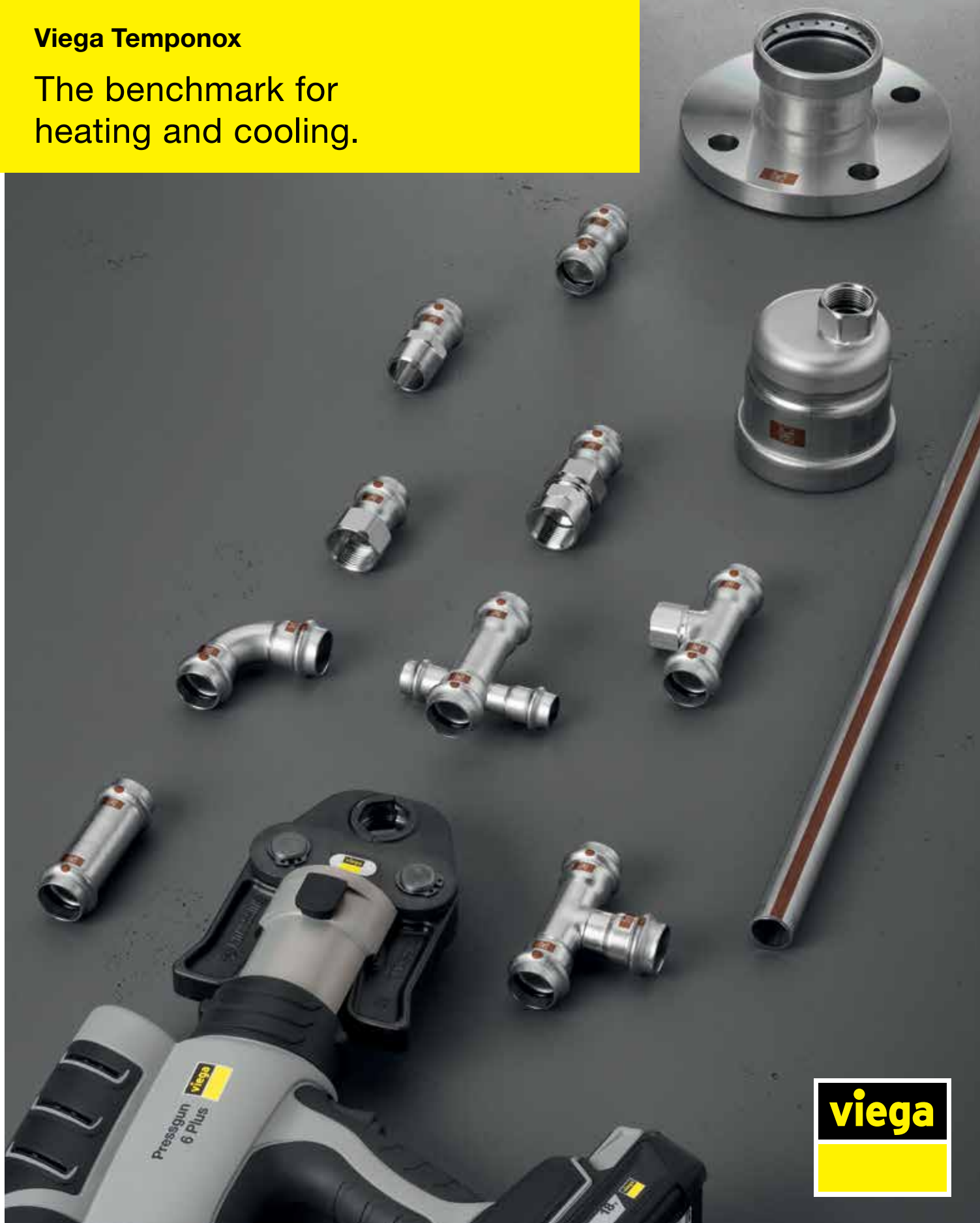


## Viega Temponox

The benchmark for heating and cooling.

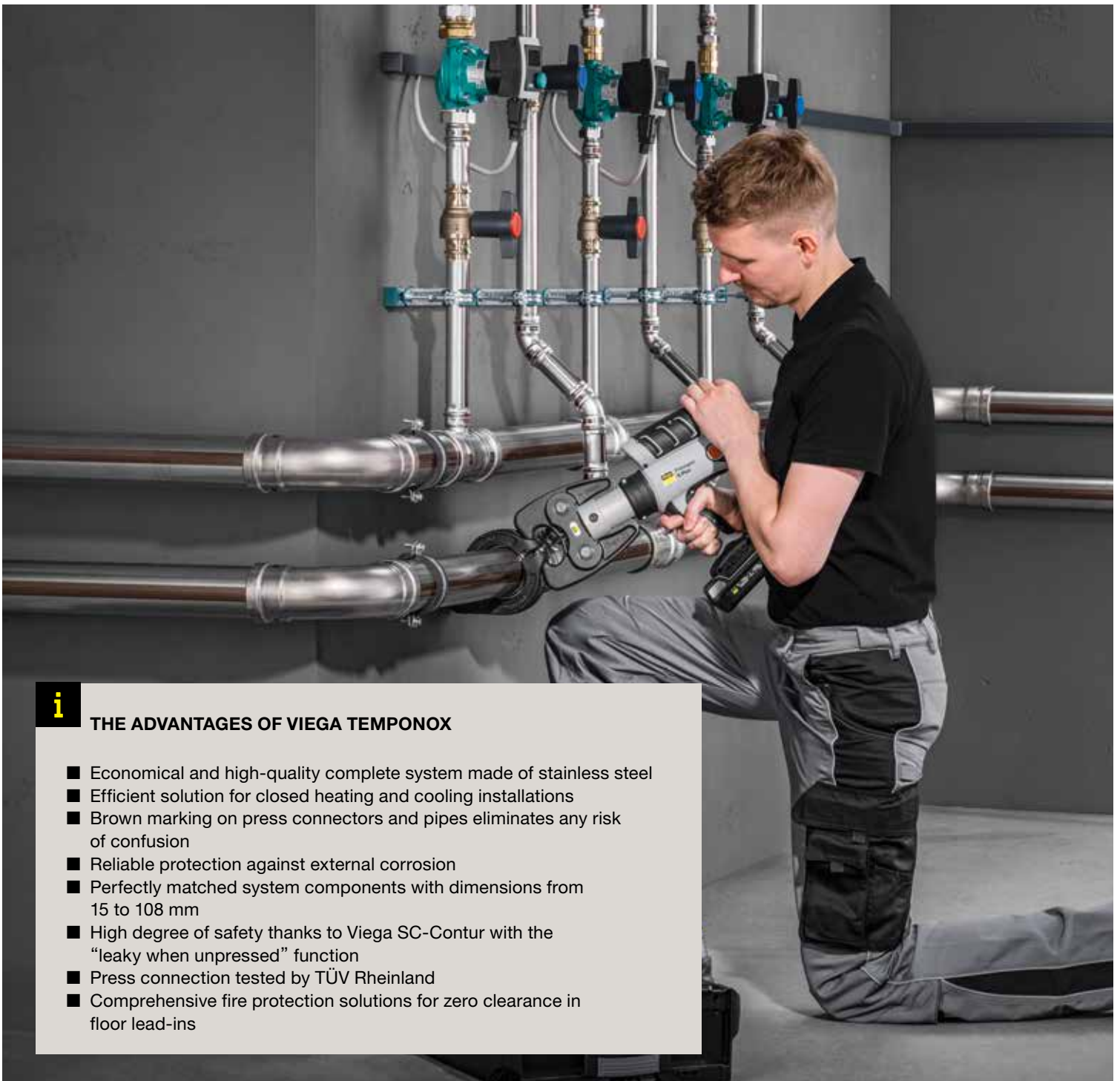


**viega**

## Viega Temponox

# SYSTEMATIC CORROSION-FREE HEATING AND COOLING.

Combining the best characteristics of different systems produces an optimum solution. Just like the Viega Temponox stainless steel system. It offers the perfect symbiosis of corrosion-resistant quality and economic efficiency for integrally and reliably meeting the different requirements of closed heating and cooling installations in a new system. Naturally with the typical press connecting technology of Viega.



### i

#### THE ADVANTAGES OF VIEGA TEMPONOX

- Economical and high-quality complete system made of stainless steel
- Efficient solution for closed heating and cooling installations
- Brown marking on press connectors and pipes eliminates any risk of confusion
- Reliable protection against external corrosion
- Perfectly matched system components with dimensions from 15 to 108 mm
- High degree of safety thanks to Viega SC-Contur with the “leaky when unpressed” function
- Press connection tested by TÜV Rheinland
- Comprehensive fire protection solutions for zero clearance in floor lead-ins

With Temponox, Viega offers a reliable system solution for heating and cooling.



#### **Complete system made of stainless steel**

The optimum choice of material is the decisive factor for a uniform and above all efficient solution for closed heating and cooling installations. The Viega Temponox system is made entirely of stainless steel and reliably meets the demands of a wide range of temperature levels on pipelines and connecting elements. The stainless steel material prevents the risk of corrosion resulting from moisture and reliably protects the system – from the time of storage through transport and up to the area of application.

#### **Reliable protection against external corrosion**

Since stainless steel is reliably protected against external corrosion by its special material properties, it offers an optimum solution for various applications. For example, cleaning water residue that runs from the radiator connections into the floor when the floor is cleaned cannot harm the material. Even in the case of possible condensate formation in connection with closed cooling circuits, there is no need for additional costly protection measures. These characteristics make Temponox an especially economical solution for modern heating and cooling.

#### **Tried-and-tested quality in the new system**

One important component of the new Temponox system should already be very familiar to Viega customers: The industrial pipe Inox 1.4520. Since it is ideally suited for heating and cooling, we have decided to integrate it into our system world under the new name “Temponox pipe 1.4520”.



More information can be found at:  
[viega.com/Temponox](http://viega.com/Temponox)



## Viega Temponox

# UNCOMPLICATED AND EFFICIENT CONNECTION TECHNOLOGY.

The diverse individual components of the Temponox system, which are available in dimensions from 15 to 108 mm, can be cold-pressed using the tried and tested Viega pressing technology. The result is a tight connection that can be fully loaded at once. Unlike welding, pressing is also possible in inaccessible places and comparatively easy to use. The system elements can be joined together in less than 20 seconds, which corresponds to installation time savings of up to 80%.



The double pressing ensures a reliable connection at the push of a button.

### **Economy and safety**

Especially in times when skilled labour is in short supply, press technology contributes to an efficient use of existing resources. The elimination of otherwise necessary subsequent trades not only saves time and money but also increases safety. Possible damage incurred by third parties can be ruled out. In addition, the pressing itself is less prone to errors than conventional welding, which makes the process a safe, economical and durable solution.

### **Long-term performance thanks to double pressing**

During work with Viega pressing tools, two pressing operations are carried out at the same time in a single operation – one in front of the bead and one behind it. This creates a permanently torsion-proof connection. A further advantage of the connectors is that their high-quality sealing element is optimally protected against damage thanks to a cylindrical pipe guide.

### **Central leakage test with SC-Contur**

Absolute reliability of the Temponox system is also ensured by a unique safety factor: the proven Viega SC-Contur. With its help, inadvertently unpressed connection points can be immediately detected and subsequently pressed. There is no need for a time-consuming visual inspection, and the amount of work and the risk are reduced to a minimum.



Unpressed points are detected immediately thanks to the Viega SC-Contur.

## Viega Temponox

# CLEARLY RECOGNIZABLE AT FIRST GLANCE.

Viega Temponox is not suitable for drinking and fresh water applications. In order to be able to guarantee safe handling in everyday use, each system element therefore has a clearly recognizable brown marking. This reliably prevents confusion with components from other systems. For further differentiation, the connectors are successively given an additional marking on the press connections.



Not approved for drinking and fresh water applications. Easy to see thanks to marking.

Additional marking at four places of each press connection.

**Certified quality**

Our clear commitment to production in Germany plays a significant role in ensuring the high quality of the Temponox system. In-house research and development enables us to maintain and monitor the very highest standards. We are entirely convinced of the quality of our products and have the press connection subjected to independent testing by TÜV Rheinland on a voluntary basis.

**One manufacturer supplies all**

Temponox is part of a larger portfolio. Viega offers a comprehensive range of products that are all perfectly coordinated with each other – when it comes to the system as such as well as the used materials. This means that our customers can order complete solutions from us, safe in the knowledge that all items fit together during installation. Sub-system interfaces not only match each other perfectly but can also be connected fast and easily.

**Inventory and delivery guarantee**

With its own logistics facilities, Viega sets sector standards in terms of product availability and service provision. The logistics facility is not just impressively large – thanks to intelligent data processing routines, it is also currently one of the most modern of our times. Viega customers can rely on a fast, on-time delivery of systems and spare parts at all times and appreciate the eye-level service and support.



The company-owned logistics stands for on-time deliveries.



More than 17,000 product range items and spare parts are always in stock and thus available to Viega customers at any time.

## Viega Pressguns

# INTELLIGENT PRESS TECHNOLOGY THAT IS SETTING NEW STANDARDS.

Maximum endurance thanks to brand new battery technology, optimised handling even in confined spaces and with tailor-made accessories for every application: the new Viega Pressguns are impressive in every respect and make the pressing process easier than ever before, no matter what the pipe dimensions.



### i

#### THE VIEGA SYSTEM CASE

- New case system, compatible with commercially available case and vehicle systems (Sortimo)
- Individual cases can be combined (including trolley option)
- Standardised case bodies with individual inserts for maximum future-proofing
- Straightforward handling and maximum flexibility due to separation of Pressgun and press jaws
- Extremely robust, splash-proof design
- Loading capacity per case: 25 kg
- Find out more: [viega.com/SystemCases](http://viega.com/SystemCases)



**Secure storage for all Viega press tools:**  
The Viega system cases offer maximum flexibility with separate cases for Pressguns and press jaws.



### 1. The Pressgun 6 Plus

- For metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm.
- Pressing force 32 kN, pressing time approx. 4 sec., weight approx. 3.2 kg
- With Pressgun Press Booster for Megapress XL steel pipe connectors in the pipe dimensions 2½, 3 and 4 inch
- Smart connectivity with the Viega Tool Services app via Bluetooth®
- Infinitely rotatable press jaw fixture
- Two LEDs ensure optimised illumination of the pressing point
- Up to 35% more pressings thanks to new battery technology and optimised, more efficient components
- Servicing interval 40,000 pressings/4 years, automatic safety shutdown after 42,000 pressings
- Built-in attachment points for carrying strap or balancer

### 2. The Pressgun Picco 6 Plus

- For metal press connector systems in the pipe dimensions 12 to 35 mm, for Megapress steel pipe connectors from ¾ to ¾ inch and for plastic piping systems from 12 to 40 mm.
- Pressing force 24 kN, pressing time under 4 sec., weight approx. 1.6 kg
- Smart connectivity with the Viega Tool Services app via Bluetooth®
- The compact inline design enables one-hand operation
- New 12 V battery system with improved endurance
- Servicing interval 40,000 pressings/4 years, automatic safety shutdown after 42,000 pressings

### 3. The Pressgun 6 and Pressgun Picco 6

- Pressgun 6 for metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm. Pressing force 32 kN, pressing time approx. 5.5 sec, weight approx. 3.6 kg
- Pressgun Picco 6 for metal press connector systems in the pipe dimensions 12 to 35 mm, for Megapress steel pipe connectors from ¾ to ¾ inch and for plastic piping systems from 12 to 40 mm. Pressing force 24 kN, pressing time approx. 4.5 sec., weight approx. 2.6 kg
- Press jaw fixture rotatable through 270°
- Built-in attachment points for carrying strap or balancer

### 4. The Pressgun 6 B

- For metal press connector systems in the pipe dimensions 12 to 108 mm, for Megapress steel pipe connectors from ¾ to 2 inch and for plastic piping systems from 12 to 63 mm. Pressing force 32 kN, pressing time approx. 5 sec, weight approx. 3 kg
- Press jaw fixture rotatable through 180°
- Ideal for high and low temperatures thanks to battery-free mains operation
- Servicing interval every 2 years, with no limit on the number of pressing operations



Enables pressing of thick-walled steel up to 4 inch: the Pressgun Press Booster.



### CLEVER: THE VIEGA TOOL SERVICES APP

The Viega Tool Services app allows users to control the Viega Pressgun 6 Plus and Pressgun Picco 6 Plus interactively. Once the smart Viega Pressguns have been registered and connected to the app on the user's smartphone via Bluetooth®, their operating state can be read out at any time. The battery status can be viewed on the app, along with the number of pressings. In addition, advanced functions can be used to set up the device.



Download the new Viega Tool Services app now.



For more information on Viega Pressguns, press jaws and the matching accessories: [viega.com/SystemPressTools](http://viega.com/SystemPressTools)

## Viega Temponox

# THE PRODUCT RANGE.

The overview below shows many of the numerous Viega Temponox products, demonstrating the system's wide product range and versatility. The indicated number is the model number. It describes the type of connectors and components. More detailed information is available from the model number index in the product catalogue.

● Temponox – Heating/Cooling (EPDM)





● 1714.2



● 1715



● 1715XL



● 1715.5



● 1715.5XL



● 1715.1



● 1715.1XL



● 1760



● 1762



● 1765



● 1763



● 1756



● 1756XL



● 1759



● 1759XL



● 1759.1



● 1759.1XL



● 1748

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