

Shower drains

Let us drain away the cares of today, for a brilliantly clear tomorrow

"

Our firm is built on the passion of continuous innovation and coming up with new ideas. We want to deliver top products to our customers that make their lives easier - this is the driving force behind ALCAPLAST.



3

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8–13

BENEFITS OF LINEAR SHOWER DRAINS

Brings revolutionary solutions both in cleaning and in water flow volume.





They are made from top quality materials, that accentuate the innovative modern design.

18-23

NEW SHOWER DRAIN APZ13

Featuring a stylish and functional modular system which you can assemble to fit perfectly into your bathroom.

Where others pass by without a second thought, we see room for innovation



24-25

WASTE SYSTEM FOR INSTALLATION IN WALLS

We also accept the challenges of a small space and so we developed a drainage system that can be built into the wall. Saving space, however, in no way this implies saving in functionality.



LETS MAKE IT SIMPLE

We have prepared a QR code for each product for your convenience. To read the QR codes just download the application to your smart phone or tablet. Then scan the code to quickly reach the desired section of our website. Here you will find detailed descriptions and parameters of the selected product. No more trouble with searching for information. A smart way to get your information quickly and easily.



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Beauty on which you can rely, built on ingenious detail



With a calm heart, you can choose a large-sized shower head. Thanks to the special double compartment trap system the ALCA shower drain guarantees a flow rate up to 68 l/min. With that we eliminate the risk of flooding in your bathroom. Many competitive shower drains contain a basic odour trap. These traps have a maximum water flow rate 30 l/min – this is half of that offered by ALCA drains.



HIGH FLOW RATE OF WATER (to 68 l/min)



COMPLETELY CLEANABLE TRAP LOW BUILDING HEIGHT (55 mm)

7

Shower drain for full grids

For lovers of minimalism we can offer shower drains embedded with a full grid. Water flows into the drain along the edges of the solid section. Naturally this design solution maintains the full capacity of the drain.



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GRIDS FOR LINEAR DRAINS ALCA

Freedom lies in diversity





This solid stainless steel prismatic grid offers a novel alternative. The distinctive design stands out from the norm to become a true feature of your bathtroom.

Grids for embedding tiles

In its essence, it is a special tray made of stainless steel. The bottom of the tray is sealed with a rough surfaced strip, designed for easy application of tiles or waterproof wood. This grid then becomes part of the tiling and fully merges with the rest of the bathroom.

Full grids

The base of the grid consists of a U-profile made of stainless steel. On this U-Profile we can attach a solid plate of stainless steel, tempered glass, brass or artificial stone. With this wide range of surface options available, the full ALCA grid becomes a jewel of your bathroom.

Perforated grids

Perforated ALCA grids are based on playful variations of geometric shapes. So you can easily choose the right one according to your taste. They are available in high gloss or brushed matt. The standard version is made of stainless steel with the option of even higher grades for agressive enviroments such as swimming pools.



GRIDS FOR STAINLESS STEEL LINEAR SHOWER DRAINS ALCA



For waste system EDEN / Cover stainless steel-polished SHADE / Cover stainless steel-matt For embedding tiles FLOOR for type of drain APZ6 and APZ16 / INSERT for type of drain APZ13 / The bottom of the tray is sealed with a rough surfaced The bottom of the tray is sealed with a rough surfaced strip, desi Corner GRACE / Stainless steel-matt VIEW / Stainless steel-matt LIFE / Sta TIME / Stainless steel-matt

GRIDS FOR PLASTIC LINEAR SHOWER DRAINS

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TWIN / Cover for embedding tiles













TRITON / Stainless steel-



he bottom of the tray is sealed with a rough surfaced

Like a beautiful jewel, withstanding the maelstrom of time



Our designers have developed shower drains ALCA in various types, allowing a perfect fit into diverse bathroom styles. Delivering even more individuality to its owners. Although we offer a wide range of grids, we retain the goal of clean design and superior quality.



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LINEAR SHOWER DRAINS ALCA

The most popular shower drain











Shower drains with fully cleanable traps

One odour trap is standard, but the ALCA shower drain utilise a two-flow compartment system, with removable inlet parts. This creates a dual odour trap system that allows simple and complete cleaning of both flow compartments as far as the waste pipe. The double compartment trap system extends the time between maintenance cleaning of the drainage chambers.

On request a combined dry odour trap is also available for low usage areas.

ALCA shower drains with low installation height requirements

ALCA stainless shower drains are compatible with today's high installation standards. The minimum installation height offered by ALCA drains is from 55 mm to 85 mm. The 55 mm height is ideal for renovations in older houses with relatively shallow concrete floors. The 85 mm height is the preferred option for new constructions, where the height of the drain can be incorporated into the design.

Adjustable vertical flange

Linear drains APZ4, APZ104 Low, APZ1004 and APZ1104 Low are designed to be installed directly to the wall of the shower enclosure. The vertical water-proofing flange can be adjusted to suit wall tiles 6-12 mm in thickness. This eliminates the need to compensate for any differences in tile thickness with adhesive. Unlike other shower drains, the Flexible drain is attached to the wall using a vertical flange. It is then covered with a waterproofing tape and wall tiles. This ensures a higher degree of water-proofing. Grading the floor towards the wall is also easier.





An exceptional lifestyle calls for a unique approach. This is why we offer individualized, one-time solutions that fulfill your every wish.

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All the standard ALCA stainless steel linear drains can be custom made in any size, as per customer demand (length, shape, placement of the trap and other parameters). Different solutions for specific drainage requirements, can be supplied on an individual basis after discussion with our sales representatives. These tailor-made solutions will naturally retain the high performance characteristics and advantages of all ALCA linear drains.





Shower drains ALCA tailor made



LINEAR SHOWER DRAINS ALCA

By Czech engineers







APZ-S9: 81 mm

















APZ-S12: 105 mm

NEW

The new shower drain APZ13

The stainless steel shower drain APZ13

complete system can be fitted with your

available - perforated stainless steel, full, embedded with tiles or prismatic grid.

chosen grid. There are several options

was designed as a modular product consisting of three drain length variants, with three compatible trap types. The



Modular system

inserted prismatic grid.

This system was designed with a vision

to allow the most simplistic selection of the right model. A set consists of three

basic components, the drain body, odour trap and grid. Drain body is universal for

all types of grids. It is sloped and you can choose from three height options. Odour trap is rotatable and offers three options to choose from. The main difference is in build height and the associated flow rate difference. The highest model has a flow rate of 58 l/min, which is ideal for new buildings and other places where space is not a concern. You can also select between low and extra-low options, which are intended for places with limited space options. The grids have several options. You can choose from a perforated models, minimalist full, embedded with tiles or with





Three height options of traps We have developed the traps to maintain the highest possible level of user confidence, as with all of our drains. These new models are designed to have excellent flow rates and ease of cleaning. We have provided the trap with fixing locks to avoid accidental removal or compromise to the integrity of the seals. Every trap comes complete with all necessary fixtures and fittings.

New manufacturing technology

For this drain, our engineers developed a special, fully automatic laser welding technology. The advanced technology allows precise welding of all stainless steel components into one assembly. This unique method gives the highest achievable level of quality and consistency.

Irresistible design that says "Touch me" – but the true beauty is hidden under the surface

We are proud to present our latest innovation. A modular shower drain that is adjustable in three easy steps to achieve a perfect fit for your bathroom both in terms of layout and connections.



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THE NEW LINEAR SHOWER DRAIN APZ13 ALCA





Individually adjustable anchor legs ensure trouble free installation, even when faced with significant unevenness of the underlying surface.



04 One piece construction with smooth finish

The body of shower drain ALCA is precisely rounded and surface finished using the latest technology designed, developed and build by ALCA engineers.

Form, finish and design enhance the users overall shower experience.



02 Safety locks

We developed the mechanism to provide maximum sealing, which guarantees stability during installation and long-term functionality in everyday use.



05 Sloping inner gradient

We have introduced a gradient toward the outflow. This ensures maximum water flow rate and simplifies manual cleaning.



03 Cleanable odour trap

The water odour trap is fitted with a screen that catches hair and other debris. Moreover, the screen is easily removable for trap cleaning without the use of chemicals.

Removal of the screen permits the use of standard tools for clearing obstructed pipes.



06 New grids for shower drain APZ13

Design concept of this drain allows the use of all types of grids. You can use basic perforated models, full grids from solid steel, grids which can be embedded with tiles and other materials, as well as a new model of prismatic grid. Therefore you have the absolute freedom in choosing the grid to complement your bathroom design.





Modular shower drain



Horizontal rotary trap provides unlimited possibilities for drain pipe connection in all directions. In addition, you do not need any other add-on fittings during the installation.





Your dreams are our inspiration



Waste system for installation in walls

The system is particularly suitable for areas with greater frequency of use, such as swimming pools, spas and wellness centers. The cover panel can be chosen in a gloss or matt finish, or it can be embedded with tiles that blend perfectly with your shower. Water flows into the drain only between the edge of the floor tiles and the cover of the drain system.

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WASTE SYSTEM

APZ5 SPA Installation depth: 64 mm Flow rate of the drain: 60 l/min Material: stainless steel



APZ5: 100 mm

60 l/min

SHADE

EDEN Cover stainless steel-polished





Drain ALCA LIGHT with lighting

Introducing shower drains ALCA LIGHT, which in combination with backlight option deliverers smooth subdued lighting, that underlines the functional and design solution of your bathroom.



RED AEZ123

RAINBOW

(RGB) AEZ124





TWIN

Cover for embedding tiles









Plastic linear shower drains

Plastic drains are economic solutions in the segment of shower drains. Use of another material makes it possible to reduce the costs while maintaining a relatively high performance. They are made of highly durable plastic that resists frost and chemicals. There is a choice of two types of drain, standard with double compartment trap system, or spacesaving model.

PLASTIC LINEAR SHOWER DRAINS

Two types of plastic shower drain







Shower drain Simple APZ8, APZ9 and APZ10

The basic model of plastic shower drain series features low building height of 62 mm which is particularly suitable for reconstructions and other builds, where there is a problem with a lack of space in the floor.

Each drain is a complete kit of drain with grid, height-adjustable legs with anchoring elements and waterproofing tape. We offer three grid design options.

Shower drain Optimal APZ12

Mid range shower drains suitable as an economical solution to projects and other places where it is required to comply with different standards. This drain has a sloped body and has a double compartment trap system with simple cleaning and flow rates up to 63 l/min. This eliminates the risk of flooding in your bathroom even with large-format shower head instalations, with high water flow rate. Adjustable plastic anchoring legs allowing fast and convenient installation and precise adjustment to the required level.

The grid is not included. We offer perforated grids, full grids or embedded with tiles or water-resistant wood.

Combined dry odour trap

All plastic shower drains contain the combined dry odour trap. This reduces the risk of penetrating odour from the sewer even after eventual water dry out in the trap.

This system is particularly suited for areas with low usage. To make cleaning traps extremely simple and fast, they can be completely disassembled up to the waste pipe.



30 l/min



Pinnacle of floor drain design

This new model of indoor drainage system was created as an alternative to our classic stainless steel shower drains. It gives customers another interesting option of bathroom drainage, while maintaining superior technical features and exceptional modern design. For those who prefer floor drains, or who for various reasons can not use shower drains, then these stainless steel floor drains are a clear choice.



STAINLESS STEEL FLOOR DRAINS

Beauty endures









Luxury in stainless steel

ALCA stainless steel floor drains are designed and developed to meet the high demands of modern bathroom design. Visible components are produced by precision manufacturing techniques from a single piece of stainless steel, ensuring a clean finish with no imperfections.

This design provides a compact unit suitable for all kinds of modern bathrooms. Stainless steel floor drains combine highly functional technical elements with clean design.

Alternative grid designs

For points drains you can choose from three types of grids and thus simply influence the final appearance. The most popular option is the use of point drains grid into which you can embed tiles and let the drain naturally blend with the bathroom floor.

The second type is a full grid made of one solid piece of stainless steel, which in conjunction with the drain's body, has a very compact appearance.

The third option is a perforated stainless steel grid, produced by precision water jet cutting ensuring a perfect fit into the body of the drain.

ŀ0	l/min	

50 l/min

58 l/min

Three height options of odour traps

Three types of odour traps can cope with any variation in mounting height. The extra-low option of trap, with a height of 55 mm, permits use in areas with minimum floor height whilst maintaining requried water flow rate. All three types of traps are designed to be easily cleaned without chemicals and do not require complicated installation and maintenance.

STAINLESS STEEL LINEAR SHOWER DRAINS ALCA









APZ1001, APZ1101 Low Shower drain with an edge for perforated grids, straight outlet (300, 550, 650, 750, 850, 950, 1050, 1150 mm)





APZ1004 Flexible, APZ1104 Flexible Low

Shower drain with an edge for perforated grids and adjustable vertical flange to the wall, straight outlet (550, 650, 750, 850, 950, 1050, 1150 mm)





APZ2001

Shower drain with an edge for perforated grids, without odour trap (300, 550, 650, 750, 850, 950, 1050, 1150 mm)





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For full grids

APZ6 Professional, APZ106 Professional Low Shower drain with an edge for full grids (300, 550, 650, 750, 850, 950, 1050, 1150 mm) APZ6: 95 mm 60 l/min Ø DN50 APZ106: 65 mm \bigcirc DN40 35 l/min

APZ16 Wall, APZ116 Wall Low

Shower drain with an edge for full grids and fixed vertical flange to the wall (300, 550, 650, 750, 850, 950, 1050, Ν 1150 mm) ٥ \bigcirc DN50 APZ16: 95 mm 60 l/min Ø DN40 35 l/min APZ116: 65 mm

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Shower drain with an edge for full grids, straight outlet (300, 550, 650, 750, 850, 950, 1050, 1150 mm) Ø DN50 ٥ APZ1006: 95 mm 68 l/min APZ1106: 65 mm Ø DN40 44 l/min n APZ1016 Wall, APZ1116 Wall Low Shower drain with an edge for full grids and fixed vertical flange to the wall, straight outlet (300, 550, 650, 750, 850, 950, 1050, 1150 mm) APZ1016: 95 mm Ø DN50 68 l/min 44 l/min APZ1116: 65 mm Ø DN40 n DESIGN DESIGN DESIGN-ANTIC POSH POSH

APZ1006 Professional, APZ1106 Professional Low





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Waste system

APZ5 Spa Waste system for installation in walls, cover stainless steel-polished (650, 750, 850, 950, 1050 mm)



APZ5 Spa	backlight	Le	ength varieties of b	acklighting for AP2	Z5 Spa shower drai	ns
Lighting colour	Length of the drain (mm)	650	750	850	950	1050
White	Code of backlighting in the length of the drain	AEZ 120-650	AEZ 120-750	AEZ 120-850	AEZ 120-950	AEZ 120-10
Blue		AEZ 121-650	AEZ 121-750	AEZ 121-850	AEZ 121-950	AEZ 121-10
Green		AEZ 122-650	AEZ 122-750	AEZ 122-850	AEZ 122-950	AEZ 122-10
Red		AEZ 123-650	AEZ 123-750	AEZ 123-850	AEZ 123-950	AEZ 123-10
Rainbow		AEZ 124-650	AEZ 124-750	AEZ 124-850	AEZ 124-950	AEZ 124-10

Antivandal

EDEN

SHADE

TWIN

101

APZ11, APZ111 Low Shower drain Antivandal with grid (300, 550, 650, 750, 850, 950, 1050, 1150 mm)







Stainless steel shower drain APZ13 Modular	1	
Configuration of shower drain APZ13 Modular	APZ-S6 Extra-low trap DN40 and set of adjustable legs	
2		
3	APZ-S6: 54 mm	🖉 DN40 🖒 40 l/min
01	Low trap DN50 and set of adjustable legs	
INSERT SMILE CODE ZIP		P -]
ROUTE STREAM	APZ-59: 81 mm	💋 DN50 🖒 50 l/min
	APZ-S12	
APZ13 Modular Shower drain (750, 850, 950 mm)	Trap DN50 and set of adjustable legs	- 1
		P.
	APZ-S12: 105 mm	Ø DN50 👌 58 l/min





Grid included in the packaging

PLASTIC LINEAR SHOWER DRAINS





For perforated grids, full grids or embedding tiles

APZ12 Optimal

Shower drain with an edge for perforated grids or tile embedding (750, 850, 950, 1050 mm)



1000 APZ12: 85 mm









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Corner shower drain





SPECIFICATIONS OF SHOWER DRAINS ALCA



Low installation height:

55 mm for drains with an outlet pipe diameter of 40 mm (suitable for renovations). 85 mm for drains with an outlet pipe diameter of 50 mm (suitable for new buildings).



25 Year Warranty
25 Tear Wallanty

High flow rate

Completely

cleanable trap

(up to 68 l/min)

Maximum water flow rate:

itself by a styrofoam insert.

68 l/min for drains with an outlet pipe diameter of 50 mm. 44 l/min for drains with an outlet pipe diameter of 40 mm.



Two traps in one: The high flow rate achieved by the double compartment trap system.

Material used: Stainless Steel DIN 1.4301 (EN 17240).

Pickling and passivation, electrochemical polishing.

The collar and trap are protected by foil, and the channel

Protection against dirt during installation:

Treatments of materials employed:



Used material: polypropylene

compartment trap system

Set of 2 pieces for 1 linear shower drain

Possible to replace the built-in linear shower drain

Flow rate of 68 l/min

Construction: 2 outlet compartments, 2 removable inlet parts and 2 protective grid traps.

Cleanability: The protective grid trap will catch most of the dirt, but by removing it and the inlet part you can clean the drain all the way to the waste pipe!

Optional accessories for stainless steel shower drains with double

For areas such as recreation facilities, utility rooms and premises with seasonal use the associated possibility of drying out of the water trap

Compatible with stainless steel linear drains APZ1, APZ4, APZ5, APZ6.

APZ16, APZ1016, APZ11, APZ1001, APZ1011, APZ1004, APZ1006, ARZ1

can be eliminated by installation of a combined dry odour trap.





If there is no water flow through the waste, the flaps remain closed and even when the water seal dries out they still prevent odours rising from the sewer.



In normal use the flaps open and close to allow the water to drain out.



Complete package

includes all

accessories

Tailor made

solutions available

Visit us on the Web

Complete package includes all accessories:

- Shower drain pre-assembled with a trap
- Installation set (bolts, plugs)
- Waterproofing tape
- Protective foil covering for the collar and inlet pipe, and protective insert for drainage channel

Length range: 300–2,200 mm for a single section. Lengths greater than 2,200 mm can be achieved by connecting sections as required.

Height variants: Different edge heights and depths of the drainage channel can be supplied on request.

Odour trap: Can be positioned wherever the customer wishes. Depending on the water flow, more than one trap can be used in a single drain.

Material: Standard stainless steel DIN 1.4301, EN 17240. For aggressive environments (swimming pools) stainless steel DIN 1.4404, EN 17349.

Maintenance

a month. Do not use sharp objects or abrasives for cleaning as that can damage the surface of the grid. More www.alcaplast.com

Grid maintenance





4 concrete screed 5 primer coat 6 waterproofing tape

Combined dry odour trap



IIIII IIIII

11111 11111 11111

TILLE BALLS LINES BALLS



To maintain a perfect look, clean the system at least once





7 waterproofing material 8 adhesive

10 flexible filler 11 installation legs 12 grid ALCA



Tradition, quality, innovation and design – these, along with the craftsmanship of our team, give shape to ALCAPLAST.

ALCA – A PREMIUM BRAND

Premium brand ALCA represents a number of design products thoroughly elaborated with high utility value with ALCAPLAST being the creator of new trends in sanitary technology. Our cooperation with leading Czech designers in creating new product lines has won us several prestigious awards.





COMPANY FOUNDATION

Czech family business which was founded in 1998. At that time, we produced only two products – fill and flushing valve. The current wide range of ALCAPLAST products has become the best selling in their field in many countries all over the world.



CZECH PRODUCT FROM CZECH ENGINEERS

Quality, technical solutions, innovation, design – these are the primary characteristics of ALCAPLAST products. The high level of professionalism and skill of our Czech technicians is based on the historical tradition of Czech industry, which is over 100 years old, and renowned worldwide for its top quality products that are modern and extremely reliable.

QUALITY CONTROL

The production process is controlled by the quality management system ISO 9001:2008 and is certified by Det Norske Veritas. The products are tested and certified by the Institute for Testing and Certification ITC Zlin in the Czech Republic and OFI in Austria. All products are continuously monitored in our own in house laboratory guaranteeing a high level of quality and reliability.



MANAGER OF THE YEAR 2015

Victory of our Executive Director Radka Prokopová in the most prestigious managerial competition in the Czech Republic by winning the award and title of "Manager of the Year 2015" for the implementation of modern methods of corporate management.



ALCAPLAST ACADEMY

The Alcaplast Academy was established in 2009. The training center was introduced to support education of ALCAPLAST customers based on the presentation and direct professional training associated with our products. Alcaplast Academy was ranked second in the category of training centers in "Business Project 2010". Over 3,000 professionals pass through our training every year. They are a guarantee of professional installation and technical support in the market.

Alca PLAST® Academy

ŠKOLICÍ STŘEDISKO TRAINING CENTRE





SIX INTERNATIONAL BRANCHES ALCAPLAST

We design our products so that they can simplify life across many countries. They are universal and they meet demanding international standards. ALCAPLAST distribution warehouses and sales teams in countries outside of the Czech Republic provide flexible communication and service to our customers.



The ALCAPLAST team of specialists is always on hand to help with design, installation and quote project prices!

Czech product ISO 9001:2008

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EN 55014-1, EN 55014-2, EN 61000-6, EN 61000-4 NV 616/2006 Coll. amended 2011/95/EC including amendments



CZECH REPUBLIC

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