Absolute perfection in any situation

Invigorating shower experiences

MAKE IT WONDERFUL
Our priority is sustainability, clean lines and economic efficiency for your building.
Relaxing after sporting activities with pleasantly warm water on the skin or taking a cold shower for refreshment - everyone has different requirements when it comes to an invigorating shower experience. No matter how individual the requirements, products from Franke Water Systems allow you to meet every user’s needs. State-of-the-art tap technology helps you economically, hygienically and at the same time conveniently equip many different shower rooms, from gyms to indoor swimming pools and sports halls.
Franke Water Systems

We create a wonderful washroom experience.

Franke Water Systems concentrates on intelligent fixtures and taps for sanitary facilities in (semi-)public and commercial facilities. For our customers, we design what was once impossible and then implement it in practice in an innovative manner. Working together, we develop aesthetically attractive and complete washroom solutions.

Our expertise
As one of the world’s leading sanitation specialists, we offer all of our partners innovative and intelligent product solutions from one source. We are particularly proud of the fact that we still produce 90 percent of our products in our own factories. Thanks to continuous investment in research and development, we are in a position to expand and improve our competencies on a continuous basis.

Innovations
Our competence centres in Germany, the UK, Poland and the United Arab Emirates are responsible for product and technology development.

Quality
Our engineers develop innovative taps and system technology for sophisticated building use.

Worldwide presence
Franke Water Systems sells its products through its own sales organisation in collaboration with other Franke partners worldwide.

State-of-the-art manufacturing
Franke Water Systems has its own production facilities in Germany, the UK, Finland, Canada, Poland, South Africa, China and the United Arab Emirates.
Our mission

True to our philosophy.

The ongoing development of future-oriented elements by Franke Water Systems characterises each of our product developments. Our comprehensive product philosophy essentially follows three basic requirements:

1. **Innovation**
   With FRAMIC, we have developed the world’s first patented ceramic cartridge for self-closing taps. FRAMIC (Franke Modular Innovation Cartridge) is available for our new shower panels in the F5S-Mix or F5S-Therm versions. Their advantages lie in the longevity of the non-wearing ceramic discs in conjunction with the non-stagnating, hydraulic control element, which operates independently of the prevailing flow pressure.
   The new F5 hood hair dryer is the first hair dryer with ion technology for public use.

2. **Design**
   The design language of the new F5 shower panels made of MIRANIT and stainless steel picks up on the design elements of the F5 tap line and carries them over to the panel housing. The visually accentuated, circumferential chamfer emphasises the functional surface in which all tap components and the respective shower head are integrated.
   The same design characteristics can also be found on the lower housing of the F5 hair dryer and they also allude to the functional surface here.

3. **Technology leadership**
   Thanks to optional or integrated hygiene units and sensors, the three water and energy-saving tap technologies for the F5 shower panels offer important supplementary functions. These include water hygiene flushing operations and thermal disinfection programmes to ensure the quality of the drinking water.
   Moreover, the F5L-Mix single lever mixers, the F5S-Mix and F5S-Therm self-closing valves, and the F5E-Mix electronic variants guarantee ideal protection from scalding when showering.
   You can expect smooth and shiny hair thanks to the F5 hair dryer’s integrated ion technology.
**Miranit with gel coat surface**
MIRANIT - a shatter-proof, resin-bonded mineral material - is ideal for designing sanitary facilities that are modern and aesthetically pleasing at the same time.

**Benefits**
- Elegant impression
- Smooth, pore-free surface
- Made from one cast, without adhesive seams and joints
- Optionally available with an integrated tray for shower gel

**High-quality stainless steel**
It is not without reason that this robust and easy-care material is the standard in public sanitary facilities.

**Benefits**
- 100% recyclable
- Hygienic & rust-free
- Anti-vandalism
- Optionally available with a tray for shower gel
In tip-top shape with Franke

State-of-the-art technology, not just in sports equipment.
Elegant yet sturdy washbasins with a warm and pleasant feel are combined here with modern single lever mixers and functional stainless steel accessories.

The F5 MIRANIT shower panels together with the unique shower jet of the AQUAJET-Comfort shower head provide refreshment after a sweat-inducing workout.

Products in the room:
F5-Mix shower panels made of MIRANIT, RONDA double washbasin made of MIRANIT, F5L-Mix single lever mixer, RODAN stainless steel accessories
Visitors to modern gyms primarily seek to bring body and mind into tip-top shape in a dynamic atmosphere. An effective workout is tailored to different types and initial situations.

The same is true for equipping sanitary facilities. Our efficient tap elements and equipment guarantee safe functionality, economic operation and user convenience.
MIRANIT shower panels

These shower panels – made from a single cast – are exceptionally suitable for equipping heavily used shower facilities. The smooth, pore-free surface of the housing material is extremely robust, temperature-resistant up to 80 °C and easy to clean. The MIRANIT material also wins over operators and users with its glossy appearance and warm feel.

These fully prefabricated shower panels are ideal for refurbishments and new installations alike, as there is no need for costly installation work and structural waterproofing. Flexible connections enable universal use for water connections from the wall or ceiling. Variable housing extensions are available as accessories to cover surface-mounted installations.

The extensive product line of MIRANIT shower panels and its wide variety offer the right product for every application: two housing variants, four tap versions, three shower heads and a hand-held shower can be selected to equip shower rooms in a modern, economical and easy-care fashion.

Please refer to p. 23 for more information on shower panels made of the alternative material, stainless steel.
Seamlessly moulded shower gel tray in a MIRANIT housing

AQUAJET-Comfort
Shower head with anti-calcification system and low aerosol formation

FSL-Mix
Single-lever mixer with safety and hygiene functions
The completely pre-fabricated MIRANIT shower panels can be installed extremely easily on the wall. The housing is mounted on an installation strip and discreetly attached at the bottom with a bolt — and that’s it!
**Tough choice. Easy decision.**

The right product for every type of installation.

**AQUAJET-Comfort shower head**
The new AQUAJET-Comfort blends into any room architecture with its timeless and simultaneously modern design language. The shower head is impressive with a pleasantly comfortable shower jet, adjustable angle and a reduced volume of residual water. With a diameter of 80 mm and nozzles arranged in a star formation, this low-aerosol, low-noise shower head base delivers a refreshing shower jet for the ultimate showering comfort. AQUAJET-Comfort can be used anywhere thanks to its continuous angular adjustment (13° - 23°), which can be carried out without disassembling the shower head base. Its water nozzles made of flexible plastic are easy to clean thanks to the anti-calcification system. The special design of the maintenance-friendly and anti-vandalism AQUAJET-Comfort shower head prevents any unwanted dripping. Naturally, these same properties also apply to the shower head version for surface-mounted shower pipes.

**F5E-Therm in-wall mixer**
This opto-electronically controlled F5 tap with integrated protection from scalding is perfect for wet rooms in which the emphasis is on convenience and safety. When the infrared electronics detects the approach of a user, the sensor lights up briefly and activates the flow of water. An integrated water hygiene flushing element ensures that drinking water hygiene is maintained. The tap can be optionally integrated into the AQUA 3000 open water management system. All of the tap’s operating data are available for monitoring and managing the drinking water installation system and to ensure transparency with regard to hygiene measures.

**F5S Self-closing thermostatic wall-mounted mixer**
All F5S taps use the FRAMIC (Franke Modular Innovation Cartridge) self-closing cartridge, which is unique to date, patented and features extremely long-lasting ceramic disc technology. The flow duration can be continuously adjusted according to specific usage needs. This enables sustainable, environmentally friendly and economical use of water. A combined hygiene unit also permits automatic water hygiene flushing operations and, if required, thermal disinfection of the taps in compliance with regulations. Furthermore, all F5 wall-mounted mixers offer a scald-protected Safe-Touch housing for wall mounting.
A success from the start

Efficiency & comfort are a winning team.
On your marks, water, go! Swimming regularly keeps you fit and helps you feel good. Swimming is enjoyed by many people as an all-round sport, whether it’s alone, with the entire family or in a swimming club.

Users and operators of public swimming pools can rely on economical, yet convenient product solutions for sanitary facilities without a high consumption of water or energy. Franke’s anti-vandalism and easy-to-clean sanitary fittings are well-equipped to meet the challenge of an often high onslaught of anonymous leisure activists.

Uncompromising reliability and efficiency are key criteria when it comes to hygienic, clean water.

The better the technology, the better the result.

Clarity in material, form and use.
Whether on the washbasin or under the shower, supplemented by stainless steel accessories with a nano-refined front or even the first hair dryer in the F5 line with ion technology for public use - you will always make the right professional and technical choice with our products.

Products in the room:
F5 hair dryer with height adjustment option, F5S-Mix shower panels made of stainless steel, QUADRO multiple washbasin made of MIRANIT, F5S-Mix self-closing pillar mixer, STRATOS stainless steel accessories
A powerful final

Hair drying in record time.
To make hair drying as easy as pie, the F5 hair dryer comes with the corresponding height adjustment fixture with protected cable routing system. The coiled-strip spring allows the hair dryer to be continuously adjusted over a total range of 600 mm so it’s just the right height for a particular user. You can instantly see the marvelous drying results in the mirror. To match the dryer’s colour variants, the height adjustment’s end caps can be ordered in the same colours.

F5 Hair dryer
Shiny, smooth hair without a static charge and an extraordinarily quick drying time - a dream come true thanks to the integrated ion technology. This technology is being used in a bonnet hair dryer for the first time in public areas. One additional benefit of this new hair dryer is its low-noise, brushless and thus maintenance-free EC motor which is, of course, protected against water ingress. Furthermore, its trigger sensors can be parameterised and usage statistics can be read.

Height adjustment
Depending on the user group, the ionic F5 hair dryer can be installed directly on the wall or with a height-adjustable wall mounting fixture.

The new F5 hair dryer is sure to please virtually all design wishes with a total of five different colour variants.
The design legacy of our classic "Progress" hair dryer was carefully and skilfully translated into our modern Franke design language.
Shower panels made of stainless steel
Rust-free stainless steel is exceptionally suitable for heavily used facilities such as the shower rooms at swimming pools. Our new shower panels made of functional stainless steel demonstrate that even this material can be moulded into an attractive form. True to the Franke design language, the new stainless steel shower panels also exhibit an illustrious functional surface in combination with the accentuating chamfer.

F5E-Therm shower panel made of stainless steel with AQUAJET-Comfort shower head
The modular principle in selecting the tap technology and the desired shower head variant also comes into play with this housing type. Due to their low level of prefabrication and easy surface-mounted installation, these panel variants are suitable for all conceivable modernisation and construction projects. If the water is supplied from the top, the connectors can be covered with housing extensions made of the same, premium stainless steel material.

Variety is the name of the game.
Prepared for any room scenario.

F5S-Therm self-closing thermostatic in-wall mixer
Intelligent, hygienic and, last but not least, environmentally friendly, the F5S taps set new standards in demanding semi-public and public sanitary facilities. The integrated hygiene unit permits automatic water hygiene flushing operations and, if required, a regulation-compliant thermal disinfection of the tap, which is also equipped with active protection from scalding.

F5S-Mix self-closing pillar mixer
The F5S-Mix tap also uses the unique, patented FRAMIC (Franke Modular Innovation Cartridge) self-closing cartridge with ceramic discs. It provides stagnation-free flow pressure, independent and hydraulic control of the water flow and simultaneously sets the highest hygiene standards for sanitary facilities. The flow duration can be continuously configured in all F5S taps.
More successful as a team

Simple function.
Modern appearance.
A product combination of F3 washbasin taps, the slender SMARTWAVE shower panel and solid sanitary facilities made of stainless steel and mineral granite, tailor-made for use in sports halls.

Products in the room:
SMARTWAVE shower panel with AQUACONTACT control, VARIUS-O multiple washbasin made of MIRANIT;
F3S-Mix self-closing pillar mixer, RODAN stainless steel accessories
It’s no secret that better educational results are achieved in an inspiring learning environment. The same applies for team success thanks to a sporting team spirit and mutual trust.

The creative quality of modern architecture provides the ideal space for various vibrant activities. Sturdy, durable and functional products are in demand in schools and sports halls. This does not mean that a sophisticated, yet timeless design is out of the question.

Aesthetic interplay.
With matching product combinations.
SMARTWAVE shower panel

The refreshing wave in the shower room.

SMARTWAVE shower panel
The caressing wave form of the shower panel housing presents a pleasantly warm feel and a shiny, hygienic surface to the user. The Makroblend® housing marks the debut of an extremely sturdy and chemical-resistant material in the shower room. Due to its resistance and stability, the material – which is made from polycarbonate and polyethylene terephthalate (PET) – has been used successfully in automotive manufacturing for years.

SMARTWAVE shower panels consist of only two elements, can be quickly installed to save time, and are easily and freely accessible for commissioning and maintenance work in a few simple steps.

The time-controlled AQUACONTACT variant shown here is equipped with a thermostat and features additional hygiene options. A slight touch of the button sensor triggers the water flow, and a simple turn of the thermostat handle allows you to set the temperature of your choice when showering.

Thanks to the thermostat cartridge, the tap offers safe protection from scalding with a regulation-compliant water temperature limit of 40°C. The tap shuts off automatically if there is any failure of the cold water supply. The integrated function block with a bypass hole can be used to perform a thermal disinfection.
Low-aerosol, angle-adjustable shower head with anti-calciﬁcation system and comfortable shower jet

Extremely sturdy and resistant Makroblend® housing

AQUACONTACT Tap version with start/stop function and thermostat for safe protection from scalding
User ergonomics are improved thanks to the inclined, basic cylindrical shape of the F3 washbasin tap.
Engineered to handle extremes.

Clarity in form and use.

F3E electronic pillar tap
Thanks to the pure, clear base body, the F3 taps are extremely easy to clean. The minimalist F3 electronic taps combine functionality, robustness and a maintenance-friendly design in highly frequented washrooms. A brief hand movement in front of the sensor activates the water flow, and the water continues to flow for as long as it is needed. An integrated water hygiene flushing function is responsible for ensuring the quality of the drinking water. In addition, all of the tap data can also be accessed and read.

AQUAJET-Slimline
The AQUAJET-Slimline shower head is the streamlined alternative to the Comfort variant. Its elegant appearance makes it tailor-made for use in shower facilities that are both modern and sophisticated at the same time. Its well-distributed, low-aerosol, and low-noise shower jet provides a pleasantly high level of comfort when showering. A clear benefit for frequently used shower systems: the special design of the anti-calcification plastic jet face prevents annoying dripping. The showerhead base can be cleaned easily by simply wiping it.

F3S-Mix self-closing in-wall mixer
Reliable F3 taps with intuitive operation and economical water consumption are suitable for highly frequented sanitary facilities. The water in this tap is controlled in accordance with the tried and tested piston-free self-closing functional principle. Already in use millions of times over, this low-wear and self-cleaning function cartridge guarantees a long service life. The water flow is activated by light pressure on the robust, theft-proof actuation cap. The tap stops automatically after the flow duration that can be individually adjusted by the operator.
The new Franke System Box for the in-wall installation of F5 fittings is equipped with a steplessly adjustable sliding bonding flange with a flexible sealing sleeve. The sealing material made of thermoplastic elastomer provides decisive processing benefits at the time of installation. The material exhibits excellent long-term elasticity, resists cracks and is absolutely watertight.

For your safety, we have further developed the building sealing element with a patented system. The patented sliding adhesive flange ensures the secure compound sealing of in-wall taps in both dry and wet constructions. Each system box is available as mounting material for washbasin and shower systems.

For the F3 taps, identical-sized mounting material is available for wall mounting with or without a mixing unit, as well as for washing and shower systems.
The assembly sequence displayed here shows the installation steps of the Franke System Box for the F5S Therm shower tap for secure building sealing with the newly developed sliding bonding flange.
AQUA 3000 open

Smart building: managing water in a mobile and efficient way.

The technical equipment used in swimming pools, sports facilities, offices, airports, and industrial plants can nowadays be automated and centrally controlled as a smart building. The focus is on energy optimisation of building operations to reduce operating costs and increase building safety.

Franke Water Systems provides optionally devised sanitary solutions for sustainable operation of these buildings. The AQUA 3000 open water management system establishes a balance between ecology and economy, between hygiene and consumption and between planning and operation.

A well-conceived, complete water management system facilitates economical operation of all connected components and can be connected to higher-level networks, e.g. via KNX-IP via a standardised RJ45 interface.*)

AQUA 3000 open allows operators of large drinking water installation systems to enhance their efficiency in terms of water and energy consumption. The goal is to guarantee the best-possible level of drinking water hygiene at every withdrawal point in the building. Limited resources such as energy and water are conserved, thereby reducing the emission of CO2.

*) Franke has been a member of the KNX Association since 2016.

**Sustainable**
A flexible, expandable and thus future-proof system that can be usefully integrated into the building management system.

**Hygienic**
Regular water hygiene flushing operations and thermal disinfection programmes guarantee the high quality of the drinking water.

**Economical**
The efficient and demand-optimised use of resources (water, energy, time) makes the sanitary system profitable.
The AQUA 3000 open water management system is subdivided into a fitting and network level. At the fitting level, an ECC2 function controller has a CAN island network with up to 32 fittings assigned to it. At the same time, the ECC2 function controller serves as the transfer point to the network level. For larger buildings, several ECC2-function controllers can be installed. The RJ45 ports of the individual ECCs can be used to connect all of the fittings installed in a building to a single PC or to the computer-aided facility management system (CAFM), from which they can then be jointly managed and/or controlled.
Franke Water Systems

ws-info.int@franke.com
www.franke.com