

Amazing Water

Purifying
Moving
Shaping
Vitalising
Illuminating
Installing



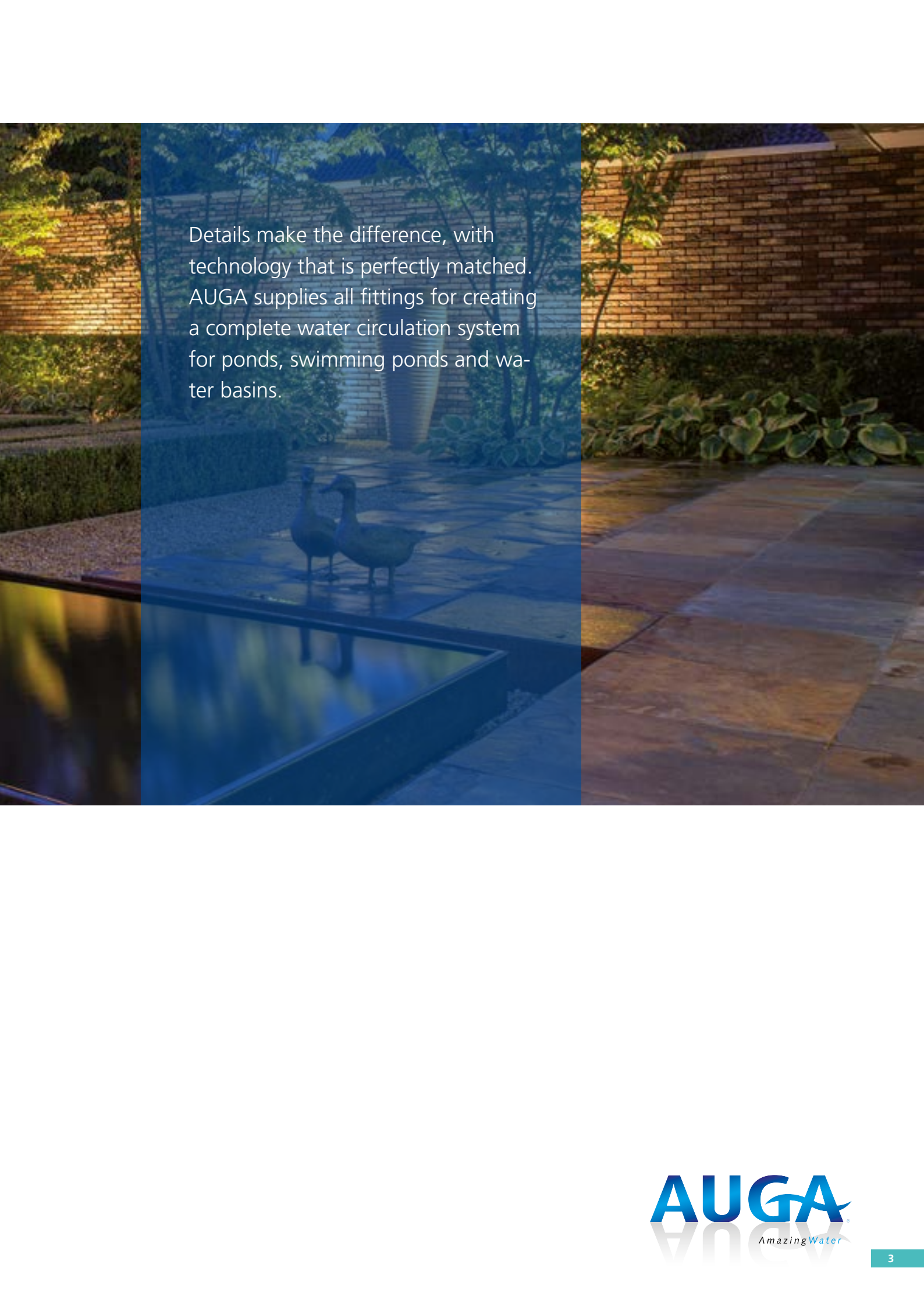
Fittings, connection materials, PVC fittings

Programme and technical specifications 2026

WATER INSTALLING



Pond construction



Details make the difference, with technology that is perfectly matched. AUGA supplies all fittings for creating a complete water circulation system for ponds, swimming ponds and water basins.





WATER

Installing a water feature begins with good pre-
-paration, by including in the design all fittings that can be
fitted in a wall or floor. Not only aesthetically sound, but also
practical, since fitting them afterwards is no longer possible.



CONSTRUCTION

What has once been installed underground cannot simply be
removed again. A careful choice of the right pipes,
couplings and other water-carrying fittings is of great impor-
tance to avoid poorly
to avoid.

INSTALLING WATER

Bottom/wall drains for liner ponds

Bottom drains are plastic “sump pits” that are connected to PVC pipe or hose and lead water to a filter/pump system. These feed-throughs create the water circulation.

Type	Connection ø mm	Material	Colour	Art. no.
Bottom drain 50	50	ABS	Black	901052
Bottom drain 110	110	ABS	Black	901074
Wall drain 110 / 125	110 / 125	ABS	Black	901065
Flat grille for 901065	–	PE	Black	901066

- Can be glued to PVC pipe.
- Suitable for liner ponds.
- Drain 50 and 110 with height-adjustable dome.
- Stainless steel screws.

A drain 110 mm, connected to a PVC pipe Ø 110 mm, can pass a max. capacity of approximately 11 m³/h, under gravity flow. A drain 50 mm, connected to a PVC pipe Ø 50 mm, can pass a max. capacity of approximately 5 m³/h, under gravity flow.

Wall drain 125/110 with grille



Bottom drain 110 with dome



Application

- **Use as bottom drain**
Bottom drains are used to remove water containing bottom debris, which enters a pond by wind-blown deposits and sinks, or is caused by fish stocking, particularly koi. The catchment radius for carrying away debris from the bottom around the bottom drain is limited, depending on the size and design of the pond, installing multiple bottom drains is therefore necessary. The “dome” acts as a domed cover and is height-adjustable, depending on fish stocking. The drain with a flat grille allows overflow for use in swimming ponds.
- **Use as wall drain**
The wall drain 110 with grille is suitable for installation in side walls.

Insert grille and insert dome for bottom drain 110

The flat insert pieces are specially developed for use in swimming ponds and allow overflow. The insert dome can remove coarse debris such as leaves.

Type	Suitable for	Material	Colour	Art. no.
Insert grille	Bottom drain 110	PE	Black	901075
Insert dome	Bottom drain 110	PE	Black	901076

- Easy to remove.
- Stainless steel bolts/nuts for levelling and as extra ballast weight.
- Overflow-capable.

Insert grille 110



Built into bottom drain



Insert dome 110



Built into bottom drain



Wall feed-throughs, standard quality, with flat flange

Wall feed-throughs are used in connection with PVC pipes or hoses, to carry water to and from a filter/pump system.

Type	Connection ø mm	Material	Colour	Art. no.
Wall feed-through 40	40	ABS	Black	901090
Wall feed-through 50	50	ABS	Black	901091
Wall feed-through 63	63	ABS	Black	901092
Wall feed-through 90	90	ABS	Black	901094
Wall feed-through 110	110	ABS	Black	901095

- Can be glued to PVC pipes.
- Suitable for liner, PE and polyester ponds.
- Stainless steel screws.
- Gasket ring not included with delivery.

Wall feed-throughs, thick-walled quality, with flat flange

Type	Connection ø mm	Material	Colour	Art. no.
Wall feed-through 40	40	ABS	Black	901080
Wall feed-through 50	50	ABS	Black	901081
Wall feed-through 63	63	ABS	Black	901082
Wall feed-through 75	75	ABS	Black	901083
Wall feed-through 110	110	ABS	Black	901085

- Can be glued to PVC pipes.
- Suitable for liner, PE and polyester ponds.
- Stainless steel screws.
- Gasket ring not included with delivery.

Thick-walled wall feed-through



Standard wall feed-through



Flat flange connection



INSTALLING WATER

Wall feed-through WD 50, thick-walled quality, with curved flange

The WD 50 has a curved flange; the liner clamps behind the counter-flange so the whole feed-through sits nice and flat on against the wall. The wall feed-through has a bayonet connection on the inside, into which the ball inlet of the WDM 50 system clicks precisely into place.

Type	Connection ø mm	Material	Colour	Art. no.
Wall feed-through WD 50	50	ABS	Black	901045

Wall feed-through WD 50



- Can be glued to PVC pipes.
- Suitable for liner ponds.
- Stainless steel screws.
- Incl. gasket ring.
- Suitable for installation with ball inlet 901046.
- Suitable for installing LED spotlight WDX 8 (with inlet 901046).
- Suitable for installing LED spotlight WDX 15 (inlet not needed).

Wall feed-through system WDM 50 set

All-in wall feed-through set 50 mm, including 2 cable sealers and ball inlet, for universal application.

Type	Connection ø mm	Material	Colour	Art. no.
WDM 50 set	50	ABS / stainless steel / EPDM	Black	901044

Set contents

- Wall feed-through 50 mm.
- Cable sealer small 6 - 10 mm.
- Cable sealer big 10 - 15 mm.
- Ball inlet.

Application

- Watertight feed-through of power cable using cable sealer.
- Inlet for return water into the pond with adjustable ball jet.
- Connecting LED wall-mounted floodlight iDX 6 and iDX 15.

WD 50 feed-through with many application possibilities

Cable sealer



Ball inlet



Installing iDX spots



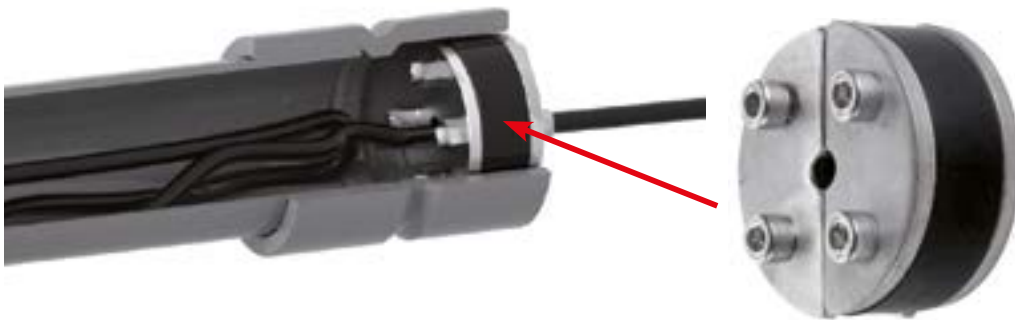
WDM 50 wall feed-through system in loose components

The WDM 50 set (901044) is also available separately in components.

Type	Diameter ø mm	Cable ø mm	Material	Art. no.
Cable sealer 6	50	6 - 10	Rubber - stainless steel	901047
Cable sealer 10	50	10 - 15	Rubber - stainless steel	901048
Ball inlet	–	–	ABS	901046
Wall feed-through WD 50	–	–	ABS	901045



How the cable sealer works



The sealer seals a power cable watertight and is suitable for installation in a 50 mm wall feed-through or PVC pipe. Using an Allen key, the stainless steel plates are compressed, causing the rubber sealer to expand outward and seal the 50 mm pipe watertight.

Power cables from pumps no longer need to run over the pond edge; instead, they can be routed through the pond wall, complete with moulded plug, completely hidden from view.

Power cables from wall-mounted lighting are also sealed this way; the PVC pipe between the sealer and the wall feed-through serves as storage for the lamp cable, so the light can be taken out of the feed-through.

INSTALLING WATER

Flexible metric couplings

Flexible connection of pipes, filters, fittings and pumps. Industrial quality, suitable for installation of all types of pipes (PVC / PP / PE / CONCRETE / METAL) above and below ground.

Type	Connection mm	Art. no.
Flexible socket 50	50	905011
Flexible socket 63	63	905012
Flexible socket 75	75	905013
Flexible socket 110	110	905014

- Dampens vibrations in pipes.
- Easy to install without gluing.
- Easy to disassemble and reuse.
- Relieves uneven connections.
- Working pressure up to 0.3 Bar.
- Made from natural rubber.
- Stainless steel hose clamps.
- Larger sizes available.

Socket 50



Socket 110



Flexible reducing sockets

Type	Connection mm	Art. no.
Flexible reducing socket 50 x 40	50 x 40	905020
Flexible reducing socket 63 x 40	63 x 40	905021
Flexible reducing socket 63 x 50	63 x 50	905022
Flexible reducing socket 75 x 63	75 x 63	905026
Flexible reducing socket 110 x 50	110 x 50	905023
Flexible reducing socket 110 x 63	110 x 63	905024
Flexible reducing socket 110 x 90	110 x 90	905025
Flexible reducing socket 125 x 110	125 x 110	905027

Reducing socket 50 x 40



Reducing socket 110 x 63



Flexible end caps

Type	Connection mm	Art. no.
Flexible end cap 50	50	905008
Flexible end cap 63	63	905009
Flexible end cap 110	110	905010

End cap 50



End cap 110



Flexible bends

Type	Connection mm	Art. no.
Bend 50, flexible	50	905015
Bend 63, flexible	63	905016
Bend 110, flexible	110	905018

Bend 50



Bend 110





INSTALLING WATER

Slide valves PVC-U

Very sturdy slide valves, for shutting off pipe systems.

Type	Connection ø mm	Max. pressure Bar	Art. no.
Slide valve 50	50	3,5	904104
Slide valve 63	63	3,5	904120
Slide valve 90	90	1,5	904121
Slide valve 110	110 / 125	1,5	904122

- Made of PVC-U.
- Can be glued or installed with a flexible connection.
- Slide valve 90 and 110, slide can be removed at the top.
- Very sturdily built valves with stainless steel screws.
- Slide valve 110, externally connectable to 125 mm PVC pipe.

Slide valve 50 and 63



Slide valve 90 and 110 / 125



Ball valves with single union nut PVC-U

Application in pressure pipe systems, for shutting off pumps, UV-C devices and filters.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Ball valve 32	32	10	PVC-U	904087
Ball valve 40	40	10	PVC-U	904088
Ball valve 50	50	10	PVC-U	904089
Ball valve 63	63	10	PVC-U	904090

- Removable handle.
- Removable ball.

Ball valves with double union nut PVC-U

Application in pressure pipe systems, for shutting off pumps, UV-C devices and filters.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Ball valve 32	32	10	PVC-U	904092
Ball valve 40	40	10	PVC-U	904093
Ball valve 50	50	10	PVC-U	904094
Ball valve 63	63	10	PVC-U	904095

- Removable handle.
- Removable ball.

Ball valve with single union nut



Ball valve with double union nut



INSTALLING WATER

Ball valve, female/male thread

Compact budget ball valve for general applications.

Type	Connection inch	Max. pressure Bar	Material	Art. no.
Ball valve 1	1" F / M	10	PVC-U	VA60024

Ball valve



Three-way valve PVC-U

Application in pressure pipe systems, for shutting off and redirecting water flow in a system.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Three-way valve 50	50 - 63	6	PVC-U	904118

- One side closed.
- Both sides open.

Three-way valve



Sight glass PVC-U

Built into the pipe system, to control flow.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Sight glass 63	63	6	PVC-U / glass	904130

- 2x solvent connection.
- Glass can be disassembled.

Sight glass



Check valve PVC-U

Built-in check valve with solvent couplings.

Type	Connection mm	Art. no.
Check valve, spring-loaded 50	2 x 50	904167
Check valve, spring-loaded 63	2 x 63	904150

- With PVC solvent couplings.
- Minimal flow losses.

Check valve PVC-U



PVC pressure pipe

PVC pressure pipe cut to length, for easy transport.

Type	Diameter ø mm	Length m	Max. pressure Bar	Art. no.
PVC pipe 32	32	2,2	10	904097
PVC pipe 50	50	2,2	10	904099
PVC pipe 63	63	2,2	10	904100
PVC pipe 75	75	2,2	10	904103
PVC pipe 90	90	2,2	10	904101
PVC pipe 110	110	2,2	10	904102

PVC pressure pipe can be used for many purposes, such as pump and filter systems.

- With smooth ends.
- Colour grey.
- Suitable as pressure pipe.

PVC pipe



3-part solvent couplings PVC-U

For removing devices that are built into pipe systems.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Solvent coupling 25	25	10	PVC-U	904078
Solvent coupling 32	32	10	PVC-U	904079
Solvent coupling 40	40	10	PVC-U	904080
Solvent coupling 50	50	10	PVC-U	904081
Solvent coupling 63	63	10	PVC-U	904082
Solvent coupling 75	75	10	PVC-U	904083
Solvent coupling 90	90	10	PVC-U	904084
Solvent coupling 110	110	10	PVC-U	904085

- 2 x solvent connection.
- Coupling with O-ring seal.

Solvent coupling



3-part solvent/thread couplings PVC-U, female thread

For removing devices that are built into pipe systems.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Solvent/thread coupling 32	1" x 32	10	PVC-U	904108
Solvent/thread coupling 40	5/4" x 40	10	PVC-U	904109
Solvent/thread coupling 50	1½" x 50	10	PVC-U	904110
Solvent/thread coupling 63	2" x 63	10	PVC-U	904111
Solvent/thread coupling 90	3" x 90	10	PVC-U	904107

- Solvent / female thread connection.
- Coupling with O-ring seal.

Solvent/thread coupling



3-part solvent/thread couplings PVC-U, male thread

For removing devices that are built into pipe systems.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Solvent/thread coupling 50	1½" x 50	10	PVC-U	904133
Solvent/thread coupling 63	2" x 63	10	PVC-U	904134

- Solvent / female thread connection.
- Coupling with O-ring seal.

Solvent/thread coupling



Solvent / hose tails

Connecting PVC fittings to hose.

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Solvent socket 25	25 x 25 x 28	10	PVC-U	904114
Solvent socket 32	32 x 32 x 34	10	PVC-U	904115
Solvent socket 40	40 x 40 x 43	10	PVC-U	904116
Solvent socket 50	50 x 50 x 53	10	PVC-U	904117

- Solvent / hose connection.

Solvent socket



Spigots, solvent x male thread PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Spigot 25 / M	25 x ¾"	10	PVC-U	904053
Spigot 32 / M	32 x 1"	10	PVC-U	904054
Spigot 40 / M	40 x 1¼"	10	PVC-U	904055
Spigot 50 / M	50 x 1½"	10	PVC-U	904056
Spigot 63 / M	63 x 2"	10	PVC-U	904057
Spigot 90 / M	90	10	PVC-U	904058

- Solvent x male thread connection.

Spigot



Sockets, solvent x female thread PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Socket 25 / F	25 x ¾"	10	PVC-U	904059
Socket 32 / F	32 x 1"	10	PVC-U	904060
Socket 40 / F	40 x 1¼"	10	PVC-U	904061
Socket 50 / F	50 x 1½"	10	PVC-U	904062
Socket 63 / F	63 x 2"	10	PVC-U	904063

- Solvent x female thread connection.

Socket



T-pieces 90° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
T-piece 25	25	10	PVC-U	904001
T-piece 32	32	10	PVC-U	904002
T-piece 40	40	10	PVC-U	904003
T-piece 50	50	10	PVC-U	904004
T-piece 63	63	10	PVC-U	904005
T-piece 75	75	10	PVC-U	904006
T-piece 90	90	10	PVC-U	904007
T-piece 110	110	10	PVC-U	904008

- 3x solvent connection.

T-piece



Reducing T-pieces 90° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Reducing T-piece	32 x 25	10	PVC-U	904009
Reducing T-piece	40 x 25	10	PVC-U	904101
Reducing T-piece	40 x 32	10	PVC-U	904011
Reducing T-piece	50 x 32	10	PVC-U	904012
Reducing T-piece	50 x 40	10	PVC-U	904013
Reducing T-piece	63 x 40	10	PVC-U	904014
Reducing T-piece	63 x 50	10	PVC-U	904015
Reducing T-piece	90 x 63	10	PVC-U	904016
Reducing T-piece	110 x 90	10	PVC-U	904017

- 3x solvent connection.

Reducing T-piece



Elbows 90° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Elbow 90° 25	25	10	PVC-U	904037
Elbow 90° 32	32	10	PVC-U	904038
Elbow 90° 40	40	10	PVC-U	904039
Elbow 90° 50	50	10	PVC-U	904040
Elbow 90° 63	63	10	PVC-U	904041
Elbow 90° 75	75	10	PVC-U	904042
Elbow 90° 90	90	10	PVC-U	904043
Elbow 90° 110	110	10	PVC-U	904044

- 2x solvent connection.

Elbow 90°



Elbows 45° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Elbow 45° 25	25	10	PVC-U	904045
Elbow 45° 32	32	10	PVC-U	904046
Elbow 45° 40	40	10	PVC-U	904047
Elbow 45° 50	50	10	PVC-U	904048
Elbow 45° 63	63	10	PVC-U	904049
Elbow 45° 75	75	10	PVC-U	904050
Elbow 45° 90	90	10	PVC-U	904051
Elbow 45° 110	110	10	PVC-U	904052

- 2x solvent connection.

Elbow 45°



T-pieces, long bend 90° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Bend 50	50	10	PVC-U	904147
Bend 63	63	10	PVC-U	904148
Bend 75	75	10	PVC-U	904149
Bend 110	110	10	PVC-U	904153

- 2x solvent connection.

Long bend 90°



Elbow 45° PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Elbow	63 x 63 x 50	10	PVC-U	904127

- 3x solvent connection.

Elbow 45°



Spigot, solvent x female thread PVC-U

Type	Connection mm x inch	Max. pressure Bar	Material	Art. no.
Spigot	63 x 50 x 2"	10	PVC-U	904163

- 2x solvent connection.
- 1x female thread.

Spigot



Straight sockets PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Socket 20	20	10	PVC-U	904136
Socket 25	25	10	PVC-U	904018
Socket 32	32	10	PVC-U	904019
Socket 40	40	10	PVC-U	904020
Socket 50	50	10	PVC-U	904021
Socket 63	63	10	PVC-U	904022
Socket 75	75	10	PVC-U	904023
Socket 90	90	10	PVC-U	904024
Socket 110	110	10	PVC-U	904025

- 2x solvent connection.

Straight socket



Reducing sockets PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Reducing socket	32 x 25	10	PVC-U	904026
Reducing socket	40 x 25	10	PVC-U	904027
Reducing socket	50 x 32	10	PVC-U	904028
Reducing socket	50 x 40	10	PVC-U	904029
Reducing socket	63 x 40	10	PVC-U	904030
Reducing socket	63 x 50	10	PVC-U	904031
Reducing socket	75 x 50	10	PVC-U	904032
Reducing socket	90 x 50	10	PVC-U	904033
Reducing socket	90 x 63	10	PVC-U	904034
Reducing socket	110 x 63	10	PVC-U	904035
Reducing socket	110 x 90	10	PVC-U	904036

- 2x solvent connection.

Reducing socket



Reducing rings PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
Reducing ring	32 x 25	10	PVC-U	904072
Reducing ring	40 x 32	10	PVC-U	904073
Reducing ring	50 x 20	10	PVC-U	904138
Reducing ring	50 x 40	10	PVC-U	904074
Reducing ring	63 x 50	10	PVC-U	904075
Reducing ring	75 x 63	10	PVC-U	904124
Reducing ring	90 x 63	10	PVC-U	904076
Reducing ring	110 x 63	10	PVC-U	904077

- 2x solvent connection.

Reducing ring



End caps, solvent PVC-U

Type	Connection mm	Max. pressure Bar	Material	Art. no.
End cap 25	25	10	PVC-U	904064
End cap 32	32	10	PVC-U	904065
End cap 40	40	10	PVC-U	904066
End cap 50	50	10	PVC-U	904067
End cap 63	63	10	PVC-U	904068
End cap 75	75	10	PVC-U	904069
End cap 90	90	10	PVC-U	904070
End cap 110	110	10	PVC-U	904071

- Solvent connection.

End cap



Worm drive hose clamps, stainless steel

Worm drive hose clamps, suitable for sealing hoses.

Type	Hose size mm	Material	Art. no.
Worm drive hose clip	8 - 12	Stainless steel 304	VA 34440
Worm drive hose clip	10 - 16	Stainless steel 304	VA 34441
Worm drive hose clip	12 - 20	Stainless steel 304	VA 34442
Worm drive hose clip	20 - 32	Stainless steel 304	VA 34444
Worm drive hose clip	25 - 40	Stainless steel 304	VA 34445
Worm drive hose clip	32 - 50	Stainless steel 304	VA 34446
Worm drive hose clip	40 - 60	Stainless steel 304	VA 34447

- Stainless steel 304 version.
- Suitable for smooth hoses.

Worm drive hose clamps



Pond hoses, standard quality

Very elastic spiral hose for connecting pond pumps, filters, ornaments, etc.

Type	Hose diameter mm	Roll m	Max. pressure Bar	Colour	Art. no.
Hose 20	20	30	1	Black	611003
Hose 25	25	30	1	Black	611004
Hose 32	32	25	1	Black	611005
Hose 40	40	20	1	Black	611006
Hose 50	50	20	1	Black	611007

- Reinforced with spiral.
- Not suitable for burial.
- Very flexible.
- Smooth inner wall.
- Thick-walled quality.

Pond hoses, thick-walled quality

Very elastic spiral hose for connecting pond pumps, filters, ornaments, etc., suitable for burial.

Type	Hose diameter mm	Roll m	Max. pressure Bar	Colour	Art. no.
Hose 20	20	25	5	Black	612001
Hose 25	25	25	5	Black	612002
Hose 32	32	25	5	Black	612003
Hose 40	40	25	5	Black	612004
Hose 50	50	25	5	Black	612005

- Reinforced with spiral.
- Suitable for burial.
- Very flexible.
- Smooth inner and outer wall.

Pond hose, standard



Pond hose, thick-walled



Polyester pits with lid

Equipment pits for installing pumps, filters, UV-C devices or other technical equipment. The pits are reinforced, however, building regulations must be observed to prevent the pit from being pushed up or in by high groundwater. The pits are fitted with a curved lid, which prevents rainwater from pooling on the lid and ...can flow inside.

Type	External dimension L x W x H cm	Base dimension L x W cm	Material	Art. no.
Equipment pit 800	81 x 62,5 x 76	57 x 38	Polyester	201017
Equipment pit 1200	119 x 79 x 80	104 x 64	Polyester	201020
Equipment pit 1500	165 x 91 x 100	130 x 59	Polyester	201021

- Fibreglass reinforced polyester, colour black.
- Includes lid.
- Reinforced walls.
- Observe structural provisions.

Equipment pit 800



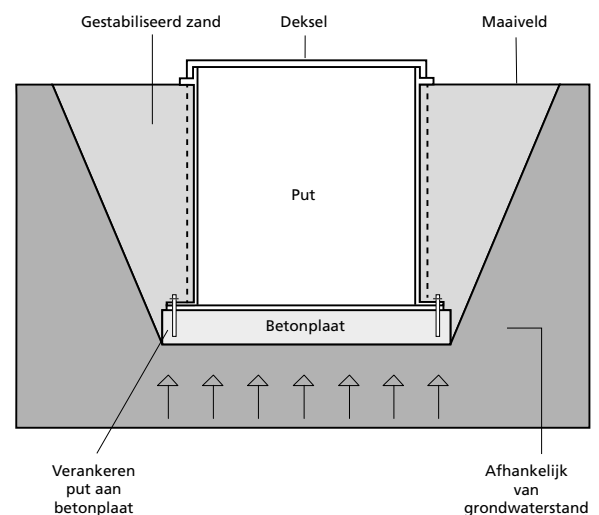
Equipment pit 1200



Equipment pit 1500



Installation method for equipment pits



INSTALLING WATER

Equipment pits with lid

Equipment pits are used for installing pond technology, such as pumps, filters, UV-C devices, etc. The pits are fitted all around with reinforcing beams, so burial in the ground is no problem at all. Anchoring to a concrete slab depends on the groundwater level.

Type	Internal dimension L x W x H mm	External dimension L x W x H mm	Material	Plate thickness mm	Weight kg	Art. no.
1200 PP	1080 x 680 x 780	1200 x 800 x 850	PP	10	49	201041
1500 PP	1630 x 920 x 980	1650 x 920 x 1050	PP	10	79	201042

Equipment pit 1200 PP

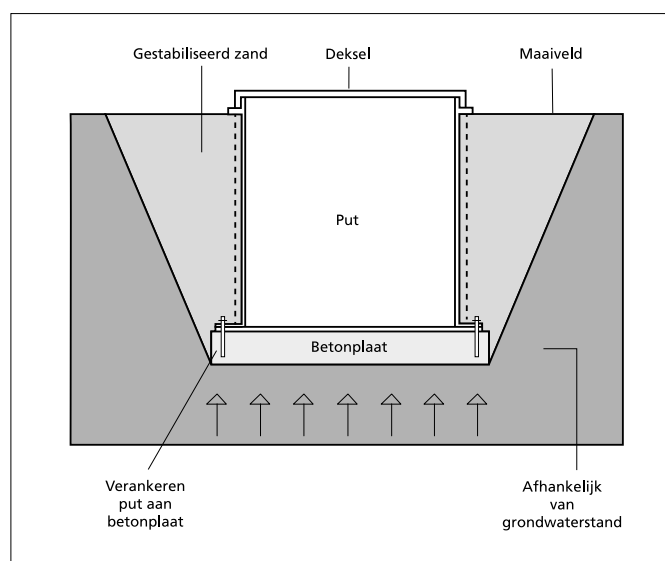


Equipment pit 1500 PP



- Plastic PP with lid.
- Suitable for burial*
- Reinforced walls.
- Loose overlapping lid, hinge system optional.
- Equipment pit and lid in beige.

* Observe building regulations.



VarioLat border and pond edge finishing

Sturdy, flexible edging for perfectly finishing the edges of ponds, gardens, paths and borders.

Type	Dimensions cm		Roll length m	Colour	Art. no.
	Height	Thickness			
VarioLat G14	14	0,70	25	Grey	602001
VarioLat G19	19	0,70	25	Grey	602002

VarioLat G14



VarioLat G19



VarioPlank border and pond edge finishing

Sturdy edging for perfectly finishing the edges of straight ponds, gardens, paths and borders.

Type	Dimensions cm		Length m	Colour	Bundle pcs	Art. no.
	Height	Thickness				
VarioPlank G14	14	1,0	1,20	Grey	5	602021

VarioPlank G14 grey



VarioPic posts for installing VarioLat and VarioPlank

Solid posts for installing VarioLat and VarioPlank; the soil type and application determine the length of the posts. Installation recommendation is 1 post per 50 cm.

Type	Dimensions cm	Colour	Bundle pcs	Art. no.
VarioPic 38	4 x 4 x 38	Grey	10	602003
VarioPic 58	4 x 4 x 58	Grey	10	602004
VarioPic 78	4 x 4 x 78	Grey	10	602005

VarioPic 40 - 60 - 80



- Solid posts, easy to work with screws.
- Made from recycled plastic.



Calculating pipe or resistance losses.

When water flows through a pipe system, pressure losses occur due to resistances in the pipe system. To keep these losses to a minimum, the correct pipe diameter must be determined based on the capacity to be carried through the pipe. If a pipe diameter is chosen too small, this results in increased resistance, and pump capacity will therefore decrease significantly as a result of the resistance. When choosing the correct diameter, the most efficient pump can be selected, with the lowest possible power consumption.

Use the pressure loss table below to easily calculate the losses. The loss is expressed in head (H in m) expressed per 100 metres of PVC pipe.

Pressure loss (H in m) per 100 m of pipe						
ø Pipe mm	Capacity m ³ /h max.					
	5	10	15	20	30	40
32	17	50	80	–	–	–
40	4,5	13	26	40	–	–
50	1,3	5	9	14	30	50
63	0,5	1,7	4,2	6	15	17
75	0	0,7	1,5	2,5	4,5	8,5
90	0	0	0,7	1,3	2	3,5
110	0	0	0,4	0,7	1,3	2,5
125	0	0	0,1	0,2	0,4	0,8

To calculate the total resistance in a pipe system, the resistances of bends, T-pieces and valves are calculated. The conversion table below expresses the resistances in metres of straight pipe.

Resistance (m)					
ø Pipe mm	Bend		T-piece	Valve	
	90°	45°	90°	Ball	Slide
32	0,7	0,4	1,8	0,9	0,20
40	0,8	0,5	2,3	11,0	0,25
50	1,0	0,6	2,9	15,0	0,30
63	1,4	0,7	3,5	17,0	0,40
75	1,7	0,8	4,0	20,0	0,45
90	1,9	1,1	5,0	25,0	0,55
110	2,1	1,3	6,0	29,0	0,60
125	2,6	1,6	7,0	35,0	0,80

EASY-FILL Pro water top-up ground pit

Easy-to-install water top-up system. Built-in float regulates automatic replenishment of mains water to keep (swimming) ponds at the correct level.

Type	Connections mm/inch			Dimensions mm	Art. no.
	Basin	Overflow	Water top-up		
EASY-FILL Pro	50 mm	50 mm	½"	266 x 246 x 338	901903

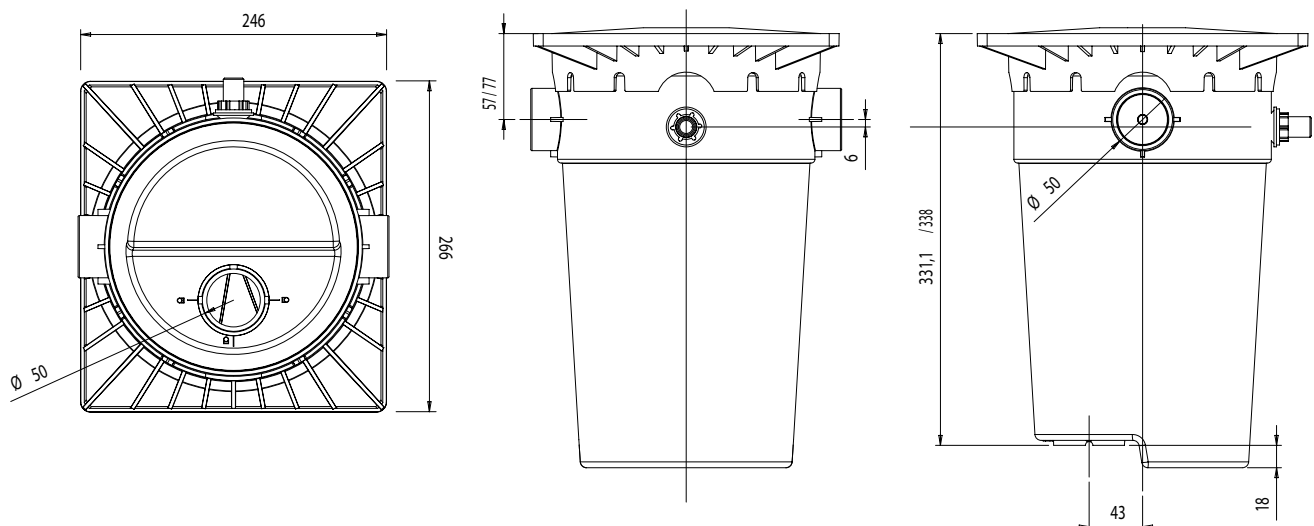
The connection to the water basin is made using a 50 mm pipe connected to a wall feed-through. For this, 2 connection options are available: on the underside and on the side of the housing.

- Visible parts made of black plastic.
- Lid and housing made of UV-resistant ABS.
- Water level measurement by means of a float.
- Extra overflow connection.
- Removable inspection lid.

EASY-FILL Pro



EASY-FILL Pro top view





Pond steps

Plastic pond step, for placement in swimming ponds.

Type	Dimension H x W (cm)	Material	Colour	Art. no.
Pond step 120	120 x 75	HDPE	Black	209511

Easy to step in and out of a swimming pond. The plastic step must be finished further with a covering such as tiles. This not only looks better, but also provides anti-slip protection.





Project: Clevia Park in Suriname

Execution: Aqua Passion Suriname

An unusual project, and on the other side of our world too.
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AUGA 2026

Further developments and technical subject to change.

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Winkelskamp 13
7255 PZ Hengelo Gld
Netherlands
Tel. +31 (0) 575 46 80 20
info@auga.nl
www.auga.nl

