

Product Catalogue



Alca PLAST®





ALCA Wash-basin
wastes and traps

Linear shower drains



- 25 year warranty
- Double trap cover
- Low installation height (100,110 mm)
- Narrow profile grid
- Top quality stainless steel material
- Thorough clean up to waste pipe
- High flow rate – 60 l/min
(compatible with huge shower heads)
- Original ALCA drain and grid design



The clean lines of the area, elegance, harmony, attention to detail and perfection. Already at the time of bathroom being designed as an area with specific purpose, its furnishings presented an opportunity for using new appropriate products. This trend continues. To achieve your own style, ALCA pre-wall installation systems will enable you to hang sanitary objects freely. Your idea will therefore be implemented with the attention to detail and in harmony with the remaining fittings of your bathroom and with your own elegance within the clean lines of the area.

Pre-wall installation toilet systems

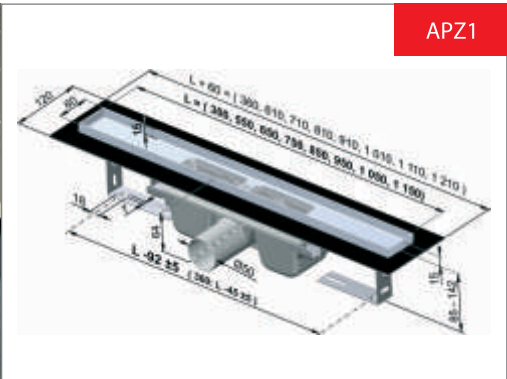
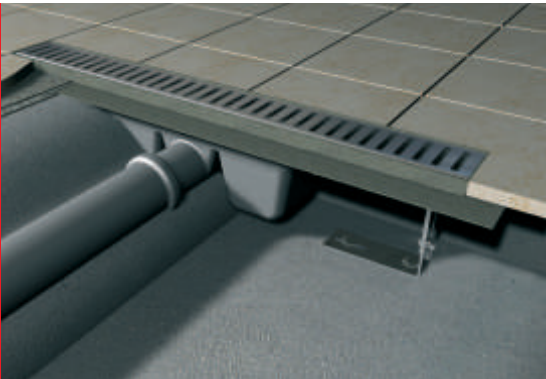


Pre-wall Installation systems

ALCA Shower
drains

Stainless steel linear shower drain

APZ1



Universal shower drain designated for all floor tiles | Mini mum concrete thic kness **of 100 mm including the tiles**

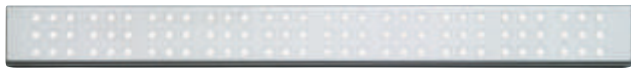
APZ	Corner	Grid code	Drain code APZ1
Grid name	width mm	Matt	
LINE	MINI	LINE-300M	APZ1-300 APZ1-550 APZ1-650 APZ1-750 APZ1-850 APZ1-950 APZ1-1050 APZ1-1150
	600	LINE-550M	
	700	LINE-650M	
	800	LINE-750M	
	900	LINE-850M	
	1000	LINE-950M	
	1100	LINE-1050M	
	1200	LINE-1150M	
PURE	800	PURE-750M	
	900	PURE-850M	
	1000	PURE-950M	
	1100	PURE-1050M	
	1200	PURE-1150M	
CUBE	800	CUBE-750M	
	900	CUBE-850M	
	1000	CUBE-950M	
	1100	CUBE-1050M	
	1200	CUBE-1150M	
HOPE	800	HOPE-750M	
	900	HOPE-850M	
	1000	HOPE-950M	
	1100	HOPE-1050M	
	1200	HOPE-1150M	
BUBLE	800	BUBLE-750M	
	900	BUBLE-850M	
	1000	BUBLE-950M	
	1100	BUBLE-1050M	
	1200	BUBLE-1150M	
DREAM	800	DREAM-750M	
	900	DREAM-850M	
	1000	DREAM-950M	
	1100	DREAM-1050M	
	1200	DREAM-1150M	



LINE



PURE



CUBE



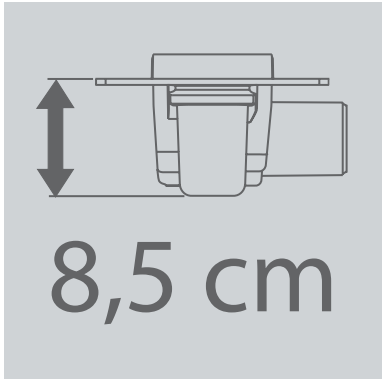
HOPE



BUBLE



DREAM



Plastic linear shower drain

APZ8 simple



APZ8



Minimum concrete thickness of **62 mm** | Expected tile thickness is 12 mm | 3 lengths in selection

Plastic linear shower drain

APZ9 simple



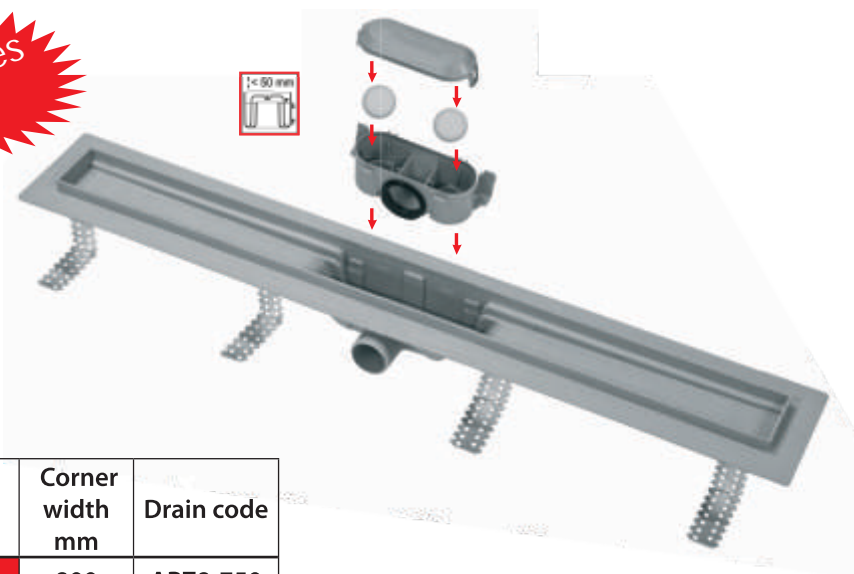
APZ9



Minimum concrete thickness of **62 mm** | Expected tile thickness is 12 mm | 3 lengths in selection

Benefits

- low construction height of only 6.2 cm - suitable for reconstructions
- easy demountability and cleanability up to waste pipe (Ø40mm)
- increased resistance to chemicals
- secure connection to the water-proofing
- combined trap (Alcaplast's patented solution!)
- three length varieties (750, 850, 950 mm)
- flow rate 30 l/min



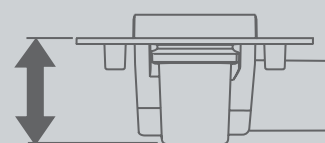
Material

Highly durable plastic resistant to frost, chemical and mechanical damage.

Drain

Fully demountable and easy to clean | consists of two chambers | works on the principle of combined trap | dry ap to stop the drain from drying out.

APZ	Corner width mm	Drain code
APZ8	800	APZ8-750
	900	APZ8-850
	1000	APZ8-950
APZ9	800	APZ9-750
	900	APZ9-850
	1000	APZ9-950



6,2 cm

Benefits of pre-wall installation WC systems Alcamodul, Sádromodul

ONE-PIECE TANK

- 100% pressure control of every piece
- long life-span
- resistance to temperature ganges, flexible material



ACCESSORIES

- elegant flush plates designed by re-known Czech designer Barbora Škorpilová
- Wide range of accessories and spare parts

PERFECT ARMATURES

- quiet, fast and precise
- the construction is designed so that it ensures a long term functioning even with the presence of lime scale



FLUSH PLATE FITTING

- easy and fast to dismantle
- tank easy to access without the use of tools

Pre-wall installation toilet systems

The valves inside the tank are accessible through the maintenance opening behind the flush plate. The use of ALCAPLAST installation modules in bathrooms and toilets is getting increasingly more popular. The reason is not only a strict compliance with exact connecting measurements for fitting objects, but also the installation speed. The NEW ALCA modules represent a whole range of improvements that increase their functionality and reliability.

Both the inlet and flush valve can be found inside the system tank. Both these ALCAPLAST armatures excel at a precise, quiet and reliable operation. Their constructional solution is based on tested shapes and together with used materials create a harmonious and efficient system.

ALCAMODUL



ANGLE VALVE SCHELL

- tried and tested model of the valve accentuates the emphasis that is given to the selected armatures
- the valve acts as a seal, and is operational even after many years of use



COVER OF THE MAINTANANCE OPENING FOR PLASTERING

- easy to cut around along the grooves to fit against the wall
- covers the opening of the module for the whole time of installation and thus prevents any impurities from falling into the tank
- ensures appropriate fitting

POLYSTYRENE FILLER BETWEEN THE TANK AND THE CONSOLE

- it protects against condensation
- lowers the noise permeability
- restricts the need of plastering

CONSOLE

- easy to install for one person

Basicmodul Slim

A1112

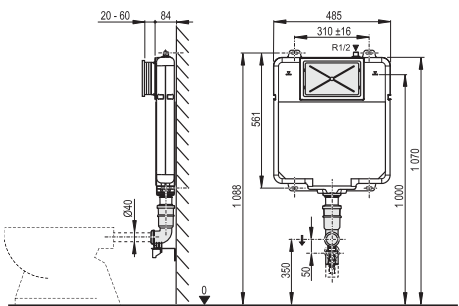
Wall concealed WC tank

This is a module intended to be walled in and connected to the floor standing WC bowl. Thickness of the module is only 8 cm. The water inlet elbow is height adjustable. The container volume is 9 l (pre-adjusted to flush 3/6 liters). The tank is covered with polystyrene to make easier the bonding of mortar or construction adhesive.



RELIABLE AND ECONOMICAL FILLING AND FLUSHING VALVES

Technical drawing



Height varieties

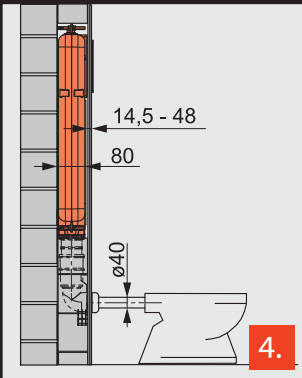
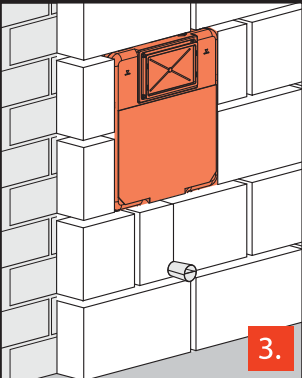
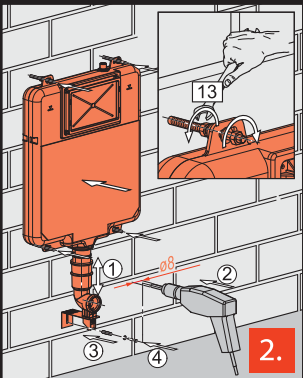
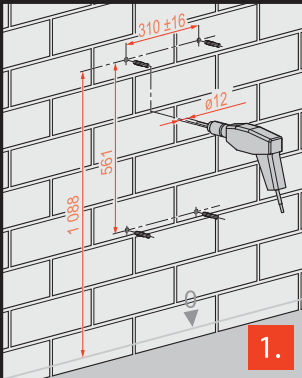


A1112/1000

Packaging – outer box	1 pc
Size – outer box	970x105x520 mm
Weight – outer box	6 kg
Flush volume	3/6 l
Headroom	1070 mm



Installation instructions



Alcamodul

A100

This is a module intended for building into solid walls and being walled in. A robust supporting bracket with spare load capacity exceeding the required 400 kg guarantees the high rigidity of the toilet connection to the wall. The dimensions and construction of the console simplifies system installation to the maximum extent. The console is adjustable for varying width between fixing screws on the toilet pan, either 180 or 230 mm. The construction of polystyrene filler simplifies the installation into the wall and prevents condensation forming on the surface of the cistern. Besides which it deadens the sound from the system back into the building construction. When using fibreglass plumbing mesh it is possible to glue tiles directly onto the polystyrene filler.

Packaging – outer box	1 pc
Size – outer box	1050x140x480 mm
Weight – outer box	7,7 kg
Flush volume	3/6 l
Headroom	1062 mm

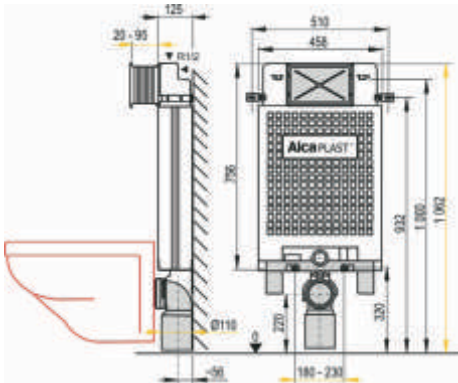


Pre-wall installation system for building into solid walls



EASY TO INSTALL
FOR ONE PERSON

Technical drawing



Height varieties



A100-1000

POLYSTYRENE
FILLER BETWEEN THE
TANK AND
THE CONSOLE

Tank thickness



MODUL



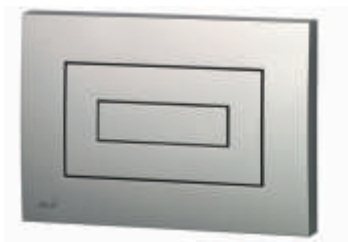
SLIMMODUL

ALCA Flush Plates

Basic line



The functional mechanism of ALCA pre-wall installation systems is elaborately manufactured to the last detail. All parts have to fit tightly and precisely. Pre-wall installation systems are connected to the surrounding area through flush plates that represent the impression of a thoroughly functioning mechanism.



M472
Chrome – matt



M470
White



M471
Chrome – polished



M478
Black



M475
Gold

Flush plate dimension 247 x 165

Packaging – outer box	25 pc
Size – outer box	590x390x240 mm
Weight – outer box	9,5 kg
Flush plate dimension	247x165 mm



M372
Chrome – matt



M370
White



M371
Chrome – polished



M378
Black



M375
Gold

Flush plate dimension 247 x 165



M272
Chrome – matt



M270
White



M271
Chrome – polished



M277
Anthracite



M275
Gold

Flush plate dimension 247 x 165



M172
Chrome – matt



M170
White



M171
Chrome – polished



M173
Combination
plate – polished, flush – matt



M175
Gold

Flush plate dimension 247 x 165



M72
Chrome – matt



M70
White



M71
Chrome – polished



M73
Combination
plate – polished, flush – matt



M75
Gold

Flush plate dimension 247 x 165

Slimbox



Sometimes, during refurbishment but also when building new toilets and bathrooms you have to deal with situations when it is not possible to incorporate a standard pre-wall installation system, whether directly into solid walls (ALCAMODUL, RENOVMODUL) or plasterboard (SÁDROMODUL). For such situations, we have developed SÁDROMODUL SLIM and its cover the SLIMBOX. This solution requires minimum building preparation and offers the possibility to use an existing drain outlet. This solution retains the advantages of wall hung toilet (easy to clean, durability and stability) and pre-wall installation systems (extra space, quiet filling, easy maintenance). The SLIMBOX will create an original architectural feature in your bathroom.

Packaging – outer box	1 pc
Size – outer box	1275x140x645 mm
Weight – outer box	18 kg
Headroom	1200 mm

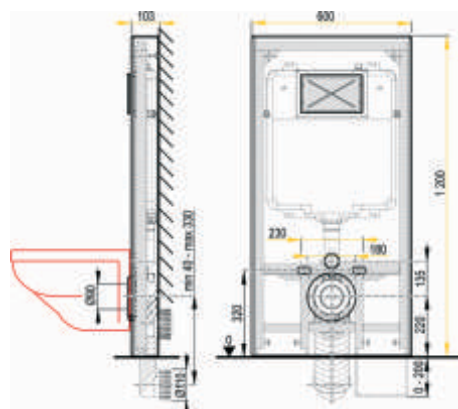


Cover + A1101/1200 Sádromodul Slim



SPACE SAVING

Technical drawing



ALCA Flush plates



4 color variants

Slimbox M1200 -1207 is made of artificial marble. This material provides high strength and stiffness of the cover in addition to a great user experience along with excellent technical properties. The high gloss surface is pore-free and cleaning with a damp cloth is sufficient.



M1200



M1204



M1206



M1207

Floor drains

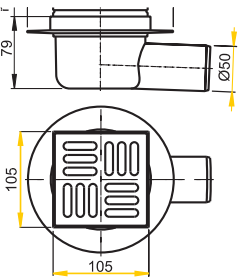
APV101, APV102,
APV103, APV1



The floor drains have proved very successful in flats, hotels, schools, public washrooms and showers. The floor drain grating is made in accordance with EN1253 standard and thus complies with the requirements for safe barefoot walking. Its design ensures easy access for cleaning , along with good flow rates. Precise component joints are equipped with rubber o-rings, which prevent leaks from the floor drain into the surrounding surface.

APV101

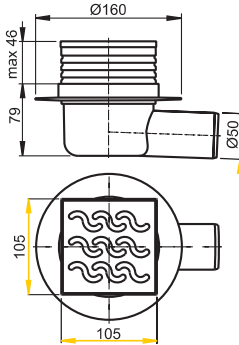
Floor drain 105x105/50 side outlet, brass-chrome plate grid



Packaging – outer box	18 pcs
Size – outer box	590x390x430 mm
Weight – outer box	12,6 kg
Load class K3	300 kg

APV102

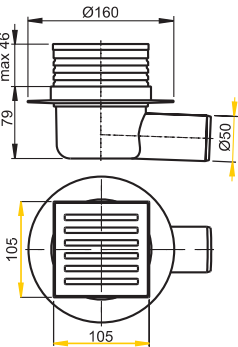
Floor drain 105x105/50 side outlet, brass-chrome plate grid



Packaging – outer box	18 pcs
Size – outer box	590x390x430 mm
Weight – outer box	12,6 kg
Load class K3	300 kg

APV103

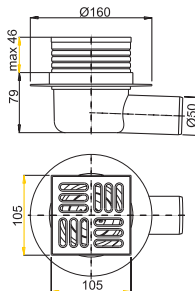
Floor drain 105x105/50 side outlet, brass-chrome plate grid



Packaging – outer box	18 pcs
Size – outer box	590x390x430 mm
Weight – outer box	12,6 kg
Load class K3	300 kg

APV1

Floor drain 105x105/50 side outlet stainless steel

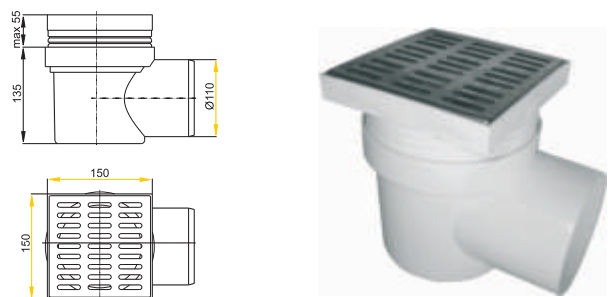


Packaging - outer box	25 pc
Size - outer box	590x390x430 mm
Weight - outer box	9,0 kg
Flow rate	44 l/min

Floor drains

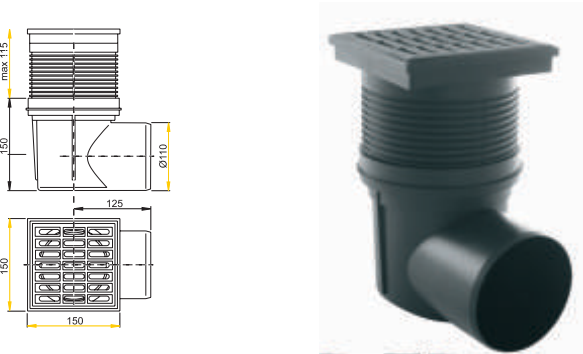
APV12, AKV1,
AGV1, AGV2, AGV3

APV12
Floor drain 150x150/110 side outlet, stainless steel



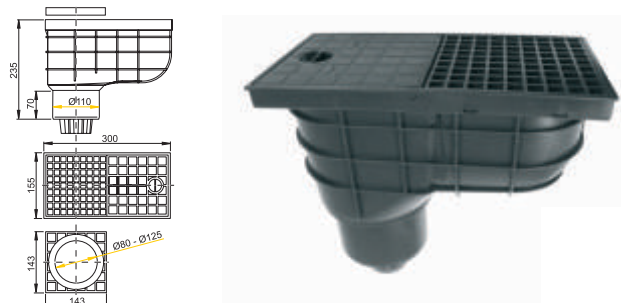
Packaging - outer box	10 pc
Size - outer box	590x390x430 mm
Weight - outer box	8,5 kg
Flow rate	84 l/min

AKV1
Floor drain 150x150/110 side outlet, black



Packaging - outer box	6 pc
Size - outer box	425x315x425 mm
Weight - outer box	5,5 kg
Flow rate	130 l/min

AGV1
Rain drum 305x155/110, straight outle, black



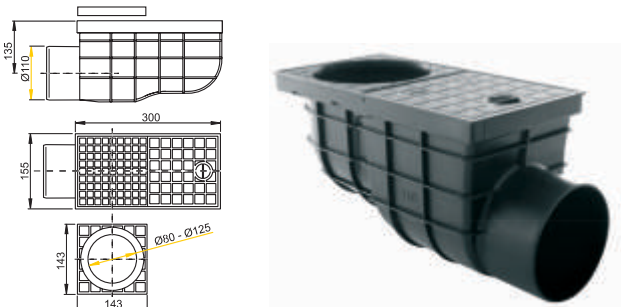
Packaging - outer box	5 pc
Size - outer box	330x345x450 mm
Weight - outer box	6 kg
Flow rate	400 l/min

AGV2
Rain drum 305x155/125, straight outlet, black



Packaging - outer box	5pc
Size - outer box	330x345x350 mm
Weight - outer box	6 kg
Flow rate	550 l/min

AGV3
Rain drum 305x155/110, side outlet, black



Packaging - outer box	4 pc
Size - outer box	380x375x345 mm
Weight - outer box	5,3 kg
Flow rate	400 l/min

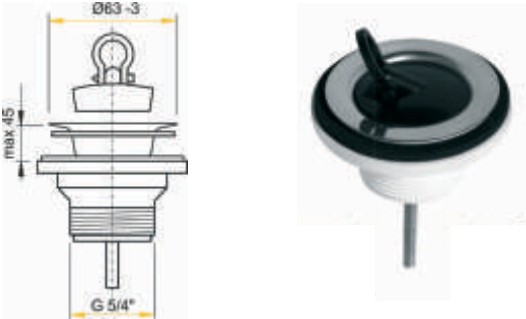
Wash-basin traps

A31, A41, A42, A43,
A412



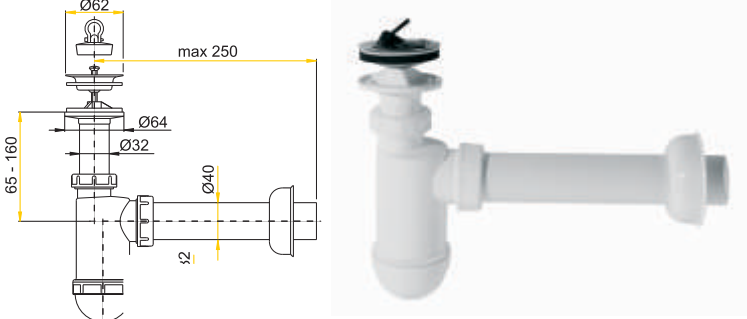
The number of wash-basin traps extends to form an entire range, usually made from polypropylene, a material resistant to temperatures as high as 100°C, and also to common cleaning agents found in homes or in public buildings. Plugs are manufactured from PVC, and gratings from polished stainless steel or white plastic.

A31
Wash-basin waste 5/4" with stainless steel grid ø63



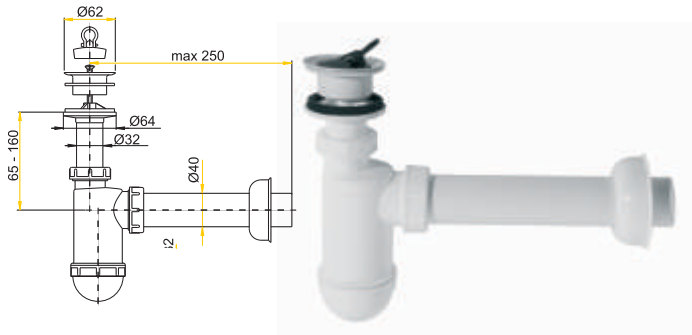
Packaging - outer box	100 pc
Size - outer box	590x390x240 mm
Weight - outer box	7,8 kg

A41
Wash-basin waste and trap with stainless steel grid ø63 [ø40]



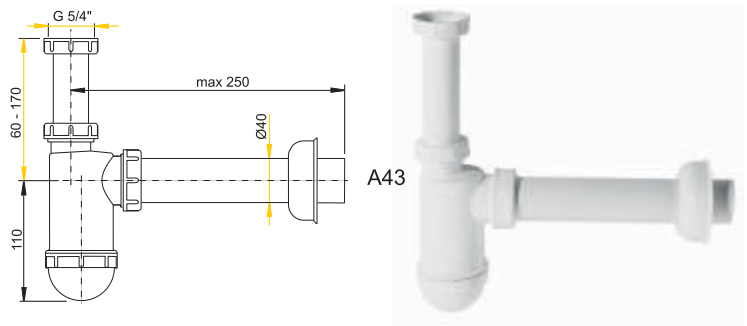
Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	7,1 kg

A42
Wash-basin waste and trap with plastic grid ø63 [ø40]



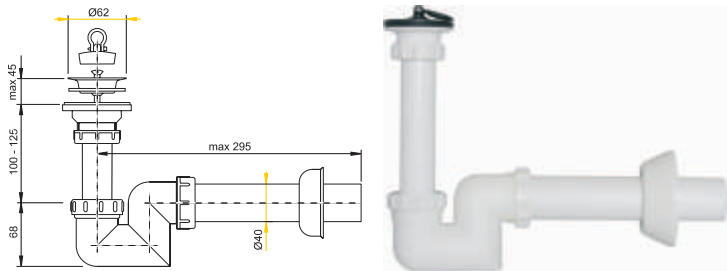
Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	6,9 kg

A43
Wash-basin trap, 5/4" [ø40]



Packaging - outer box	25 pcs
Size - outer box	590x390x240 mm
Weight - outer box	5,9 kg

A412
Wash-basin waste and trap "S" with stainless grid ø63 [ø40]



Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	5,4 kg

Sink traps

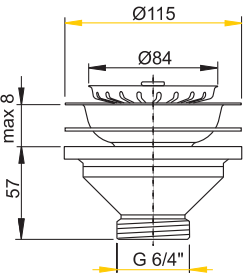
A446, 453P, A800



Sink traps are usually made from polypropylene, a material resistant to temperatures as high as 100°C, and also to common cleaning agents found in homes or in public buildings. Plugs are manufactured from PVC, and gratings from polished stainless steel or white plastic. All connections are equipped with flaps preventing penetration of dirt into the connected appliances.

A37

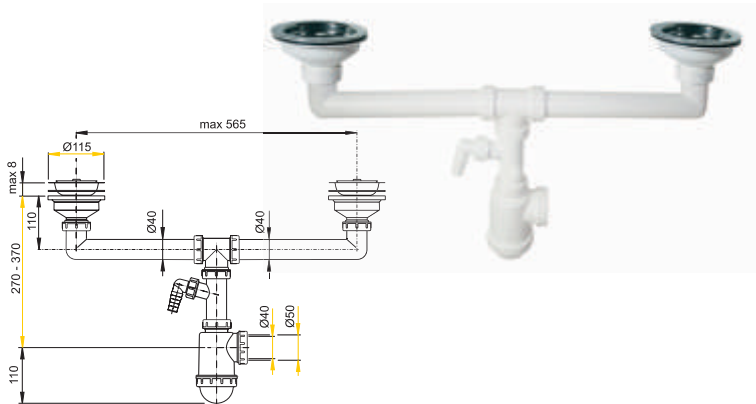
Sink waste 6/4" with stainless steel grid Ø115



Packaging – outer box	50 pcs
Size – outer box	590x390x240 mm
Weight – outer box	11,6 kg

A453P

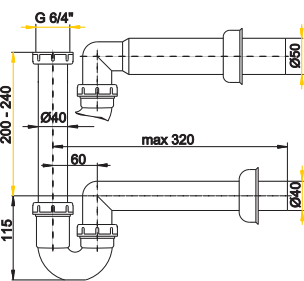
Double sink wastes and trap with stainless steel grids Ø115 and connector



Packaging - outer box	10 pc
Size - outer box	590x390x430 mm
Weight - outer box	9 kg

A80 Ø40, Ø50

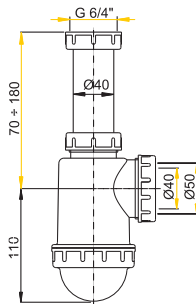
Pipe trap 6/4"



Packaging – outer box	20 pcs
Size – outer box	590x390x240 mm
Weight – outer box	6 kg

A443 Ø50/40

Sink trap 6/4"



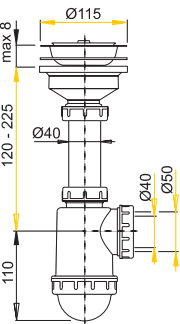
Packaging – outer box	25 pcs
Size – outer box	590x390x240 mm
Weight – outer box	6,5 kg

Sink traps

A446, 453P, A800

A446 ø50/40

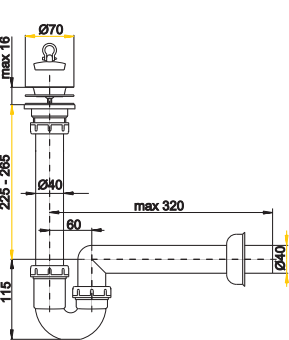
Sink waste and trap with stainless steel grid ø115



Packaging - outer box	15 pc
Size - outer box	590x390x240 mm
Weight - outer box	6,9 kg

A800 ø40

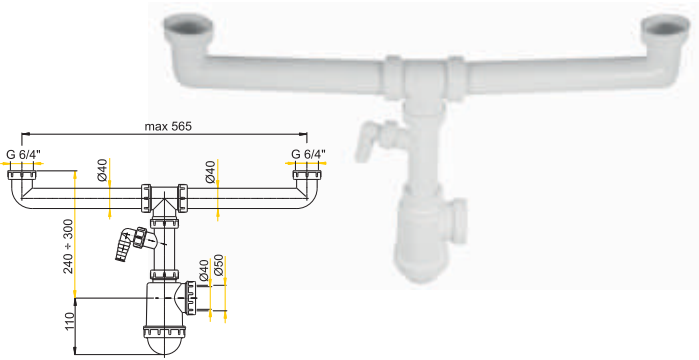
Sink waste and pipe trap with stainless steel grid ø70



Packaging - outer box	20 pc
Size - outer box	590x390x240 mm
Weight - outer box	7,4 kg

A448P ø50/40

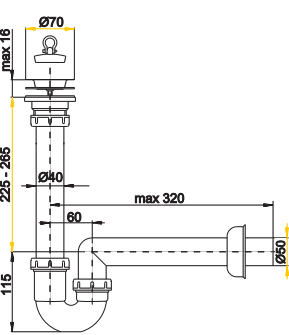
Double sink trap 6/4" and connector



Packaging – outer box	10 pcs
Size – outer box	590x390x240 mm
Weight – outer box	3,6 kg

A800 ø50

Sink waste and pipe trap with stainless steel grid ø70



Packaging - outer box	20 pc
Size - outer box	590x390x240 mm
Weight - outer box	7,4 kg

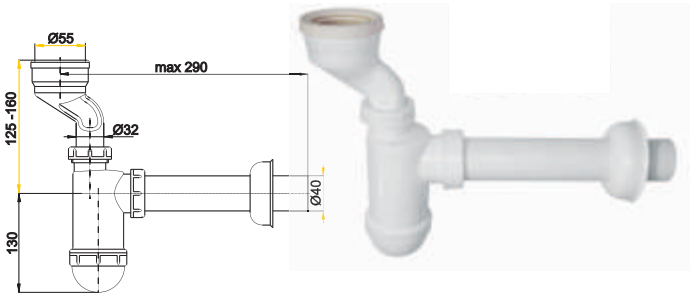
Urinal traps

A45A, A45B, A45C, A45F



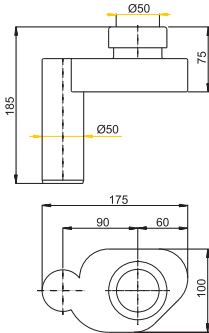
Different models of urinal traps are moulded from plastic. Simple and quick installation is their advantage. A45B, C - built-in urinal traps with sealing for urinal connection and horizontal or vertical discharge pipe. Owing to the shape of their internal disposition, the effect of “suction” of water from the urinal is created when water flows through it.

A45A
Urinal trap with rubber sleeve



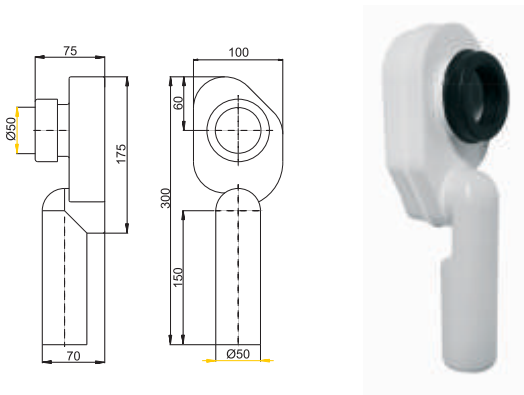
Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	6,7 kg

A45B
Urinal trap horizontal outlet



Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	6,5 kg

A45C
Urinal trap vertical outlet



Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	6,5 kg

A45F
Plastic bidet trap ø40



Packaging - outer box	25 pc
Size - outer box	590x390x240 mm
Weight - outer box	3,6 kg

WC accessories

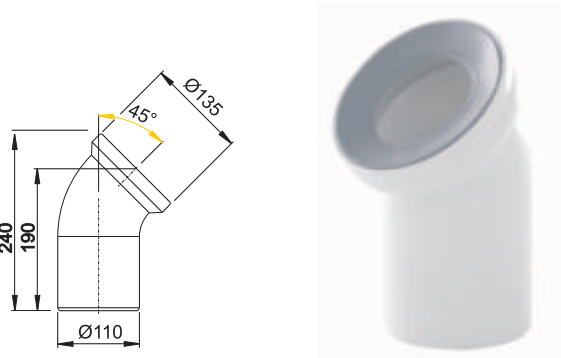
A90-45, A90-90
A90-90P40, A91-150



Our range of products enables safe and also effective connection of a toilet pan virtually in any standard situation. It is important to be able to rely on the quality of the components used. ALCAPLAST sealing is guaranteed.

A90-45

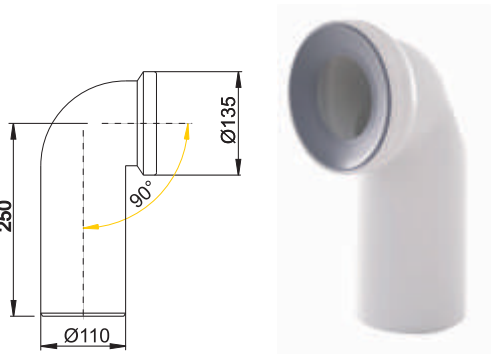
WC connector - elbow 45°



Packaging - outer box	20 pc
Size - outer box	590x390x430 mm
Weight - outer box	5,9 kg

A90-90

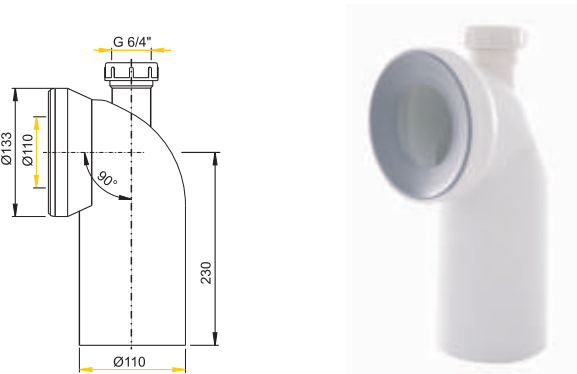
WC connector – elbow 90°



Packaging - outer box	20 pc
Size - outer box	590x390x430 mm
Weight - outer box	5 kg

A90-90P40

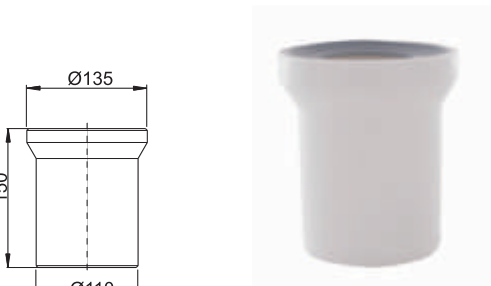
WC connector - elbow 90° with connector ø 40



Packaging - outer box	12 pc
Size - outer box	590x390x430 mm
Weight - outer box	6,0 kg

A91-150

WC connector – length 150 mm

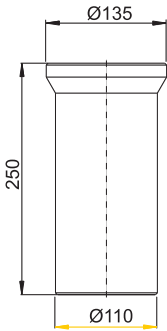


Packaging - outer box	30 pc
Size - outer box	590x390x430 mm
Weight - outer box	7 kg

WC accessories

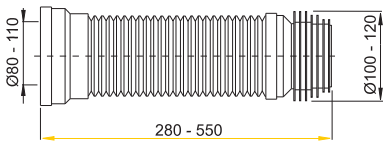
A91-250, A97

A91-250
WC connector – length 250 mm

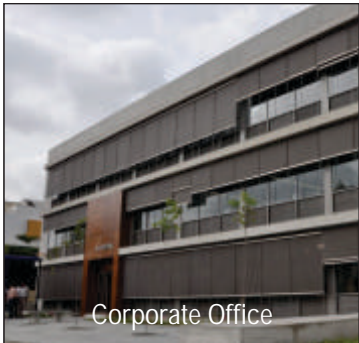


Packaging - outer box	20 pc
Size - outer box	590x390x430 mm
Weight - outer box	6,5 kg

A97
WC flexi connector



Packaging - outer box	20 pc
Size - outer box	580x380x420 mm
Weight - outer box	12,7 kg



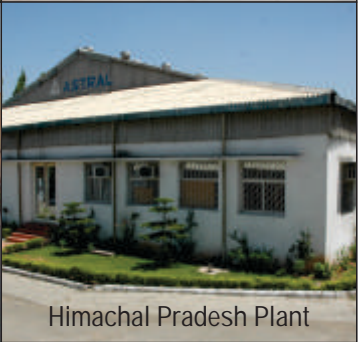
Corporate Office



Dholka Plant



Santej Plant



Himachal Pradesh Plant

ASTRAL POLY TECHNIK LIMITED is the first licensee of Lubrizol of USA (formerly known as Noveon) in India and have equity joint venture with Specialty Process LLC of USA (manufacturing CPVC plumbing system since 28 years) to manufacture and market advanced CPVC plumbing system in India.

ASTRAL POLY TECHNIK LIMITED was established in 1999 with a single minded purpose to manufacture absolutely the best plumbing system in India. ASTRAL today manufactures CPVC plumbing systems for both residential and industrial applications, ASTM solvent weld lead free uPVC plumbing system, CPVC fire sprinkler system, CPVC multi layer composite piping system, Foamcore pipes, Under Ground drainage system, Column Pipes for submersible pumps and piping system for soil, waste and rain water.

ASTRAL POLY TECHNIK LIMITED is equipped with state of art production facilities at Ahmedabad, Dholka and Himachal Pradesh to manufacture plumbing systems from 15 mm (½") to 300 mm (12") with all kinds of necessary fittings.

Looking to ASTRAL'S growth and potentiality of the plumbing market ASTRAL is planning to have its upcoming production facilities at Hosur (Tamilnadu) to enhance production volume. ASTRAL have now full fledged offices at Mumbai, New Delhi, Bengaluru, Secunderabad and Chennai and company Depot at New Delhi, Coimbatore, Bengaluru, Vijayawada and Goa.

Our team of specialists is always on hand to help with design, installation and to quote project prices of our products!

Czech product

ISO 9001:2008

Edition 1/A 2011
Changes in dimensions and designs reserved

Exclusive Distributor For
Alcaplast Products In India



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