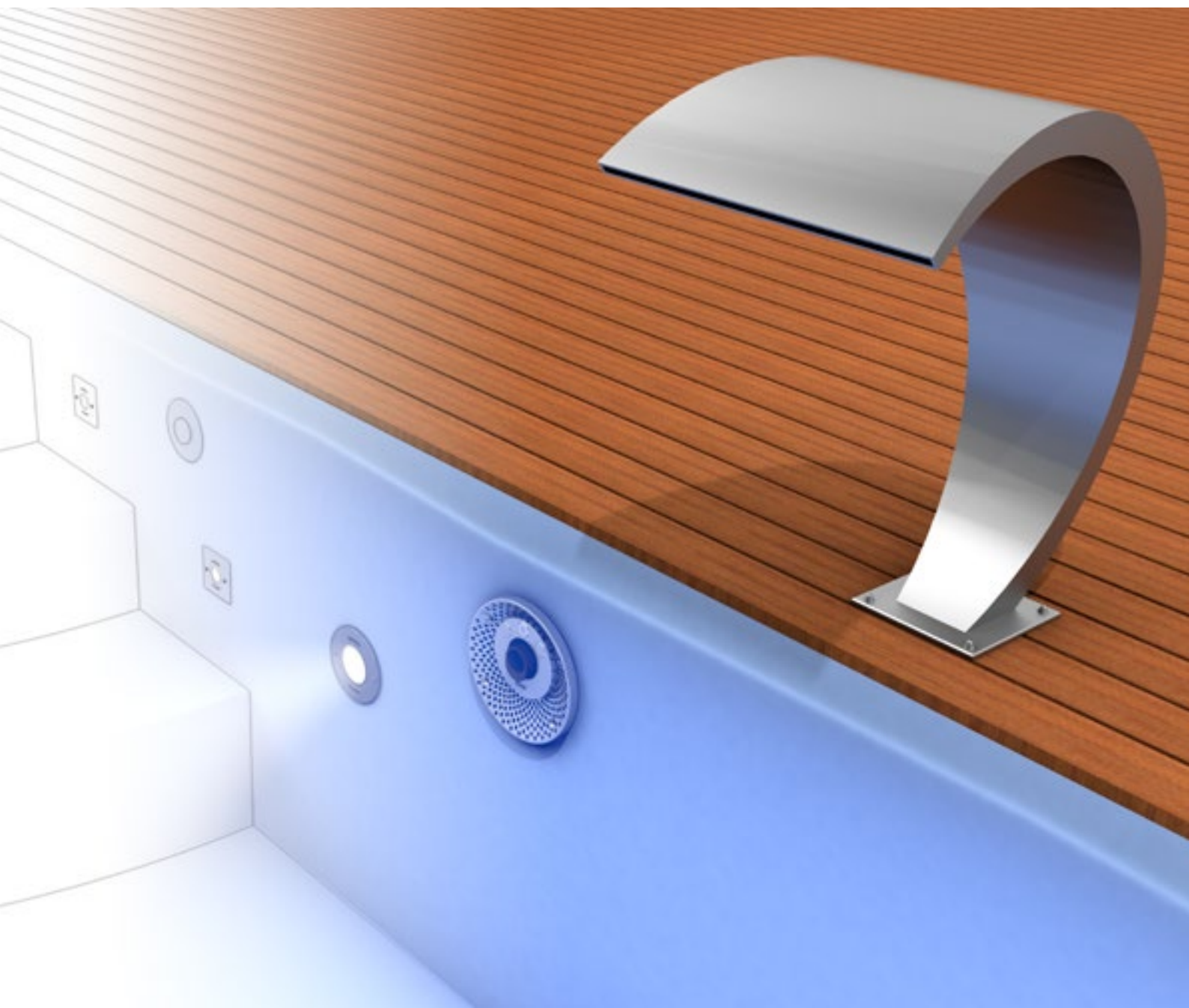


Information for architects, designers, dealers and pool builders

Swimming pool attractions for private pools,
hotels and public pools





fluvo® – the world of pool attractions

We wish to use this brochure to introduce you as architects, designers, dealers and pool builders to the **fluvo**® world of swimming pool attractions. Water, air and light are elements that invite boundless creativity.

As individual and system modules, our products guarantee priceless added value for clients and bathing guests. As lifestyle elements, they lend that special touch and individualise the lifestyle attitude of your target group.

Modern indoor and outdoor swimming pools demand a high degree of competence, expertise and organisation talent on the part of designers. Whether a project calls for realisation in an existing pool or

a new construction, each object is unique in its planning, size and features. One-to-one copies of projects are rarely possible, as very often extremely specific challenges are involved which need to be addressed by experienced specialists.

From the initial idea and sketches to design calculations and realisation on your site, we are your contact partner, bringing our experience to your location and supporting you in decisive building phases. Put us to the test. Should you wish, we will also send you further information material on our product groups and, of course, a wealth of references.

Our philosophy

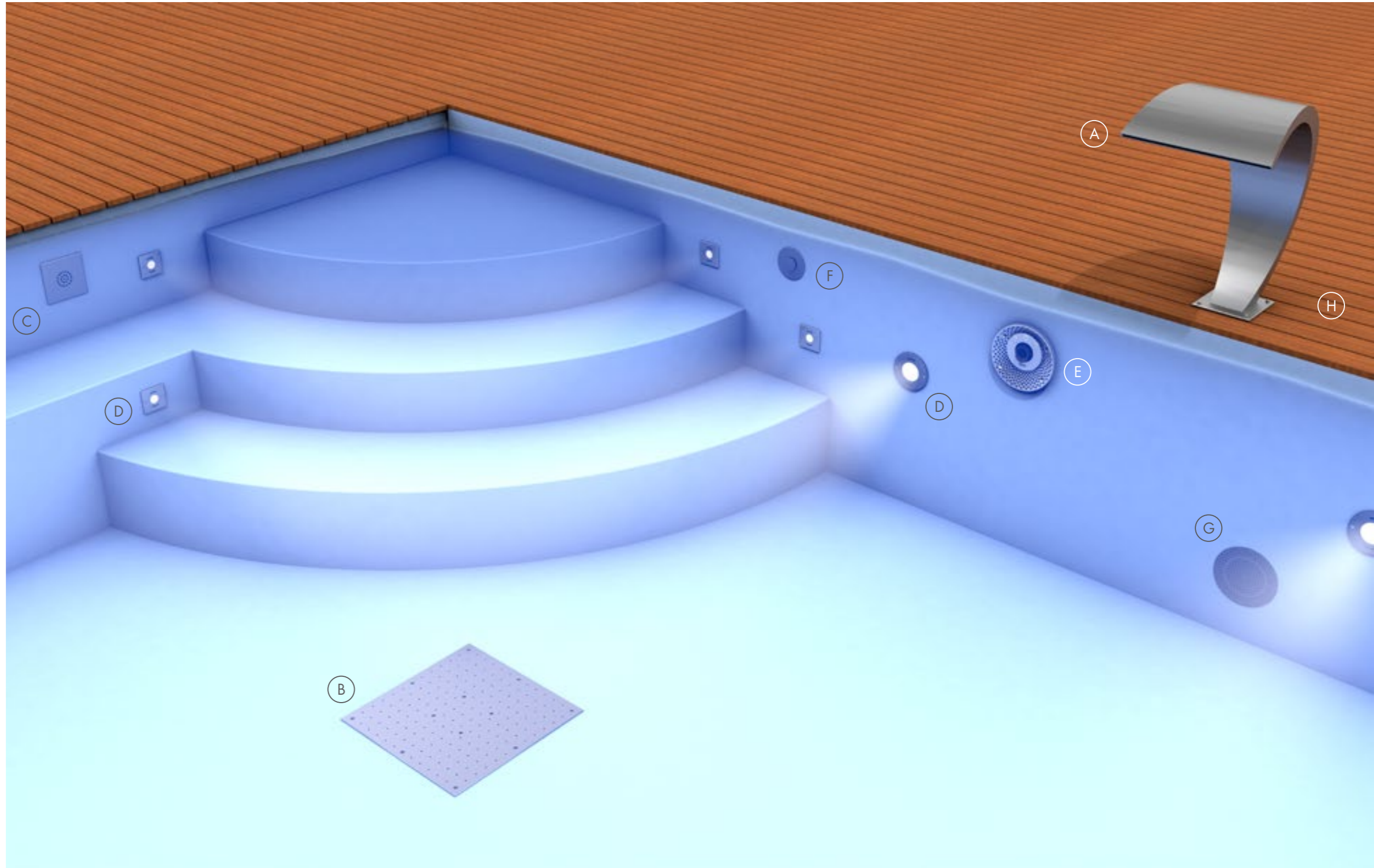
- ✓ Our quality is based on reliability, long-life cycle and maximum efficiency.
- ✓ Our products guarantee the highest possible customer benefits with regard to wellness, sport and fun.
- ✓ Our products are thrilling in terms of design and use. That emotional experience creates trust and strong loyalty towards the **fluvo**® brand.

Versatile product range – Made in Germany

fluvo[®] – we have been using this brand name for more than 60 years all over the world to sell products and services for swimming pool technology. We cover the entire spectrum of superior pool attractions with seven major product groups.

“Made in Germany” is not only a sales promotion phrase for us, but a living concept that defines our work. Our entire product range is designed and produced in Tübingen and undergoes strict final inspection in compliance with our certified quality management system.

Information and comprehensive advice on the product, performance data and installation are a given to us.



- (A) Water curtain systems
- (B) Air bubble systems
- (C) hydro-massage
- (D) Underwater spotlights
- (E) Counter current systems
- (F) Activation options
- (G) Suction niches
- (H) Swimming pool pumps and air blowers

Non-binding depiction. For a complete product overview, please refer to our illustrated price list.

Water attractions in public swimming pools

Appeal, entertainment and enjoyment are important factors for the success of your swimming pool projects. Modern swimming pools should involve a well-conceived idea and offer their target groups comprehensive wellness and attraction concepts. Animation, a fun experience and additional wellness benefits are the basis for sustained customer loyalty and the success of a public swimming pool. We offer complete support for large public swimming pool projects, with expertise in flow and layout calculations. Our references include saline and thermal pools and also "normal" recreational pools.

Attractions, blowers and pumps – **fluvo**[®] can offer you a perfectly harmonised product portfolio that addresses all your needs.

- (A)** Water curtains/
Water cannons
- (B)** Water umbrellas/
Mushrooms
- (C)** Children's water features
- (D)** Air bubble systems
- (E)** Underwater spotlights
- (F)** hydro-massage
- (G)** Lazy river
- (H)** Suctions
- (I)** Pumps & Air blowers



360° Panoramic view: media.schmalenberger.de/360/en

Non-binding depiction. For a complete product overview, please refer to our illustrated price list.

Suitable for



private



hotel



public

Wellness concepts for a long-lasting bathing experience

fluvo[®]-hydro-massage

Are you planning a swimming pool? Then let's get together to equip your planned wellness oasis with the right hydro massage concept. Floor and wall nozzles swirl up water and air with the unique **fluvo**[®] nozzle system, creating a pleasurable experience that never fails to thrill bathers. This fine, stimulating massage is an absolute must for every pool. And anyone who has experienced it will never want to be without it in the future.

Product benefits

- ✓ Suitable for every pool type and size
- ✓ Wall, floor and step installation possible
- ✓ A large selection of designs and nozzle capacities
- ✓ A choice of different activation options
- ✓ Remote control, integration in any control technology
- ✓ Can be combined with other attractions

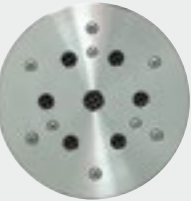
Product examples



Q-Line



karibic*



forte*



compact*



pro*

*also available in ABS version



Installation examples



Fig. 1



Fig. 2

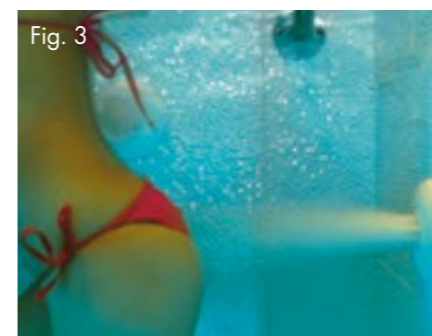


Fig. 3



Fig. 4

Fig. 1: Floor geyser, ideal for full body massage

Fig. 2: karibic compact inox nozzles with air switch, also available as counter current system

Fig. 3: pro ABS hydro massage, wall installation for back and chest massage

Fig. 4: karibic compact inox nozzles, ideal for installation in steps

Fig.: Q-Line comfort

Suitable for



private

hotel



Product benefits

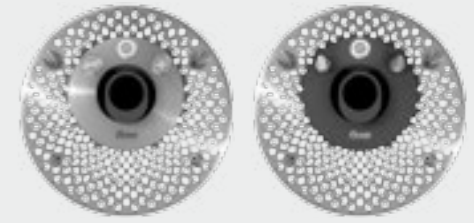
Experience real added value in the pool

fluvo[®]-counter current systems

fluvo[®]-counter-current systems are designed for small and medium-sized swimming pools. Swimmers can enjoy the feeling of endless swimming without the need to turn at the pool end. They are an absolute guarantee for fun, and suitable for every age group. All these systems can be individually regulated, with the exception of the karibic series.

- ✓ Suitable for every pool type
- ✓ Available in different designs and installation variants
- ✓ Integration possible in any control technology
- ✓ Can be combined with other attractions
- ✓ Hairtest certified by LGA

Product examples



XANAS[®] *



X-jet



rondo^{*}



karibic^{*}



*also available in ABS version

WKvario – control two attractions with a single pump

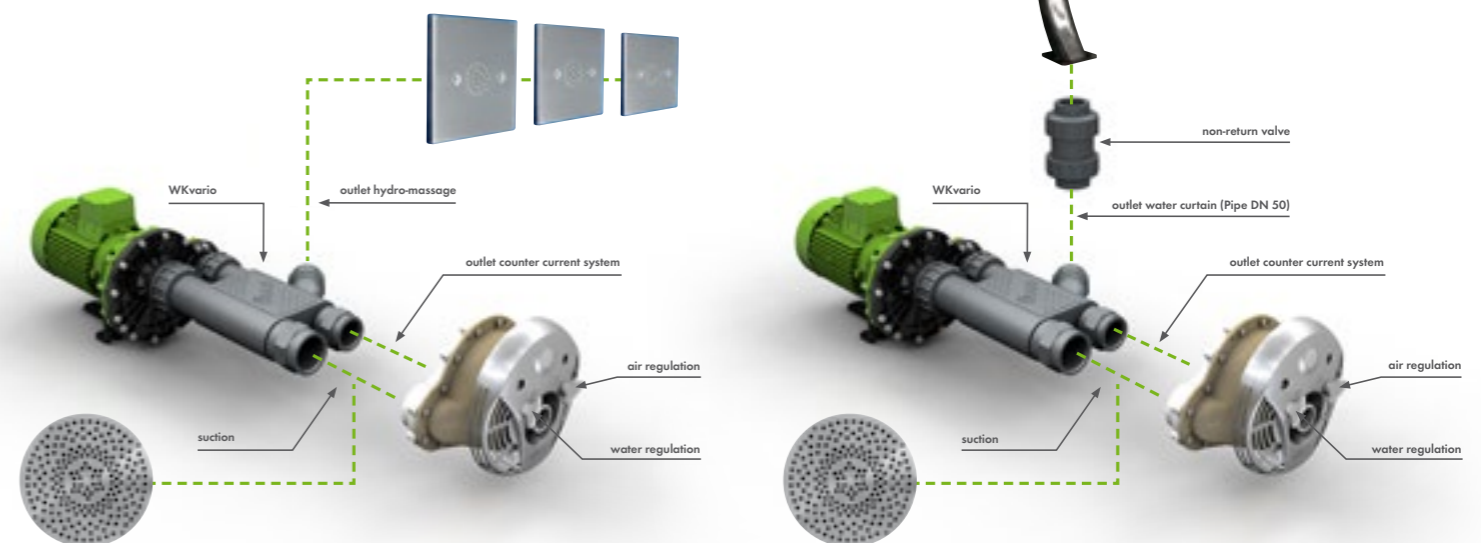


Fig.: X-jet counter current system

The economical combination for compact pools: Closing the counter current system activates the 2nd attraction.

Suitable for



private



hotel



public



Product benefits

Design and function in a perfect form

fluvo®-water curtain systems

fluvo®-water current systems are a visual highlight on the pool rim. A magical eyecatcher for an exclusive and elegant appearance. A perfect veil of water ensures a beneficial neck and back massage. Take advantage of the design freedom offered by fluvo®-water current systems – stylish, creative, always surprising.

- ✓ Suitable for every pool type
- ✓ Available in different models and sizes
- ✓ Absolutely unique: cobra® carbon made of carbon fibres
- ✓ Wall installation possible
- ✓ A choice of different activation options
- ✓ Integration possible in any control technology
- ✓ Can be combined with other attractions

Product examples



cobra®



cobra® carbon



Water cannons

Application examples



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Fig. 1: A wall installation is ideal for confined spaces.

Fig. 2: cobra® carbon, the award-winning water curtain manufactured from carbon fibres.

Fig. 3: A harmonious combination of flat and bell jets for a perfect relaxing neck massage.

Fig. 4: Mushroom cascade, an attraction for larger swimming pools. A perfect veil extends right down to the water surface.

Fig.: cobra® maxi



Fig.: **fluvo**[®] single air lounge

When elements clash, the entire pool bubbles

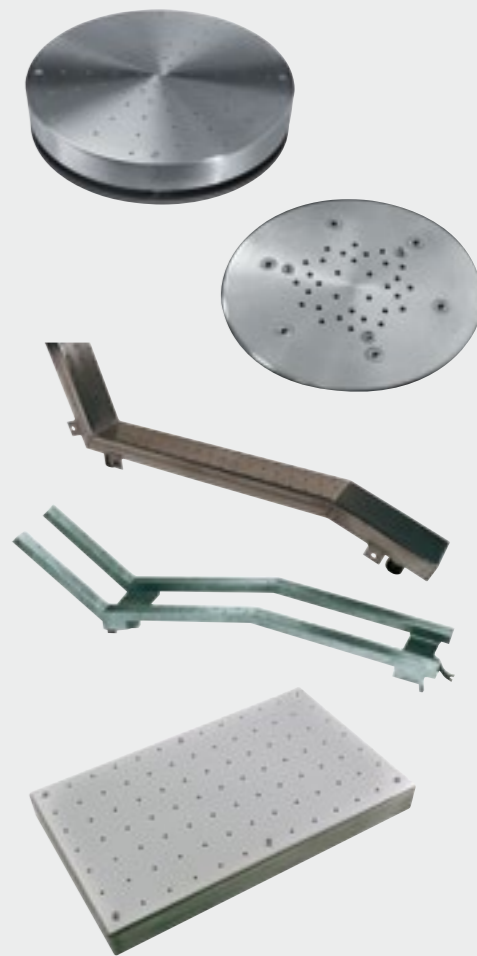
fluvo[®]-air bubble systems

fluvo[®]-air bubble systems are spectacular. Bubbling bays, reclining zones, seating niches – there are no barriers to creative freedom here. The buoyancy of the water combined with countless sparkling air bubbles mean the body enjoys a state of delicious suspension. In addition to a gently tingling massage, we also achieve fantastic light effects in combination with coloured LED/RGB underwater spotlights.

Product benefits

- ✓ Suitable for every pool type
- ✓ A large choice of sizes
- ✓ Available variants: pads, jets, loungers – harmonised with powerful air blowers
- ✓ A choice of different activation options
- ✓ Integration possible in any control technology

Product examples



Air pads are also available in PVC version

Application examples



Fig. 1



Fig. 2

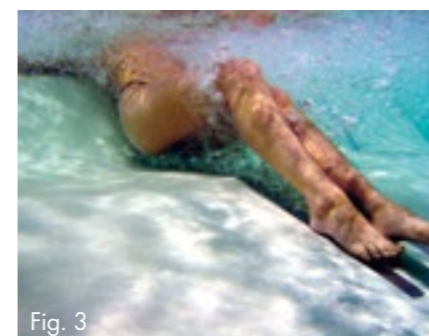


Fig. 3



Fig. 4

Fig. 1: Air blower with pressure sensitive switch s-touch.

Fig. 2: ABS air pad, integrated in a seat.

Fig. 3: Double air lounge, perfect relaxation for all bathing guests.

Fig. 4: Acrylair air lounge made of poly-acrylics with four separate air outlet rows. A design element of superlative style. We can also manufacture this lounge in your chosen RAL colour if requested.



Fig.: **luchs**® NT2 RGB

Our uncompromising highlight: powerful, compact, future-oriented!

luchs® – LED/RGB Underwater spotlights

Our credo: Only the best light for the most varied situations in modern pools! A play of colours adds a unique touch. The **luchs**® LED/RGB underwater spotlight series has enjoyed success on the market for over ten years. Our future-oriented control technology sets new standards in function and reliability.

Product benefits

- ✓ Suitable for every pool type
- ✓ A variety of sizes and covers
- ✓ DIALux light planning software: for perfect illumination
- ✓ Wall or floor installation possible
- ✓ Retrofitting sets for PAR 56 halogen spotlights
- ✓ Freely programmable light effects
- ✓ Future-oriented control technology, can be integrated in many systems from well-known manufacturers
- ✓ EMC compliant

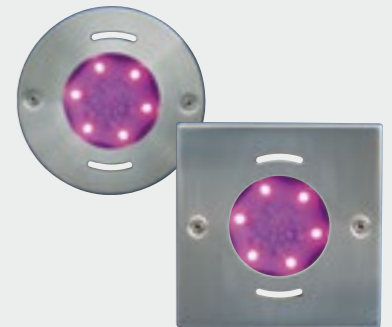
Product examples



luchs® NT Spot



luchs® NT2



All types are available in brushed and polished version

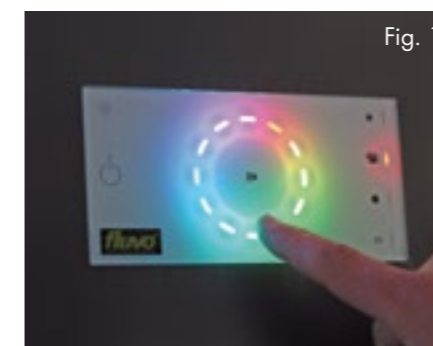


Fig. 1

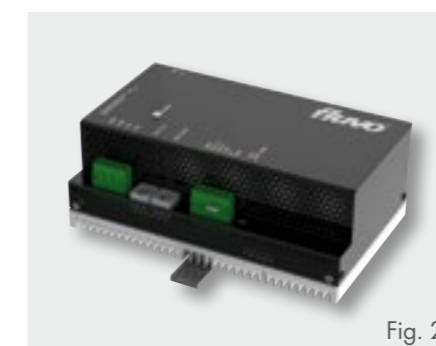


Fig. 2

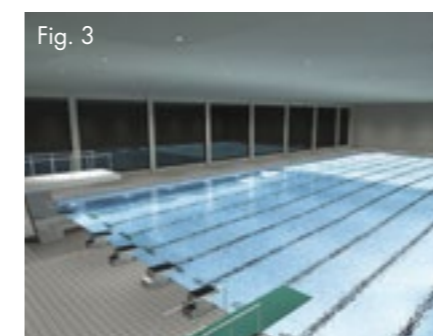


Fig. 3

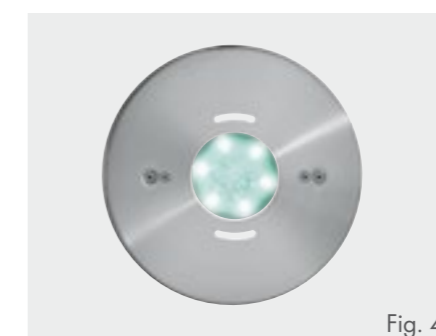


Fig. 4

Fig. 1: The i-light-touch allows you to control the complete colour mix timing.

Fig. 2: LED/RGB control box: Our interface for connection of several LED/RGB underwater spotlights and i-light-touch.

Fig. 3: DIALux planning software enables us to calculate the perfect illumination effect for your projects.

Fig. 4: Retrofitting set for PAR 56: Older inefficient halogen spotlights can be replaced without difficulty by the **luchs**® NT series.

Suitable for



private



hotel



public

Maximum safety for younger and older bathers

secur[®] – suction niches

Suction points still represent a much underestimated source of danger. Incorrect layouts, improper installations and defects during operation can lead to severe bathing accidents. The secur[®] product series sets completely new standards here in the area of safe suctioning.

Designers, architects and operators of public swimming pools can now count on tested suctioning systems which conform to current standards and safety regulations. (e.g. DIN EN 13451)

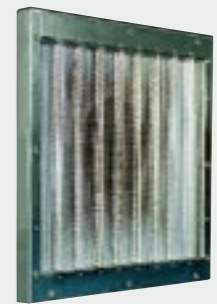
Product benefits

- ✓ New patented grid structures prevent suctioning of hair and items of clothing
- ✓ Suction volume is up to 3 times higher than conventional perforated plate structures
- ✓ Cost savings of up to 70%, thanks to the reduction of suction point sizes
- ✓ Compatible with *fluvo*[®] pool water circulation pumps
- ✓ Retrofitting or new installation
- ✓ Safety features inspected and certified by LGA
- ✓ Consulting and support in the design calculation

Product examples



secur[®] 40



secur[®]



secur[®] classic



Fig.: secur[®] 40 installation example



Fig. 1

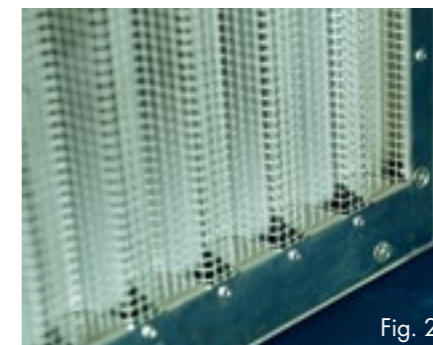


Fig. 2

Fig. 1: Circulation and attraction pumps have an enormous suction volume.

Fig. 2: The patented grid structure ensures maximum safety in the swimming pool.



Fig. 3

Fig. 3: Perforated plate design for floor installation



Fig. 4

Fig. 4: secur[®] suction niche wall installation. Safety tested and LGA certified.

Suitable for



private



hotel



public

Unbeatable in terms of performance, efficiency and comfort!

fluvo® - swimming pool pumps

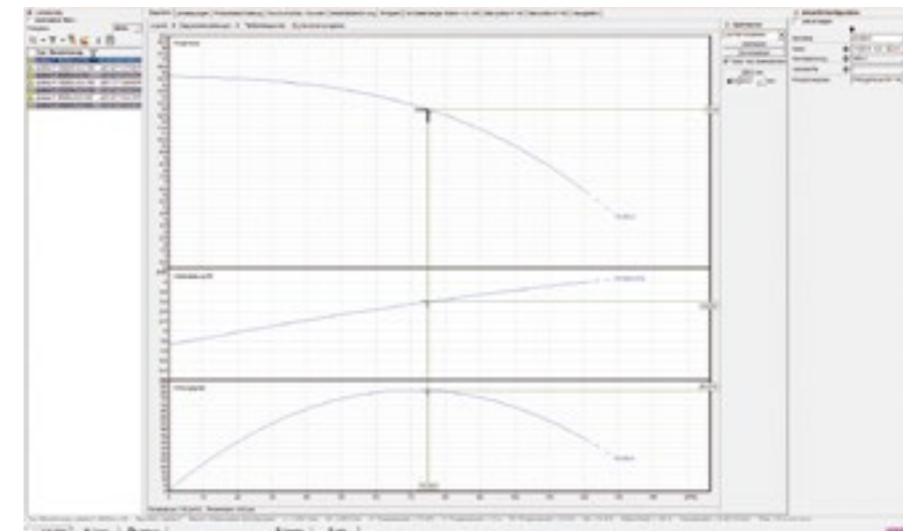
fluvo® pool water recirculation and attraction pumps are designed for use in hotels, thermal baths and pool landscapes. Our entire product range is distinguished by high pump effectiveness and energy-efficient motors. You can also order our pumps in saline and seawater-resistant designs. Our pumps are Made in Germany: More than 60 years of experience in pump technology make us an innovative, high-performing and reliable partner for architects, designers and pool builders.

Product examples



Product benefits

- ✓ Quiet and compact, ideal for hotel use
- ✓ Powerful performance - ideal for our pool attractions
- ✓ Self-priming: SMK attraction pump
- ✓ Controllable, energy efficient IE3 motors
- ✓ Integrated strainers for rapid cleaning
- ✓ Take advantage of our PSpro+ pump selection program



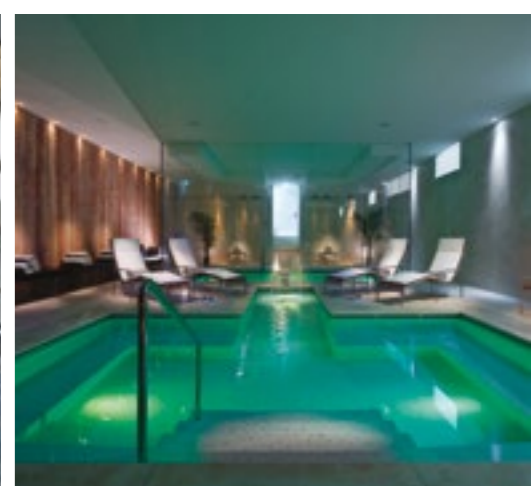
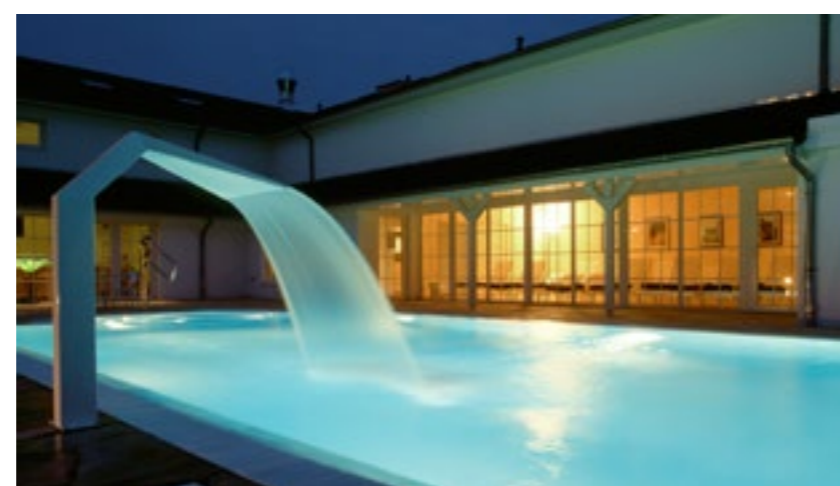
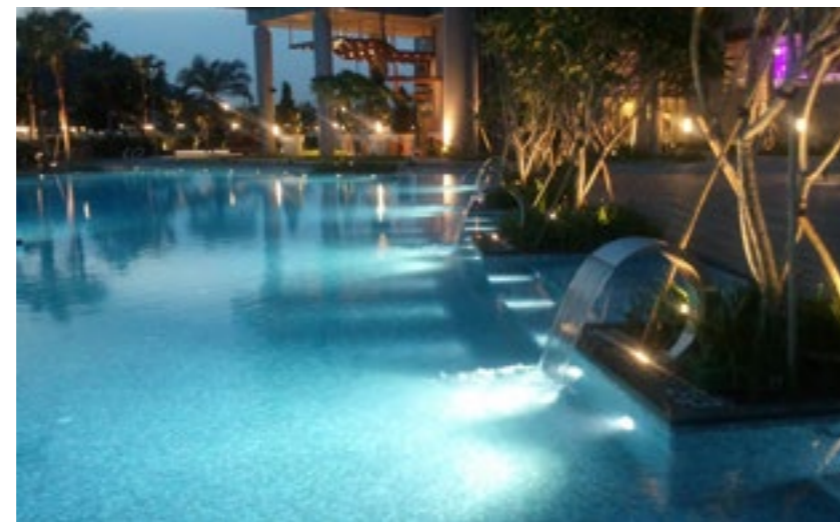
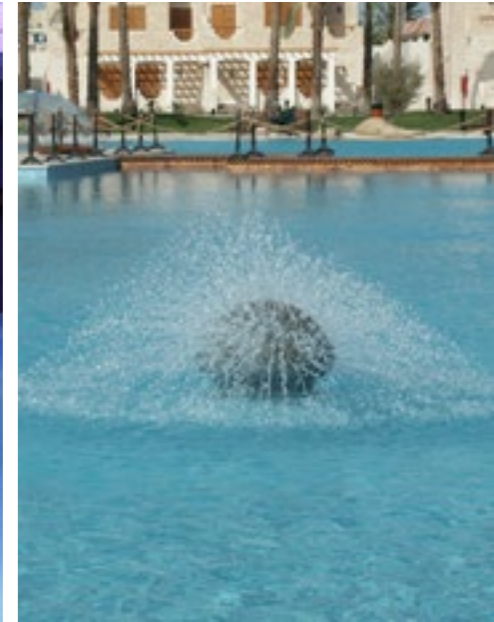
PSpro+ pump selection program: The professional pump selection program for designers and architects. Order free of charge at www.fluvo.de

Fig.: Optimo-F pool water circulation pumps in a public swimming pool

References public pools



References hotel spas



References private pools



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strömungstechnologie

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