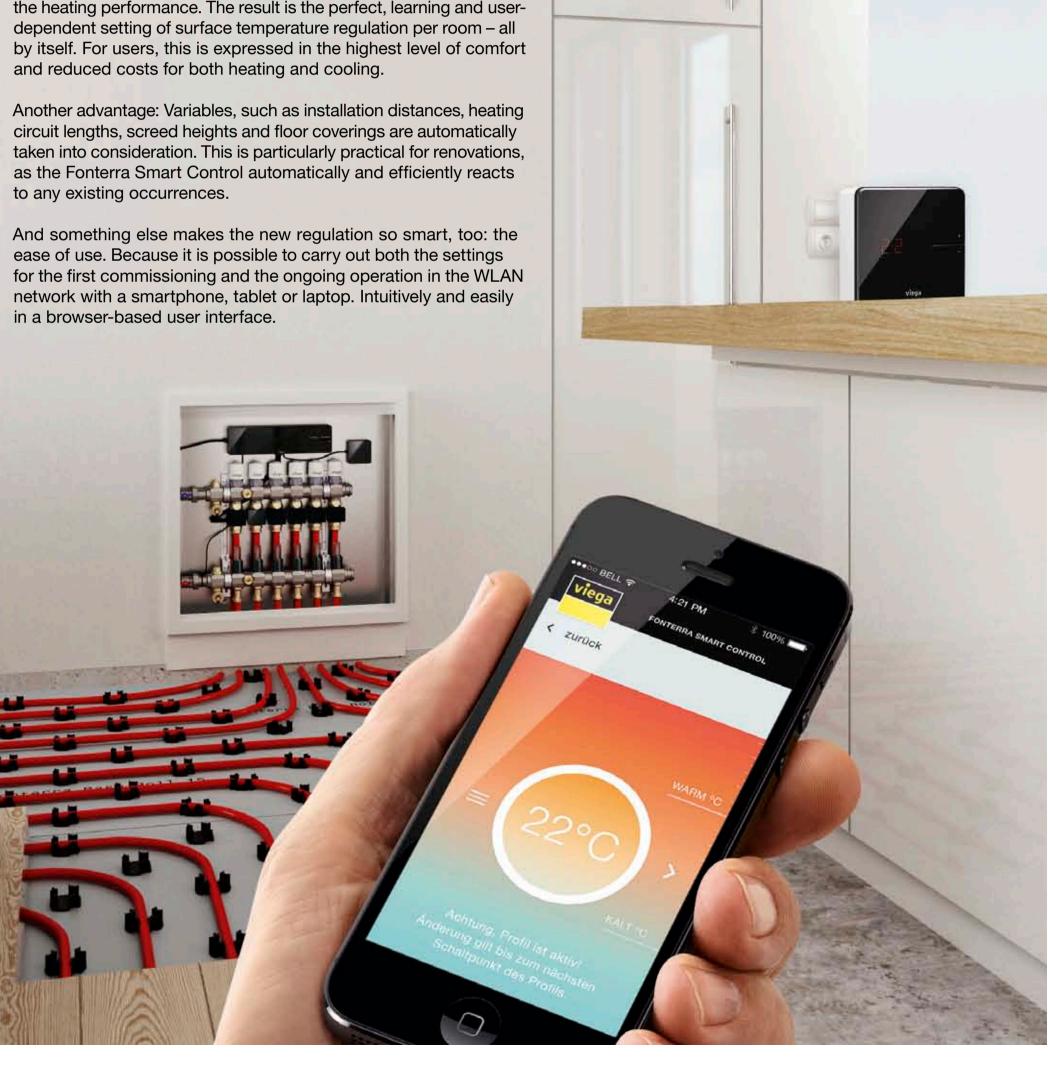
This means that you have a hand free to align or fix the installation when applying the press jaws.



The press jaws close automatically when the start switch is pressed once. The press procedure is carried out when the switch is pressed again.

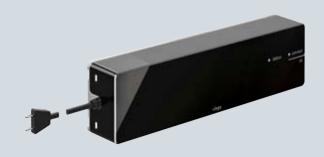
### VIEGA FONTERRA SMART CONTROL

Fonterra Smart Control is a completely new type of individual room controller for surface temperature regulation. The innovative regulation sets up individual heating circuits dynamically and in a fully automated way. To do this, it measures both the supply temperature at the distributor and the current room temperatures as well as the return temperature of each individual heating circuit. Resulting from these measurements, it automatically carries out an ongoing, dynamic, hydraulic compensation. As a result, Fonterra Smart Control reacts automatically to all temperature influences (e. g. through ventilation, chimney, sun) and prevents these having an effect on the heating performance. The result is the perfect, learning and user-dependent setting of surface temperature regulation per room – all by itself. For users, this is expressed in the highest level of comfort and reduced costs for both heating and cooling.





Actuator modules are inserted at the temperature measuring points and connected with one another and the base unit using a broadband cable.



The intelligent base unit communicates with room thermostats and actuator modules.





The highly sensitive room thermostat reacts to the slightest deviations in temperature (available in black and white).

### The technology

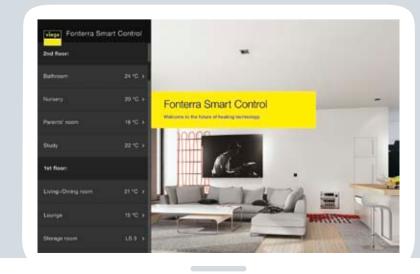
- intelligent regulation for all surface heating and cooling systems
- dynamic, hydraulic compensation, through continual evaluation of supply, room and return temperature for each heating circuit
- ultra-sensitive room thermostats observe the slightest temperature differences
- "Plug and Play" principle through pre-assembled plug-in connector
- actuator modules allocate the heating circuits to the relevant rooms
- the analysis of measurements prevents any overshooting of the room temperature when reaching the target temperature
- analysis of the necessary supply temperature to optimise the heating curve
- preservation of floor temperature even with external heat influence
- operation with smartphone, tablet, laptop or using building control system
- can be retrofitted at any time for all heating circuit distributors with valve insert M30 x 1.5 and Eurocone connection

### The advantages

- planning and operational safety through dynamic, hydraulic compensation: irrespective of installation distances, heating circuit lengths, screed heights, floor coverings, external temperatures or external heat influences
- considerable time saving when assembling and commissioning due to "Plug and Play" principle and automatic hydraulic compensation
- maximum comfort through preservation of floor temperature, even with external heat influence
- short reaction times due to no complete deactivation
- up to 20 % energy cost saving through rapid recognition of temperature changes and optimisation recommendation
- simple and intuitive operation by technicians and end consumers in WLAN network through browser-based user interface
- rapid heating possible thanks to definition of prioritiesed rooms and determination of user dependant heating profiles
- Set-up of output stages for secondary rooms without room thermostat
- absence mode and anticipated return time can be set

## THIS SYSTEM KNOWS HOW TO CONTROL ITSELF.





Smart operation:
Simple set-up and operation using browser-based user interface and creation of individual heating profiles with various comfort functions.

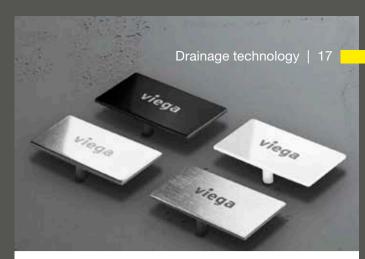




The low installation depth enables installation in a lightweight construction wall...



...as well as in or on a solid wall.



Colour variations: matt stainless steel, gloss stainless steel, black and white.

- super-flat wall installation depth of just 25 mm
- can be used in and on solid walls as well as in lightweight construction and pre-wall structures
- can be cut to length precisely, from 300 mm to 1,200 mm
- available in two designs, as a standard or sanitary drain with a construction height of just 70 mm
- extremely narrow drainage slot of just 20 mm, can be used with a grate
- with sealant accessories and tiler's set for cross-sector collaboration of fitter and tiler
- for wall and floor coverings of up to 28 mm in thickness without any accessories

### The advantages

- versatile uses, even in small sanitary rooms, due to extremely low wall installation depth and variable installation length
- standardised installation of flooring up to wall without any inclines needing to be cut in
- hygienic and easy to clean, due to smooth-walled base plate without dead space
- harmonious in any bathroom design due to reduced design of grate and cover plate in four colours
- particularly elegant, flat water flow over the entire width of the drain

### ONLY 2.5 CENTIMETRES WALL INSTALLATION DEPTH AND MILLIMETRE-PRECISE INDIVIDUALITY



Shorten the channel base unit with a hacksaw and the cutting aid, deburr cut surfaces, apply sealing caps and screw tight.



Thanks to the height-adjustability of the tiling aid, the drainage slot can be set to exactly 20 mm.



After tiling and grouting, the standing grate and cover panel are mounted.

### VIEGA MULTIPLEX TRIO

After the optimisation of the Multiplex drain fittings, Viega has now reduced the Multiplex Trio range to one functional unit and combined the best technical properties with award-winning design. With an installation depth of just 33 mm, the Multiplex Trio is also suitable for modern bathtubs with particularly narrow rims.

### The technology

- one functional unit fit all three design equipment sets
   Visign MT 3, MT 5 and MT 9
- only 33 mm installation depth
- the overflow pipe can be bent by up to 40°
- Bowden wires with optimal anti-kink protection
- 8% higher drainage capacity

- simple choice of design: one functional unit for all equipment sets
- award-winning design
- extremely flat construction of the equipment sets Visign MT 3 and MT 5
- additional function of water level riser with the equipment set Visign MT 9
- water jet angle can be set to individual slope of the bathtub rim
- due to the low installation depth, suitable for nearly every bathtub type –
   even those with particularly small rims





fits all Multiplex or Multiplex Trio functional units from the 2015 model year

WATER LEVEL RISER

The new Multiplex drainage and overflow fittings with Visign M 9 and the Multiplex Trio drainage, overflow and inlet fittings with Visign MT 9 are not just impressive

movement, the maximum water level in the bathtub can be increased by 50 mm.

with their design. Their innovative overflow increase is also remarkable. With a single

- when the designer rosette is pressed, the lower edge of the overflow closes, water then only flows over the upper edge
- a slight tug on the actuating unit lowers the water level back to the normal level
- in all cases, the secure overflow function is unchanged

- raising of the water level by 50 mm
- increased comfort
- appealing design



Reduced, straight-lined and closed design.



Fitting open: The water flows out at the lower edge.

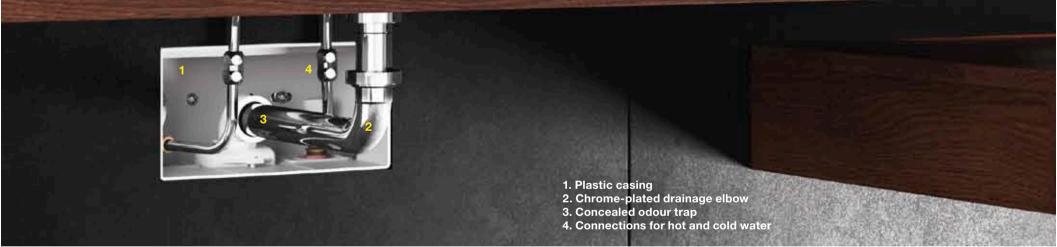


Fitting closed: The water flows out of the upper edge and the water level rises by 50 mm.  $\,$ 









- all washbasin connections integrated: corner regulating valve for hot and cold water, concealed odour trap, connection to wastewater pipe,
- cable inlet (e.g. for power connection of contactless fittings)
- integrated line connection possible
- can be used as an individual component in wet construction and pre-fabricated in Steptec or Viega Eco Plus pre-wall constructions
- pre-installed connection for DN 40 and DN 50 wastewater pipes

- available for Steptec, Viega Eco Plus and Viega Mono designs
- more free space beneath the washbasin due to space-saving concealed odour trap and concealed connections
- elegant, reduced design
- option to underpin and position the washbasin
- easy cleaning
- chrome-plated drainage elbow and cover panel









- actuation of the raising and lowering function at the touch of a button
- secure fixing of the washbasin to the desired height
- suitable for many different washbasin ceramics
- integrated concealed connection box

- individual height adjustment of the washbasin
- all the technology is hidden behind a high-quality glass panel
- reliable function carried out by mechanical actuation
- actuating button can always be reached through the glass cover due to selectable position
- comfort in appealing









- the element can be configured using the enclosed accessories to any connection situation
- prepared water connection for cistern and shower-WC
- connections for water and electricity are accessible behind the glass cover panel

- can be used universally for a wide range of shower-WCs and shower-WC attachments
- shower-WC can also be retrofitted
- all connections are hidden behind the glass panel
- appealing glass cover panel in clear/light-grey



- actuating panels made from high-quality plastic
- manual actuation
- can be fitted on tiles or flush to the tiles

### The advantages

- individual design leeway in white, black, pergamon, chrome-plated, matt and stainless steel colours
- appealing design with good price-performance ratio







The new urinal actuating panels, e.g. available in alpine white, chrome-plated or black.



The new WC actuating panels in black.



## VIEGA ACTUATING PANEL CONFIGURATOR

With the Viega actuating panel configurator, you will find the right actuating panel for your bathroom design in just a few clicks and can even view this in your own installation – so you will satisfy even the highest customer demands.

Operation is easy and intuitive. All WC and urinal actuating panels are stored in the configurator. For anyone who is looking for a specific material or flush technology, the actuating panel selection can quickly be restricted using a filter function. Single-colour backgrounds and tiles, which can be adapted in colour and size, are used to help visualise the installation. Even the colour of the joints and the joint width can be individually adapted. If you want it to be even more unique, simply import a photo of the bathroom in question. When the right actuating panel is found, you will get an overview of the created configuration and can also display the materials list for the order immediately – always with a pre-wall element to match your configuration, of course.



Thanks to the intuitive operation, you will find the right actuating panel in just a few clicks.



Scan the QR code and try the configurator now – or access it in your browser at viega.com/flushplates



Leipzig, Messe 22.04.2015 Munich, Messe 29.04.2015 Nuremberg, Arena 06.05.2015 Salzburg, Arena 12.05.2015

Stuttgart, H.-M.-Schleyer-Halle 21.05.2015 Hamburg, Messe 03.06.2015 Cologne, Lanxess Arena 10.06.2015

viega.de/Roadshow

### Be there and experience it live

The Roadshow is just around the corner and Viega is making its way to you. What is there to see there? There will be any number of new products from ISH, current discussion topics from the sector and sensational show with intoxicating atmosphere that will thrill and delight you. Most certainly an unforgettable evening and experience you should not miss – that is the Viega experience. The best thing to do is to find the most suitable date and location and register for the Roadshow 2015 online. The Viega Experience show will be prensented in German.

