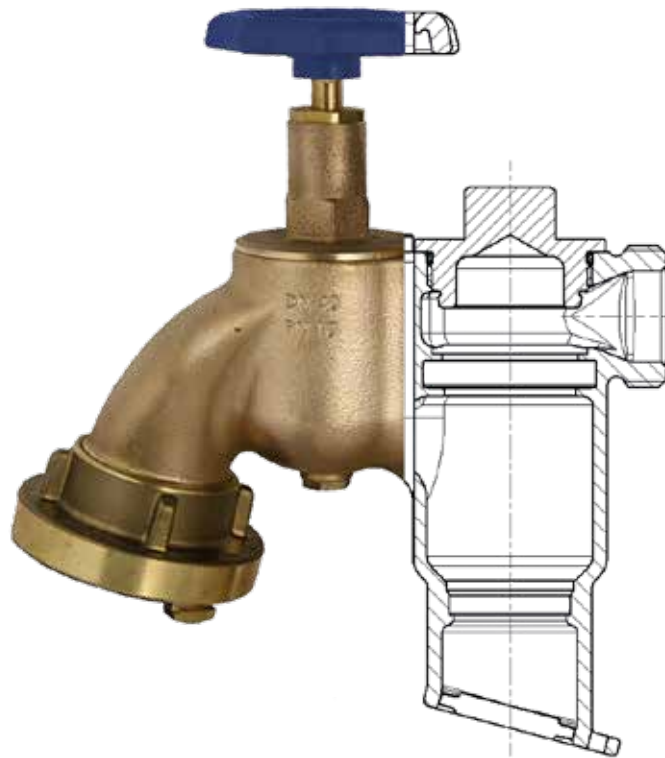


# BEULCO®

WATER



2022  MADE IN GERMANY

# Mobile drinking water supply.

J

**NOT  
EVERY  
SEPARATION  
IS DIFFICULT.**

#DRINKINGWATERPASSION



# CONTENT

## Mobile drinking water supply - J

General Information.....	04
Area of responsibility .....	05
Fluid categories according to DIN EN 1717 .....	06
Drinking water connection unit.....	08
Drinking water connection box .....	09
BEULCO Drinking water standpipes.....	10
BEULCO Aluminium standpipes.....	12
Backflow preventer BA.....	14
BEULCO Service .....	16
BEULCO TrackIT .....	18
BEULCO Standpipe manager.....	20
Overview product group J.....	24
Product range.....	28
#DRINKINGWATERPASSION .....	62

# MOBILE DRINKING WATER SUPPLY

## Produkt group J

According to the Drinking Water Ordinance, drinking water must be of such a quality "that its consumption or use is not likely to cause harm to human health". Consequently, the **planning, construction and operation of drinking water installations and systems must be carried out in such a way that no risks arise for the consumer**. This applies to the entire water supply system from water production to the actual point of drinking water withdrawal, regardless of whether the installations are stationary or mobile.

Mobile water tapping points are used in various areas. Among them are land, water and air vehicles (supply in coaches and on ships or the drinking water takeover at airports), substitute supply (water trucks of the German Federal Armed Forces or the THW) and last but not least public festivals (snack bars and beverage supply), agriculture (irrigation connections) or water supply on construction sites. **The decisive factor here is not whether the tapped water is used as drinking water, but whether the tapping point is connected to the drinking water installation.**

### Contamination

Mobile and temporary water tapping points, in particular, harbor serious and often health-threatening risks despite seemingly professional installation, because **both the mobile system and the entire public drinking water network can be contaminated by the unfortunate coincidence of various factors**. These include, in particular, the back-suction, back-pressure and backflow of non-potable water into the drinking water installation.

Contamination of the installation, and thus of the water, can be caused, for example, by constant set-up and dismantling at public events or during construction water supply. Temperature fluctuations, sunlight and driving over the pipes also stress the pipes and can thus become risk factors. **Last but not least**, the human factor also poses a risk that should not be underestimated, as adventurous hose constructions are often used, especially in the field of mobile drinking water supply. Due to the increased risk, compliance with measures to **safeguard drinking water quality is a top priority** for mobile, temporary water tapping points.

### Normative background

The requirements of the Drinking Water Ordinance regarding the quality of water must be met throughout the entire water supply system. All components and parts that come into contact with drinking water must be made of suitable materials that do not negatively affect the quality of the water. Among other things, strict specifications apply here with regard to lead emissions from components that come into contact with drinking water. As early as 1998, when the EC Drinking Water Directive 98/83/EC was published, the problem of the release of certain alloy components into drinking water was taken into account and the limit value for lead in drinking water demanded by the WHO was set at 10 µg/l. This limit value is now set by the European Commission. In the course of an amendment to the Drinking Water Directive, plumbers in Germany have been obliged since December 2013 to use materials that meet these specifications.

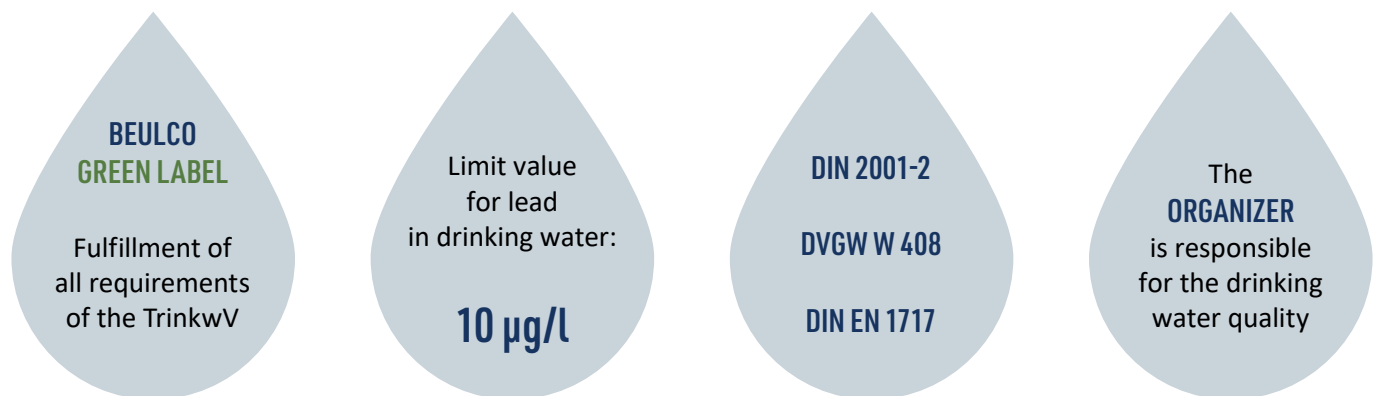
### Desinfection and Hygiene

All information about our cleaning equipment and disinfection devices can be found in our **catalog brochure H2**.



# AREAS OF RESPONSIBILITY

## Distribution systems



The areas of responsibility are now clearly defined by DIN 2001-2 and DVGW Worksheet W 408. Water supply companies are responsible for the quality of the water from the water extraction up to and including the central safety device at the transfer point (supply section I). However, from the transfer point, e.g. the standpipe and up to the consumer actually connected, the organizer or operator assumes responsibility for the drinking water quality within the distribution system (supply section II).

Distribution systems are typically set up anew each time for an event and dismantled, stored or transported again after the end of the event. In the process, contaminants can enter the distribution facilities. However, the operator of the subsequently connected facility or consumer is also responsible for proper installation within his or her supply section (Supply Section III).

These systems are often operated only seasonally or irregularly and thus have longer stagnation times due to their operation than provided for in the generally accepted rules of technology for central drinking water installations. Here, a large number of conditions described in various technical regulations, such as DIN 2001-2, worksheet W 408 or DIN EN 1717, must be observed in all supply sections.

In principle, the requirements of the Drinking Water Ordinance regarding the quality of the water must be complied with for mobile water tapping points. Standpipes, connections and safety devices may only be installed by qualified personnel. A safety device in accordance with the technical regulations must be provided for each delivery point within the entire water supply system. The use of suitable safety devices plays a central role in drinking water hygiene,

especially in mobile supply systems. It is not always possible to foresee into which category the water at the place of use is to be classified. In practice, contaminated water of liquid categories 3 and 4 is frequently encountered.

The currently frequently used safety combination according to DIN EN 1717 (pipe aerator in combination with a backflow preventer) can therefore not cover every application. In order to reliably prevent the backflow of substances up to category 4 into the drinking water installation, the BA system separator (according to DIN EN 1717 a "backflow preventer with controllable medium pressure zone") is used as an approved safety fitting.

Far too often, more emphasis is placed on quickly setting up mobile water supply systems than on safeguarding drinking water hygiene. Adventurous hose constructions cannot always be prevented. Therefore, the protection of drinking water by suitable safety devices is indispensable.

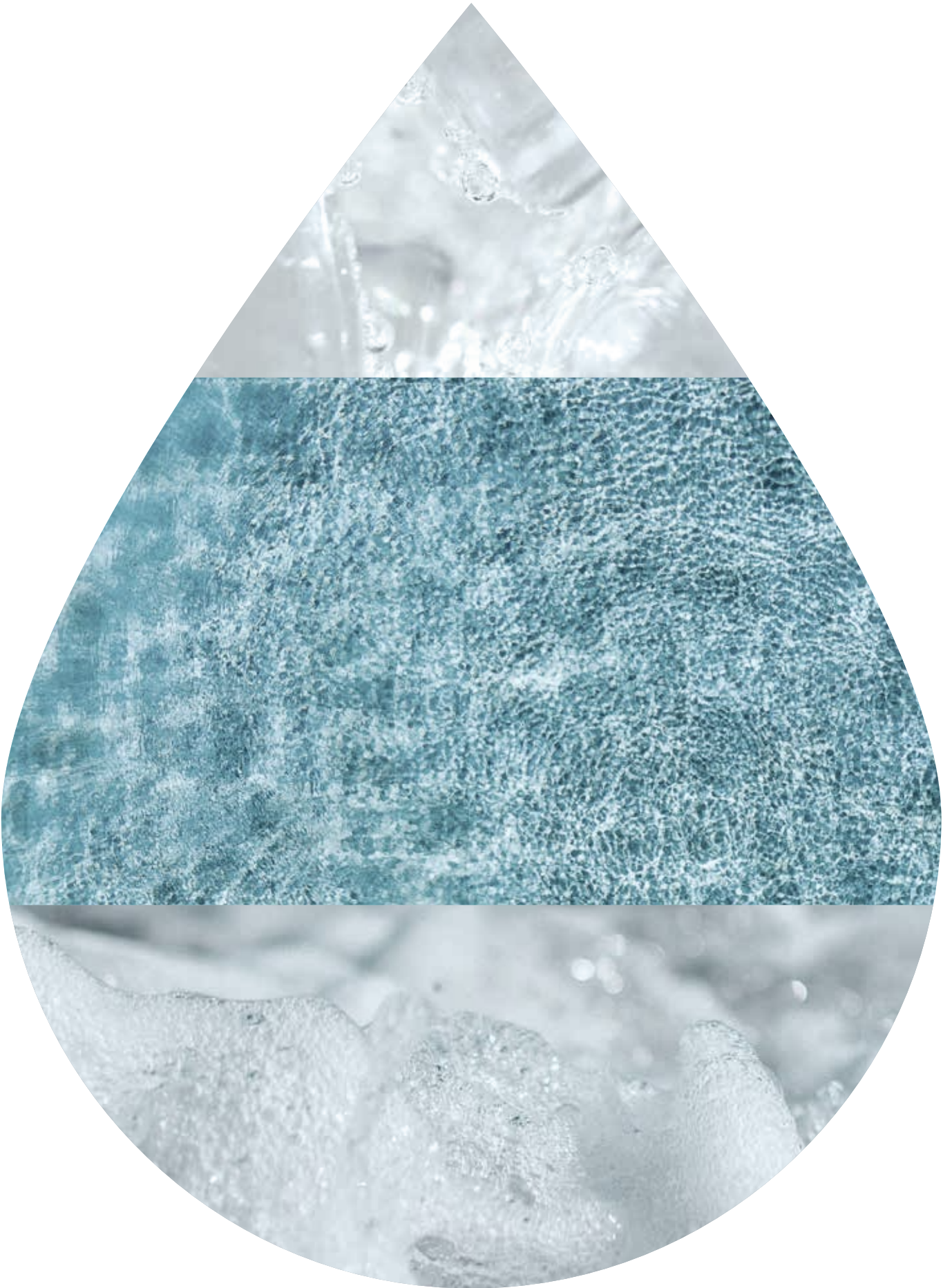
# FLUID CATEGORIES

according to DIN EN 1717

Category	Definition	Examples
1	Water for human consumption taken directly from a drinking water installation	<ul style="list-style-type: none"> <li>• Drinking water</li> <li>• Water under high pressure</li> <li>• Temporary turbidity due to air bubbles</li> </ul>
2	Liquid that does not pose a threat to human health.  Liquids suitable for human consumption, including water from a drinking water installation, which may have a change in taste, odor, color or temperature (heating or cooling)	<ul style="list-style-type: none"> <li>• Coffee</li> <li>• Tea</li> <li>• Iron bacteria</li> <li>• stagnant drinking water</li> <li>• in the drinking water system (a)</li> <li>• cooled drinking water</li> <li>• steam (in contact with food) sterile water</li> <li>• demineralized water</li> <li>• cooking of food</li> <li>• washing of fruits and vegetables</li> <li>• treated drinking water (b)</li> </ul>
3	Fluid that poses a health hazard to humans due to the presence of one or more less toxic substances.	<ul style="list-style-type: none"> <li>• Rinse water for dishes and</li> <li>• Kitchen utensils</li> <li>• Heating water without additives</li> <li>• Flushing water</li> <li>• water and surface-active substances (c) *</li> <li>• Softened water (softening plants) (c) *</li> <li>• water and anticorrosive agents (c) *</li> <li>• water and antifreeze (c) *</li> <li>• Water and algecides (c) *</li> <li>• Water and detergents (c) *</li> <li>• Water and disinfectants (c) *</li> <li>• Water and coolant (c) *</li> <li>• Washing of fruits and vegetables (d) *</li> <li>• (food processing plants)</li> </ul>
4	Fluid that poses a health hazard to humans due to the presence of one or more toxic or particularly toxic substances or one or more radioactive, mutagenic or carcinogenic substances.	(e.g. hydrazine, lindane, insecticides)
5	Fluid that poses a health hazard to humans due to the presence of microbial or viral agents of transmissible diseases (contamination, life hazard).	<ul style="list-style-type: none"> <li>• Hepatitis viruses, salmonellae, coli bacteria</li> <li>• Washing machine water</li> <li>• Swimming pool water</li> <li>• Water for animal drinking troughs</li> <li>• WC water</li> </ul>

a) some substances can increase the risk  
 b) treated drinking water inside buildings (except the device)  
 c) demarcation between category 3 and 4 is in principle LD 50 = 200 mg/kg body weight according to EU directive 93/92 of 23.04.93  
 d) Category 5 for prewash and wash water, category 3 for rinse water

\* May already also be higher category



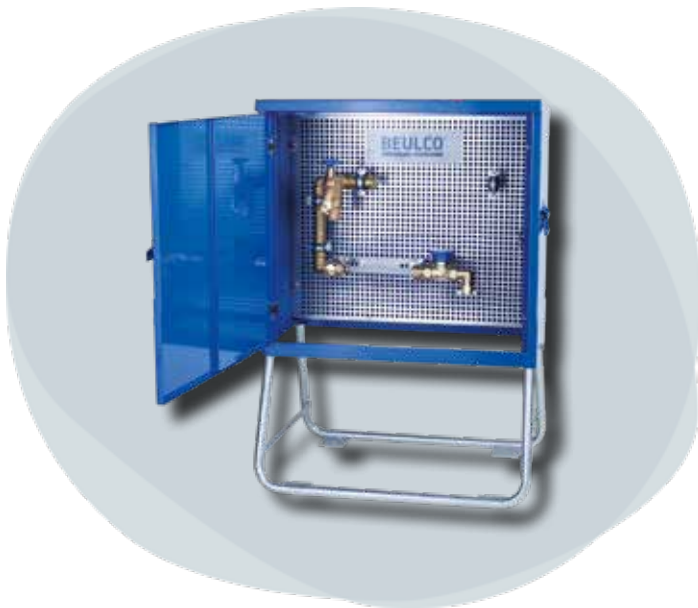
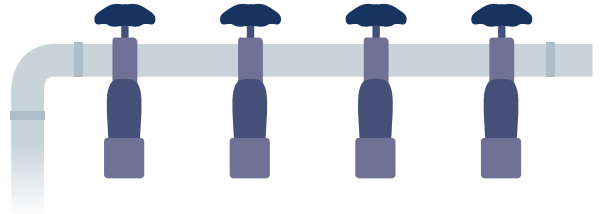
# DRINKING WATER CONNECTION UNIT

The safe transfer of drinking water

The BEULCO drinking water connection unit is the solution for the safe transfer of drinking water- everywhere and tamper-proof. The mobile drinking water supply on construction sites, fairgrounds, in agriculture or at trade fairs and events thus gets a completely new safety level.

The variant with 1-4 tapping points is equipped with a BA DN 20 system separator as standard and prepared for a water meter Q3 = 4 (previously: Qn 2.5).

Also available with 2, 3, 4 or 10 tapping points - fully assembled.



- Tamper-proof
- Flexible connection due to pre-installed GEKA coupling
- Protection of the drinking water network against back-pressure, -suction and -flow of non-potable water up to liquid category 4
- Minimization of the unknown risk at the transfer point from the supply line
- Fully automatic operation
- Protection of construction water connections and fixed site supplies even above the discharge level

## EXTENSION SET

for drinking water connection unit

For quick and easy expansion and retrofitting of the drinking water connection unit consisting of:

Backflow preventer BA DN 20 with GEKA coupling

Seal

Fitting 1"

T-piece with 1" female thread

Pipe nipple 1" 80

Fastening material





# DRINKING WATER CONNECTION BOX

## Flexibility without limits

Standpipes and drinking water junction boxes take up a lot of space, especially when stored, and are not always optimal in handling due to their size and weight.

The drinking water connection box is aimed precisely at these optimization gaps. Compact and easy to handle, it can be set up quickly and easily at any location and stored in a space-saving manner. Thanks to the handles attached to the outside, the box can be transported and installed like a suitcase by just one person. Inside, all important elements are safely stored and protected from external influences and dirt.



As standard, the box is equipped with a pre-filter, a BEULCO quickturn valve and a system separator BA DN20. It is prepared for water meter Q3=4 with an installation length of 190mm.

The connections on the input side are freely selectable due to the 1" AG on the pre-filter. On the outlet side there is the drinking water hose with 1" IT hose connection. All components in contact with drinking water are UBA-compliant.

- Low weight and space-saving case solution for easy handling & storage.
- Lockable, impact- and break-proof aluminum box protects from external impact
- Up to 3 boxes can be stacked on top of each other
- Protection of the drinking water network against back-pressure, -suction and -flow of non-potable water up to liquid category 4
- Includes water drainage holes in case of BA DN20 system separator tripping
- Built-in strainer to protect downstream components from contamination
- Expandable with carrier rack and iQ cloud connection

## BASE FRAME

### for drinking water connection box

The extension of the drinking water connection box by means of the specially adapted support frame enables ergonomic work during the assembly and operation of the water tapping point.

The base frame is supplied with a working plate and can be fixed to firm and as straight as possible ground for firm positioning by means of ground anchors or similar.

Likewise, easy transport is also possible here by folding the frame.

### Technical data

#### Optional base frame

Dimensions: 800x600x400 mm (LxBxH)  
Upper material: Stahl verzinkt (Gestell)  
Worktop: 600x400 mm (LxB)

# STANDPIPES



# DRINKING WATER STANDPIPES

## for underground hydrants



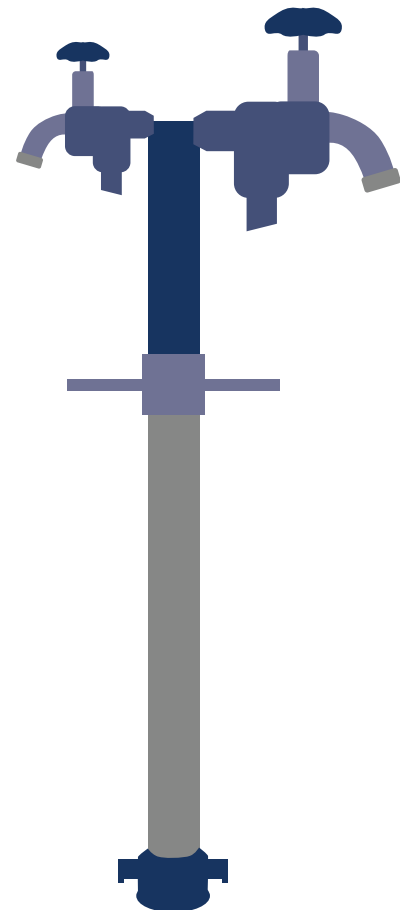
The extensive standpipe program includes drinking water and aluminum standpipes for use in mobile water supply. Especially in mobile water tapping points, the risk of water contamination increases. BEULCO drinking water standpipes offer safety against contamination and comply with the legal requirements.

- Completely automatic operation (no additional contacting instruments)
- The only solution to secure hydrant standpipes, even beyond the outlet height
- Minimisation of the unknown risks in the section hydrant/supplying hose conduit
- Securing the public drinking water system against back pressure, back absorption and backflow of
- non-drinking water up to liquid category 4
- Compact fitting combination with backflow preventer BA and lockable outflow unit in one housing
- Retrofittable for existing standpipes
- Simple maintenance due to few components that are easy to access

Backflow preventer BA tested acc. to:

DN 20 und DN 40 / DVGW W 570-1 /  
DIN EN 12729

DN 50 / DVGW W 570-3 / DIN EN 12729 /  
DIN 3509



### Care instructions for the use of standpipes

- Drain off standpipes before stock keeping
- Put the standpipes upright or hang them up
- Clean and lubricate moving thread at foot regularly
- Check foot seal for damages and renew it if necessary
- Open valves before stock keeping
- Check pipe ventilation valve and non-return valve regularly
- for proper operation
- Do not add handle extensions
- We recommend the use of a basket sieve (model 472) in order to reduce contamination

# ALUMINIUM STANDPIPES



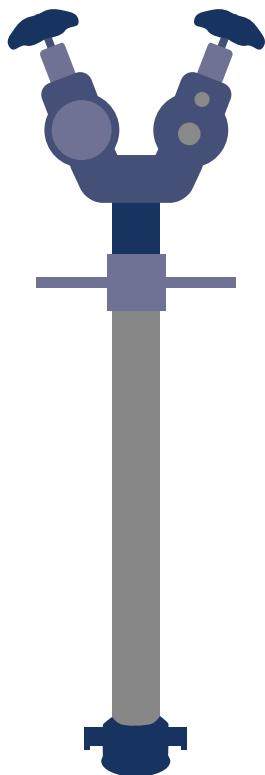
# ALUMINIUM STANDPIPES

## for underground hydrants

BEULCO aluminum standpipes for mobile water supply as well as flushing of water pipes.

The standpipes can be equipped with different top parts as required, so that the suitable standpipe is available for every application.

- fully automatic operation (no additional switching elements)
- compact fitting combination with lockable outlet unit in one housing
- different variation possibilities for the optimal application
- various top parts can be retrofitted for existing standpipes



### Care instructions for the use of standpipes

- Drain off standpipes before stock keeping
- Put the standpipes upright or hang them up
- Clean and lubricate moving thread at foot regularly
- Check foot seal for damages and renew it if necessary
- Open valves before stock keeping
- Do not add handle extensions

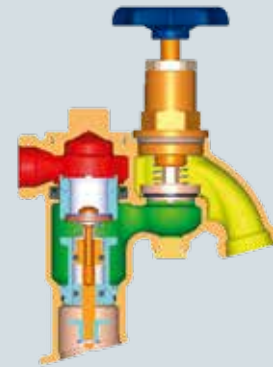
# BACKFLOW PREVENTER BA

In § 17, the Drinking Water Ordinance describes the necessity of using a **suitable safety device** according to DIN EN 1717, if non-intrinsically safe devices are connected to a drinking water installation or if the system is connected to a non-potable water line.

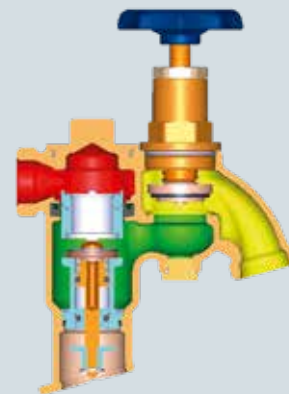
If devices or appliances in a drinking water installation are not properly protected, harmful liquids may flow back, be sucked in or be pressed into the drinking water pipe. can occur. **It is not always possible to foresee into which category the water at the place of use is to be classified.** In mobile drinking water supply with temporary installations, contaminated water of liquid category 3 and 4 is frequently encountered. Such liquids can lead to a direct impairment of health and thus to a hazard for the consumer.

The current DIN EN 1717 standard for frequently used safety combinations (pipe aerator in combination with a backflow preventer) cannot therefore cover every application.

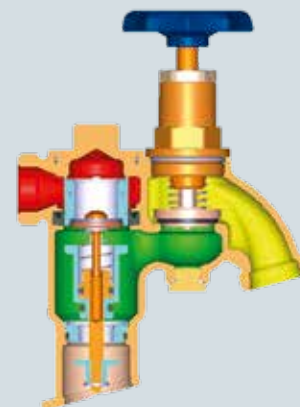
In order to reliably prevent the backflow of substances up to category 4 into the drinking water installation, the following is required the **backflow preventer BA** (according to DIN EN 1717 a "backflow preventer with controllable medium pressure zone") is used as an approved safety fitting.



If no water is drawn off, the inlet and outlet backflow preventer and the drain valve are closed.



When water is withdrawn, the backflow preventer on the inlet and outlet side are open. The drain valve is closed.

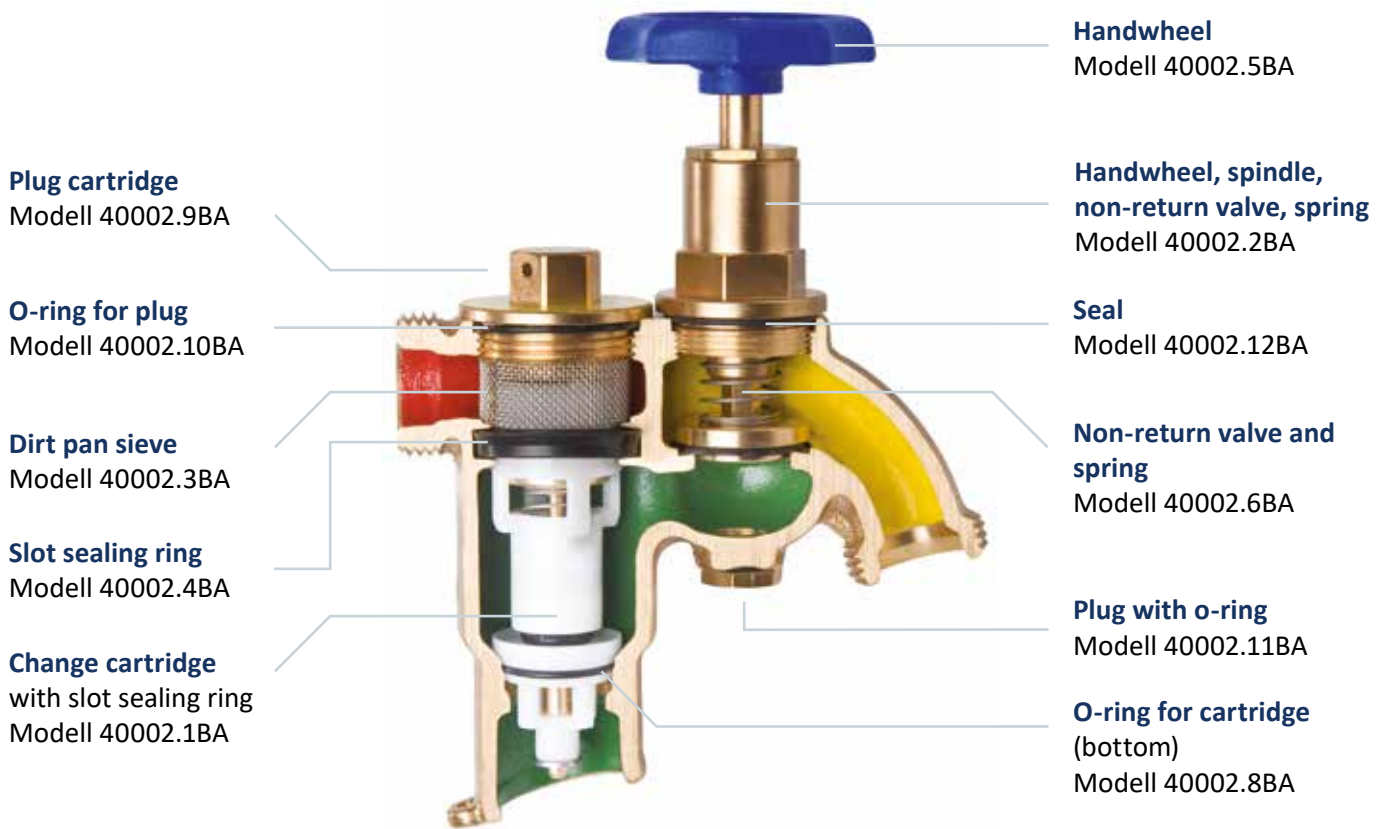


In the case of back suction, the pressure on the inlet side drops. If the pressure difference between the upstream and intermediate pressure chambers is slightly above 140 mbar, the inlet-side backflow preventer closes and the drain valve opens. If back pressures are present, the outlet-side backflow preventer closes. If the backflow preventer leaks, the drain valve opens.

# CONSTRUCTION

## Backflow preventers BA

The spare parts list can be found on page 25.



Backflow preventers BA are available in various designs.



DN 20



DN 40



DN 50

You will find the product range overview from p. 24.

# BEULCO SERVICE

[www.beulco-service.de](http://www.beulco-service.de) | 02722 695-112

According to DIN 806-5, a system separator must be inspected at least every six months and maintained and checked annually. In addition, DIN EN 12729 and DIN EN 1717 refer to regular maintenance so that technical components meet the high requirements for the protection of drinking water. Basic information on the maintenance of components in drinking water installations is provided in DIN 806-5. is regulated.

Health authorities are also paying increasing attention to the use of suitable safety devices and their proper functioning. The function of a system separator can be severely impaired by contamination, wear and improper use. In order not to endanger the drinking water quality as well as the health of the consumers, an annual inspection is indispensable.

BEULCO-Service offers you a cost-effective and safe alternative for time-consuming self-testing or expensive shipping of the system separators to the manufacturer.

With the cost calculator on our website you can easily determine the savings potential.

## Our service offer

Take advantage of the know-how of our inspection service and have the annual inspection carried out quickly and error-free by our experienced service staff.

The maintenance package of BEULCO-Service includes the inspection, optional cleaning, disinfection and repair of the system separators on site. We will remind you in due time of the next inspection date due and arrange a suitable date.







Visual inspection and disassembly



Cleaning and replacement of the individual parts

# BEULCO®

## SERVICE

Exhibition of the test seal



Issue of the test certificate



# BEULCO TrackIT

## Control, transparency and security across the network

It is not uncommon for problems with standpipe rental to range from damage and theft to unauthorized tapping in other people's networks or at hydrants not designed for this purpose. This can sometimes have serious consequences, such as contamination of the drinking water network, which can only be remedied at great expense.

TrackIT enables utilities to locate every standpipe in the supply area and store the relevant information for standpipe management. The system facilitates the standard-compliant handling of standpipe rental.

### Transparency

The TrackIT portal provides a quick and easy overview of the current standpipe locations.

The supply area can be defined by means of a virtual boundary, so that an alarm message is sent to the utility company if the boundary is exceeded. This ensures

effective theft protection. TrackIT makes supply areas more transparent and thus ensures more efficient and effective work.

### Security

TrackIT stands for more security in the supply network and the minimization of misuse in standpipe and drinking water areas. Transparency and control make the location and use of standpipes visible. The location and use of standpipes are visible, and on the other hand, possible causes of impairments to the drinking water and the distribution network can be quickly identified.

The portal displays additional parameters such as the current outside temperature and the battery status of the tracker. Warning messages are issued automatically when limit values are reached.

### Normative background

According to DIN 2000 and DVGW W408, precautions must be taken to protect supply systems from unauthorized tampering. To prevent theft and water damage, standpipes must be dismantled when not in use.

According to the standard, perfect drinking water quality can only be ensured if regular testing is carried out in accordance with the Drinking Water Ordinance (TrinkwV). In addition, official monitoring of non-stationary systems is carried out by the responsible public health department. TrackIT ensures that the locations of all standpipes are known and traceable.

The DIN 2001 additionally prescribes the necessity of an operating log for drinking water plants.

Here, information such as operator, user, test results, inspections by the health authority, proof of testing and maintenance, as well as details of the location, date and quantity of drinking water taken over must be recorded.



## GPS-Tracker

To meet the demanding requirements of standpipe operations, a special GPS tracker is used. The robust housing withstands even the toughest loads. The GPS signal allows the standpipe to be tracked to the nearest meter.

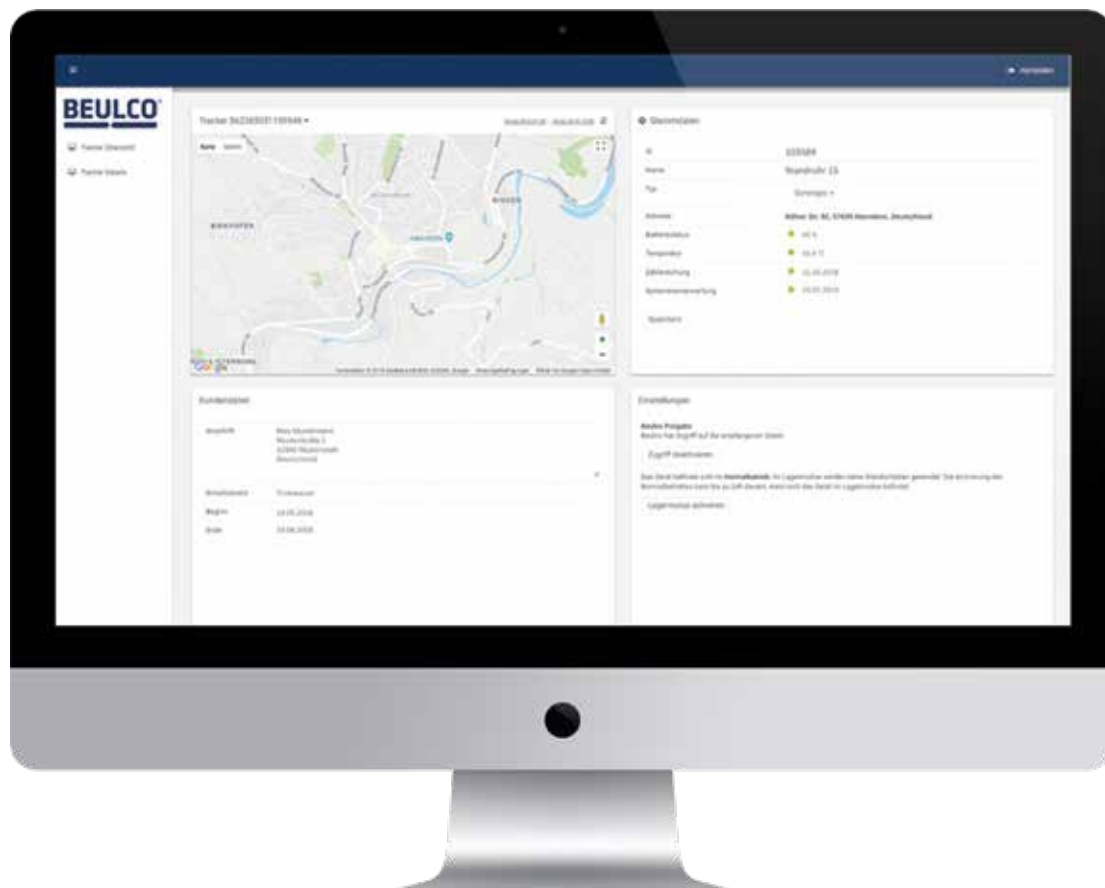
- Shockproof & waterproof according to IPX7
- Low power consumption and long lifetime (depending on use up to 3 years), as only two location signals are sent per day (live tracking possible)
- Battery replaceable
- (low battery alarm)
- Energy saving mode for resource saving storage
- Temperature sensor with alarm in case of frost
- Pre-mounted on standpipe or as retrofit solution (retrofit service available)

## TrackIT Portal

The TrackIT Portal enables efficient and effective management of the standpipe inventory and at the same time offers a localization solution to ensure more safety in the drinking water network.

- Overview of all standpipes in the supply area on the digital map
- Possibility to create several standpipes with basic data (number, name, type, maintenance)
- Rental agreements can be stored as PDF files
- Notification of status changes (e.g. meter calibration & system separator check)
- Theft protection via geofencing (alarm when predefined limits are exceeded)
- Automatic alarms at limits (temperature, battery status, exceeding rental period)
- Data logger function makes all activities traceable and creates a history
- Creation of customer data
- Data protection compliant, no storage of personal location data

## TrackIT Portal



# BEULCO standpipe manager

Efficient and effective management of standpipes

Standpipe Manager offers a holistic solution for the effective management of standpipes and digitizes the standpipe rental process from reservation to return.

It is not uncommon for the process of standpipe management and rental to be time-consuming and costly. In most cases, contract management is complex and confusing, with masses of paper and folders piling up.

Problems with standpipe rental range from damage and theft to unauthorized tapping in other people's networks or at hydrants not designed for this purpose.

This can sometimes have serious consequences, such as contamination of the drinking water network, which can only be remedied with great effort.

The standpipe manager provides a complete overview of standpipes, customers and contract data. Automatic notifications of certain events, such as upcoming inspections or meter readings, exceeding of return deadlines and interim readings, ensure simple, efficient and effective standpipe management and process improvements.



## CONTRACTS

In the rental contract, all required information of the tenant and the rental object is stored. From this, the rental contract is automatically generated, which is signed via a digital signature using a signature pad. There is a printout only for the customer.

## AUTOMATIC INVOICING

Billing data is automatically generated for each tenant. This reduces the bureaucratic effort for each tenant.

## MASTER DATA

In the master data area, all parameters, such as rent deposits, water prices and late fees are so that billing data can be created automatically.

## INVENTORY LIST

The standpipe list provides a complete overview of the standpipe inventory including accessories, such as system separators and meters. At a glance, you can see whether the standpipe is on loan or free and when upcoming inspections and calibrations are due.

## INTERIM READINGS

Reminders for interim readings and returns are generated automatically. The meter readings can be entered clearly.

## RESERVATION FUNCTION

Regardless of status, all standpipes can be reserved in advance. This makes efficient task planning and fast processing.

## STANDPIPE LOCATIONS

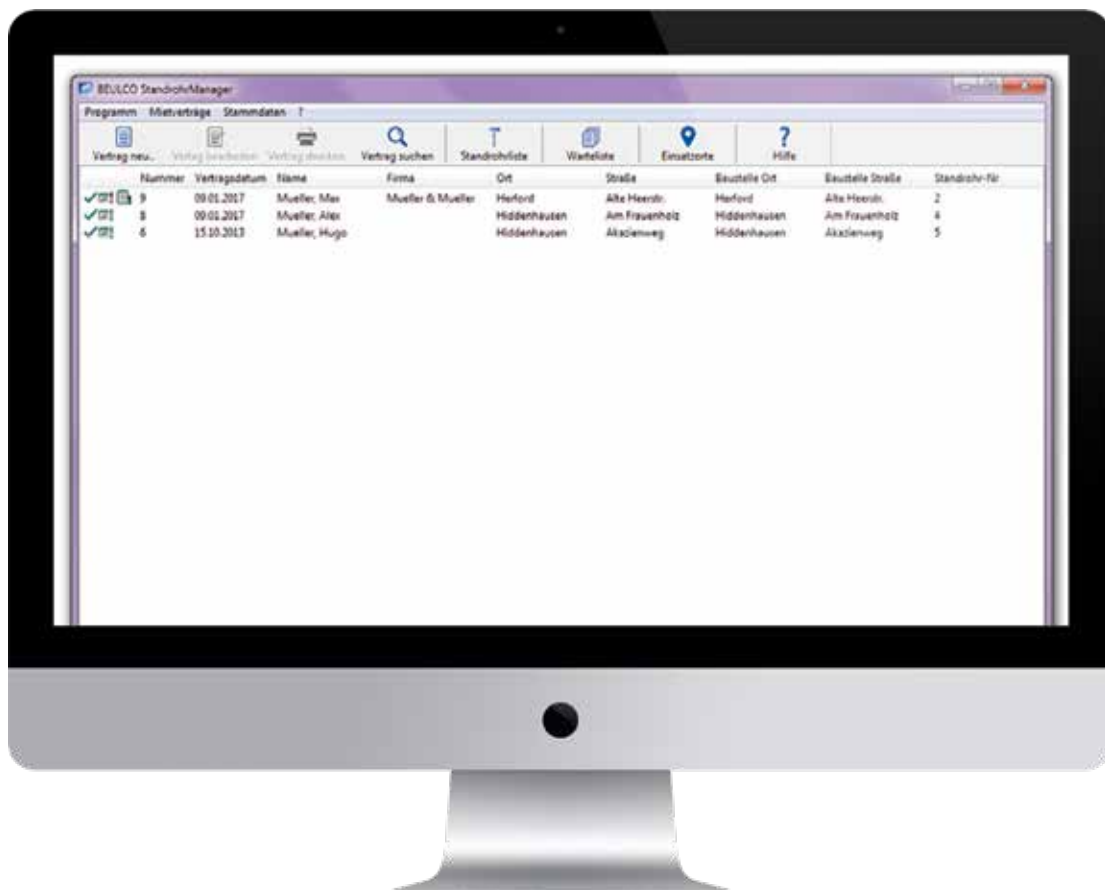
All standpipe deployment locations are displayed on a map to ensure control in the service area.

## NOTIFICATIONS

Automatic notifications are sent by mail for various events, such as exceeded meter reading intervals, upcoming system disconnect tests and meter readings.

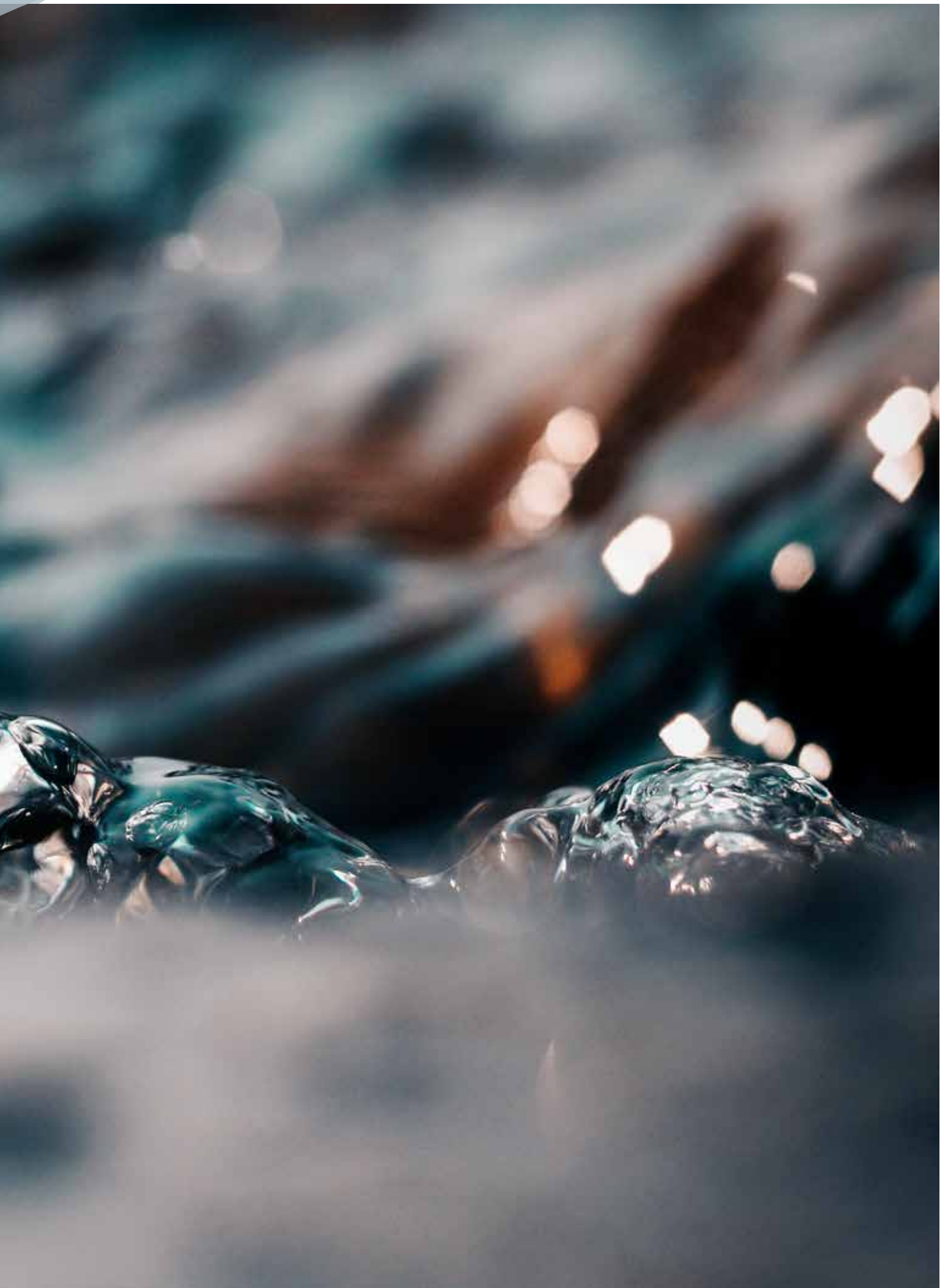
## REMINDER MANAGEMENT

The standpipe manager can be used to generate, print and send reminders and reminders directly (post & mail). printed and sent (post & mail).



# MOBILE DRINKING WATER SUPPLY





# OVERVIEW

## Drinking water program

Application ● DW = Drinking Water  
● W = Water








Illustration	Description	Page
	<b>Standpipe</b> Drinking water Backflow preventer BA DN 20 and DN 40 Model 4000BA	28
	<b>Standpipe</b> Drinking water 2 Backflow preventer BA DN 20 Model 4020BA	29
	<b>Standpipe</b> Drinking water 8 Backflow preventer- BA DN 20 Model 4080BA	30
	<b>Standpipe</b> Drinking water 2 Backflow preventer BA DN 40 Model 4050BA	31
	<b>Standpipe</b> Drinking water with Tripod  Model 4091BA	35
	<b>Standpipe management</b>  BEULCO TrackIT Standpipe manager	33/34
	<b>Drinking water connection unit</b>  Model 4093BA	37







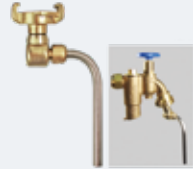
Illustration	Description	Page
	<b>Drinking water connection box</b> Optionally with carrier frame	37
	<b>Backflow preventer BA</b> DN 20, DN 40, DN 50  Model 40002BA	32
	<b>Add-on distributor for surface hydrants</b>  Model 4092BA	36
	<b>Extension set for drinking water connection unit</b>  Model 4094BA	37
	<b>Spare parts for backflow preventer BA</b>	60/61
	<b>Bridging pipe with sampling valve</b>  Model 4099BA	41
	<b>Sampling valve for backflow preventer BA</b> Model 6096BA	42











Illustration	Description	Page
	<b>Ultrasonic smart water meter/ Water meter</b>	42/43
	<b>Single distributor</b> Model 4402BA	43
	<b>2-fold distributor</b> Model 4403BA	43
	<b>Coupling for backflow preventer BA</b> DN 40 Model 4405A	44
	<b>Connector female x male</b> Model 4406BA	44
	<b>Ventilation cap</b> Model 4400.1BA	44
	<b>Non-return valve</b> Model 4400.2BA	45
	<b>Multiple distributor</b> Model 4480.1BA	45

Illustration	Description	Page
	<b>Multiple distributor with backflow preventer BA</b> DN 20 Model 4480BA	45
	<b>GEKA thread piece</b> Model 402.1	46
	<b>Blind caps</b>	46
	<b>Blind cap Geka-Plus</b>	46
	<b>Adapter</b> Model 4404BA	47
	<b>Handle for Standpipes</b> Model 40004BA	47
	<b>Standpipe lower part</b> Model 40001BA	47
	<b>Standpipe foot NW 70/80</b> Model 400	48









Illustration	Description	Page
	<b>Standpipe foot</b> NW 50/50 Model 401	48
	<b>Hydrant protection cap</b> Diameter 600 mm Model 393640	48
	<b>Seal for standpipe foot</b> Model 452 / 453	48
	<b>Seal for single and 2-fold distributor</b> Model 452 / 453	49
	<b>Protecting cap for standpipe foot</b> Model 415	49
	<b>Cage sieves</b> Model 471 / 472	50
	<b>Steel sieve / safety ring</b> Model 470 / 470.1	50/51
	<b>Hydrant key</b> rigid / adjustable Model 420 / 421	51

Illustration	Description	Page
	<b>Standpipe cart</b> Standard and increased version	59
	<b>Testing base</b> Model 4602BA	38
	<b>Differential pressure measuring case</b> Model 4600BA / 4601BA	38
	<b>Disinfection System for Standpipe</b> Model 4700BA	39
	<b>BEULCO Clean Desinfectant</b> Model 4700.1	40
	<b>Silicone lubricant Berusil / Fitting grease Berulub</b>	41

# OVERVIEW

## Water program

Application ● DW = Drinking Water  
● W = Water








Illustration	Description	Page
	<b>Standpipe Alu standard</b> with tap valve and lockable C-coupling  Model 4000	52
	<b>Standpipe Alu standard</b> with 2 tap valves  Model 4020	53
	<b>Standpipe Alu standard</b> with 8 tap valve  Model 4080	54
	<b>Standpipe Alu standard</b> with C-fixed coupling  Model 4030	53
	<b>Standpipe Alu standard</b> with 2 lockable C-couplings  Model 4050	55
	<b>Standpipe alu standard</b> with tap valve and lockable C-coupling Storz 65  Model 4000NL	56
	<b>Standpipe lower part standard Alu</b>  Model 40001	56

Illustration	Description	Page
	<b>Multiple distributor</b>  Model 4480.1	57
	<b>Multiple distributor with tap valves</b>  Model 4480	57
	<b>Standpipe upper part</b>  Model 40002	58
	<b>Tap valve</b>  Model 402	58
	<b>Non-return valve</b>  Model 490	58
	<b>Valve upper part</b>  Model 403	59
	<b>Handwheel</b>  Model 404	59

# STANDPIPE DRINKING WATER

Model 4000BA

## Basic model:

- backflow preventer BA DN20 with Geka coupling
- backflow preventer BA DN40 with C fixed coupling
- Manifold made of brass with pipe aerator
- Brass handle with swivel head
- riser pipe 2" made of stainless steel
- Brass foot piece with strainer



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, prepared for water meter $Q_3 = 16$ (previously Qn 10), with bridging pipe 2" made of brass	with foot NW 70/80	●	⦿	1	319565
	with foot NW 50/50	●	⦿	1	330157
	type Württemberg NW 50/50	●	⦿	1	330164
Basic model, prepared for water meter $Q_3 = 10$ (previously Qn 6), without bypass pipe	with foot NW 70/80	●	⦿	1	330171
	with foot NW 50/50	●	⦿	1	330188
	type Württemberg NW 50/50	●	⦿	1	330195
Basic model, with water meter $Q_3 = 16$ (previously Qn 10)	with foot NW 70/80	●	⦿	1	330201
	with foot NW 50/50	●	⦿	1	330218
	type Württemberg NW 50/50	●	⦿	1	330225
Basic model, with water meter $Q_3 = 10$ (previously Qn 6)	with foot NW 70/80	●	⦿	1	330232
	with foot NW 50/50	●	⦿	1	330249
	type Württemberg NW 50/50	●	⦿	1	330256

**Application** ● DW = Drinking Water  
 ● W = Water

# STANDPIPE DRINKING WATER

## Model 4020BA

### Basic model:

- 2 backflow preventer BA DN20 each with Geka coupling
- Manifold made of brass with pipe aerator
- Brass handle with swivel head
- riser pipe 2" made of stainless steel
- Brass foot piece with strainer



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, prepared for water meter $Q_3 = 4$ (previously Qn 2.5), without bypass pipe	with foot NW 70/80	●	⊙	1	330287
	with foot NW 50/50	●	⊙	1	330294
	type Württemberg NW 50/50	●	⊙	1	330300
Basic model, prepared for Water meter $Q_3 = 10$ (previously Qn 6), with bridging pipe 1 1/4" made of brass	with foot NW 70/80	●	⊙	1	319541
	with foot NW 50/50	●	⊙	1	330263
	type Württemberg NW 50/50	●	⊙	1	330270
Basic model, with water meter $Q_3 = 4$ (previously Qn 2.5)	with foot NW 70/80	●	⊙	1	330348
	with foot NW 50/50	●	⊙	1	330355
	type Württemberg NW 50/50	●	⊙	1	330362
Basic model, with water meter $Q_3 = 10$ (previously Qn 6)	with foot NW 70/80	●	⊙	1	330317
	with foot NW 50/50	●	⊙	1	330324
	type Württemberg NW 50/50	●	⊙	1	330331
as basic model, but 1-gang, prepared for water meter $Q_3 = 4$ (previously Qn 2.5), without bypass pipe	with foot NW 70/80	●	⊙	1	330379
	with foot NW 50/50	●	⊙	1	330386
	type Württemberg NW 50/50	●	⊙	1	330393
as basic model, but 1gang, with water meter $Q_3 = 4$ (previously Qn 2.5)	with foot NW 70/80	●	⊙	1	330409
	with foot NW 50/50	●	⊙	1	330416
	type Württemberg NW 50/50	●	⊙	1	330423

# STANDPIPE DRINKING WATER

Model 4080BA

## Basic model:

- 8 backflow preventers BA DN20 each with Geka coupling
- Manifold made of brass with pipe aerator
- Brass handle with swivel head
- riser pipe 2" made of stainless steel
- Brass foot piece with strainer



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, with bridging tube 2" made of brass	with foot NW 70/80	●	⦿	1	320677
	with foot NW 50/50	●	⦿	1	330485
	type Württemberg NW 50/50	●	⦿	1	330492
Basic model, prepared for water meter $Q_3 = 16$ (previously $Q_n 10$ ), without bypass pipe	with foot NW 70/80	●	⦿	1	330591
	with foot NW 50/50	●	⦿	1	330607
	type Württemberg NW 50/50	●	⦿	1	330614
Basic model, with water meter $Q_3 = 16$ (previously $Q_n 10$ )	with foot NW 70/80	●	⦿	1	330713
	with foot NW 50/50	●	⦿	1	330720
	type Württemberg NW 50/50	●	⦿	1	330737
Basic model, prepared for water meter $Q_3 = 10$ (previously $Q_n 6$ ), without bypass pipe	with foot NW 70/80	●	⦿	1	330560
	with foot NW 50/50	●	⦿	1	330577
	type Württemberg NW 50/50	●	⦿	1	330584
Basic model, with water meter $Q_3 = 10$ (previously $Q_n 6$ )	with foot NW 70/80	●	⦿	1	330683
	with foot NW 50/50	●	⦿	1	330690
	type Württemberg NW 50/50	●	⦿	1	330706
as basic model, but 6-fold, pre-prepared for water meter $Q_3 = 10$ (previously $Q_n 6$ ), without bypass pipe	with foot NW 70/80	●	⦿	1	330539
	with foot NW 50/50	●	⦿	1	330546
	type Württemberg NW 50/50	●	⦿	1	330553
as basic model, but 6-fold with water meter $Q_3 = 10$ (previously $Q_n 6$ )	with foot NW 70/80	●	⦿	1	330652
	with foot NW 50/50	●	⦿	1	330669
	type Württemberg NW 50/50	●	⦿	1	330676
as basic model, but 4-fold, prepared for water meter $Q_3 = 10$ (previously $Q_n 6$ ), without bridging pipe	with foot NW 70/80	●	⦿	1	330508
	with foot NW 50/50	●	⦿	1	330515
	type Württemberg NW 50/50	●	⦿	1	330522

**Application** ● DW = Drinking Water  
 ● W = Water

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
as basic model, but 4-fold, with water meter $Q_3 = 10$ (previously Qn 6)	with foot NW 70/80	●	●	1	330621
	with foot NW 50/50	●	●	1	330638
	type Württemberg NW 50/50	●	●	1	330645

## STANDPIPE DRINKING WATER

### Model 4050BA

#### Basic model:

- 2 backflow preventers BA DN 40 each with C-coupling
- Manifold made of brass with pipe aerator
- Brass handle with swivel head
- riser pipe 2" made of stainless steel
- Brass foot piece with strainer



	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, prepared for water meter $Q_3 = 16$ (previously Qn 10), with bridging pipe 2" made of brass	with foot NW 70/80	●	●	1	319558
	with foot NW 50/50	●	●	1	330430
	type Württemberg NW 50/50	●	●	1	330447
Basic model with water meter $Q_3 = 16$ (previously Qn 10)	with foot NW 70/80	●	●	1	330454
	with foot NW 50/50	●	●	1	330461
	type Württemberg NW 50/50	●	●	1	330478
as basic model, but 1gang, prepared for water meter $Q_3 = 16$ (previously Qn 10), without turntable	with foot NW 70/80	●	●	1	337279

# BACKFLOW PREVENTER BA

## Model 40002BA

according to DIN 12729

Connection thread (cylindrical) according to DIN ISO 228.

Depending on the application, single or double BA distributors or for DN 20 water meter screw connections (see product group G) can be used here.

For more information on the spare parts of the system separator, see page.



	Equipment	DW	W	pkg. unit	EAN no. 4027848-
1" male	DN 20 with Geka coupling	●	●	1	338689
1 3/4" male	DN 40 with C fixed coupling	●	●	1	338696

# BACKFLOW PREVENTER BA

## Model 40002BA

according to DIN 12729

Connection thread (conical) according to DIN EN 10226

incl. transition piece 2" IT to 1 3/4" ET



	Equipment	DW	W	pkg. unit	EAN no. 4027848-
2" male / 1 3/4" male	DN 50 with C fixed coupling	●	●	1	351923



### Attention

According to the legal regulations, the system separators must be checked annually for function. We will be pleased to carry out this inspection for you. Information on the BEULCO service can be found on page 10.

**Application** ● DW = Drinking Water  
● W = Water



# TRACKIT

Model 42025

GPS tracker for standpipes

shockproof and waterproof according to IPX7, low power consumption, long lifetime, battery replaceable, energy saving mode, temperature sensor with alarm message in case of frost pre-installed on the standpipe or for self-installation as retrofit kit

By ordering the GPS tracker you automatically enter into a contract with the TrackIT portal. For the portal there is a flat rate of 5,90€ per month and tracker. Our general terms and conditions for IoT services apply: <https://www.beulco.de/agb>



Item may differ from the picture.

Equipment	pkg. unit	EAN no.
		4027848-
pre-mounted on standpipe	1	380848
Retrofit kit for self-assembly	1	380831

# TRACKIT - SPARE BATTERY

Model 42025.1



	pkg. unit	EAN no.
		4027848-
	1	380787



*„We work in a solution-oriented way.  
With foresight into the future.“*

**Udo Zietlow**

External sales  
since 10 years with BEULCO

# TRACKIT - ASSEMBLY PLIERS

Model 42025.2

for steel cable ties



Item may differ from the picture.

	pkg. unit	EAN no. 4027848-
	1	380930

# STANDPIPE MANAGER

Software package

for the management of the standpipe inventory and standpipe rental.

Equipment	pkg. unit	EAN no. 4027848-
Basic package with 3 workstation licenses for the installation of up to 10 standpipes	1	
Extension to the basic package for the installation of 20 additional standpipes with accessories	1	381500

# SIGNATUR PAD

for standpipe manager



	pkg. unit	EAN no. 4027848-
	1	382149

Application ● DW = Drinking Water  
● W = Water

# STANDPIPE DRINKING WATER WITH TRIPOD

Model 4091BA

## Basic model:

- distributor made of brass with ventilating valve
- rising pipe 2" made of stainless steel
- Connection: T-piece 2" and 2 C-couplings (see image) or elbow 90° to PE-pipe diameter 50 mm (without image)
- tripod made of galvanised steel



Item may differ from the picture.

Example: standpipe with tripod

Equipment upper part	Equipment middle part	DW	W	pkg. unit	EAN no. 4027848-
8-fold distributor with 8 backflow preventer BA DN 20	prepared for water meter $Q_3 = 16$ (before $Q_n 10$ ) Connection: T-pieces + C-couplings	●	●	1	331819
8-fold distributor with 8 backflow preventer BA DN 20	with water meter $Q_3 = 16$ (before $Q_n 10$ ) Connection: T-pieces + C-couplings	●	●	1	335824
4-fold distributor with 4 backflow preventer BA DN 20	prepared for water meter $Q_3 = 16$ (before $Q_n 10$ ) Connection: elbow 90° to PE-pipe	●	●	1	340767
6-fold distributor with 6 backflow preventer BA DN 20	prepared for water meter $Q_3 = 16$ (before $Q_n 10$ ) Connection: elbow 90° to PE-pipe	●	●	1	340774

# ADD-ON DISTRIBUTOR FOR SURFACE HYDRANTS

Model 4092BA

**Example:** add-on distributor  
System separator BA DN 40  
1-way without water meter

**Example:** add-on distributor  
Backflow preventer BA DN 20  
3-fold without water meter

**Example:** add-on manifold  
BA DN 20 backflow preventer  
4-fold without water meter



Quantity	Backflow preventer BA	Connection	DW	W	pkg. unit	EAN no. 4027848-
1-fold	1 x DN 20	C-fixed coupling	●	●	1	326082
1-fold	1 x DN 40	C-fixed coupling	●	●	1	326044
1-fold	1 x DN 20	B-fixed coupling	●	●	1	331468
1-fold	1 x DN 40	B-fixed coupling	●	●	1	331475
1-fold (straight)	1 x DN 20	C-fixed coupling	●	●	1	338740
2-fold	2 x DN 20	C-fixed coupling	●	●	1	331642
2-fold	2 x DN 20	B-fixed coupling	●	●	1	331703
2-fold	2 x DN 40	B-fixed coupling	●	●	1	331659
2-fold	1 x DN 20 / 1 x DN 40	C-fixed coupling	●	●	1	331734
2-fold	1 x DN 20 / 1 x DN 40	B-fixed coupling	●	●	1	331741
3-fold	3 x DN 20	C-fixed coupling	●	●	1	326051
3-fold	3 x DN 20	B-fixed coupling	●	●	1	331710
4-fold	4 x DN 20	C-fixed coupling	●	●	1	326068
4-fold	4 x DN 20	B-fixed coupling	●	●	1	331727

**Application** ● DW = Drinking Water  
● W = Water

# DRINKING WATER CONNECTION UNIT

Model 4093BA

equipped with: system separator BA DN 20  
lockable, robust metal cabinet

1 - 4 times variant: prepared for water meter Q3 = 4 (previously Qn, 2,5) inlet side  
with Geka coupling and quickturn valve



Item may differ from the picture.

Equipment	DW	W	pkg. unit	EAN no. 4027848-
1-fold	●	●	1	364084
2-fold	●	●	1	369133
3-fold	●	●	1	369140
4-fold	●	●	1	369157
10-fold (with c-coupling at the input side)	●	●	1	369584

# EXTENSION SET FOR DRINKING WATER CONNECTION UNIT

Model 4094BA

complete set for the extension of the drinking water connection unit  
with 1 backflow preventer BA DN 20



Equipment	DW	W	pkg. unit	EAN no. 4027848-
1-fold	●	●	1	365982

# DRINKING WATER CONNECTION BOX

Optionally with carrier frame

equipped with: System separator BA DN 20, with upstream strainer, lockable box solution, prepared for, Q3=4 (installation length 190mm).

dimensions of the box: 610x400x355 (LxWxH), weight of the box: approx. 9kg  
(without water meter)

Connections of the box: inlet 1" male / outlet 1" female



Equipment	DW	W	pkg. unit	EAN no. 4027848-
Drinking water connection box	●	●	1	395217
Carrier frame			1	395286

# DIFFERENTIAL PRESSURE MEASURING CASE

Model 4600BA



Item may differ from the picture.

Equipment	pkg. unit	EAN no. 4027848-
with testing set for backflow preventer BA DN 20	1	338726

## TESTING SET

Model 4601BA

for backflow preventer BA



Equipment	pkg. unit	EAN no. 4027848-
for DN 20	1	321315
for DN 40	1	321339

## TESTING BASE

Model 4602BA



Equipment	pkg. unit	EAN no. 4027848-
NW 70/80	1	337408

Application ● DW = Drinking Water  
● W = Water

# DISINFECTION SYSTEM FOR STANDPIPES

## Model 4700BA

consisting of: Disinfection unit (removable, e.g. for mobile use) with 2 standpipe claws and collecting tray with grid, extensive accessories\* Delivery with instruction on site.



Version	Dimension tub	pkg. unit	EAN no. 4027848-
2 Standpipe claw NW 70/80	1245 x 865 x 375	1	376155

# DISINFECTION SYSTEM FOR STANDPIPES

## Model 4700BA

consisting of: Disinfection unit (removable, e.g. for mobile use) with a standpipe claw and collecting tray with grid, extensive accessories\* Delivery with on-site instruction.



Version	Dimension tub	pkg. unit	EAN no. 4027848-
1 Standpipe claw NW 70/80	910 x 760 x 525	1	380398

# RINSING AND DISINFECTION UNIT

for mobile use, with extensive accessories  
Delivery with instruction on site.



	pkg. unit	EAN no. 4027848-
	1	376162

\* To operate the system, drinking water hoses with shut-off valve (minimum 1/2") and waste water hoses (minimum 3/4" - maximum 1" - maximum 6 m long) are required in the inlet, each with Geka coupling. These are not included in the scope of delivery.  
Operating pressure: minimum 3 bar - maximum 6 bar.

# BEULCO CLEAN TEST SET

for retrofitting and use of BEULCO Clean on third party equipment

consisting of:

Redox meter, redox test solution, potassium chloride electrolyte 3mol - 100ml, redox electrode with BNC plug, measuring cup, disposable syringe



	pkg. unit	EAN no. 4027848-
	1	382415

# BEULCO CLEAN DESINFECTANT

Model 4700.1

for BEULCO flushing and disinfection device for standpipes disinfectant on the basis of sodium hypochlorite, sustainable and decomposes naturally by 100 percent



Equipment	pkg. unit	EAN no. 4027848-
20 l canister	1	377978

# SILICONE LUBRICANT BERUSIL

Model 8870



	DW	W	pkg. unit	EAN no. 4027848-
50 ml dosing bottle	●	●	1	202225

**Application** ● DW = Drinking Water  
● W = Water

\* To operate the system, drinking water hoses with shut-off valve (minimum 1/2") and waste water hoses (minimum 3/4" - maximum 1" - maximum 6 m long) are required in the inlet, each with Geka coupling. These are not included in the scope of delivery.  
Operating pressure: minimum 3 bar - maximum 6 bar.



# FITTING GREASE BERULUB

Model 8870



Item may differ from the picture.

	DW	W	pkg. unit	EAN no. 4027848-
25 g tube	●	●	1	376988

# BRIDGING PIPE WITH SAMPLING VALVE

Model 4099BA

consisting of:

bridging pipe made of brass with sampling valve flanging pipe made of stainless steel



Dimension	DW	W	pkg. unit	EAN no. 4027848-
2" - 180 mm	●	●	1	327935
1 1/4" - 230 mm	●	●	1	328116

# SAMPLING VALVE FOR BACKFLOW PREVENTER BA

Model 6069BA

made of brass for sampling all chemical and microbiological parameters

- rotatable around 360° and at two axes
- chemically and thermally disinfectable/deflagratable
- easy mounting
- vertical sampling in all installation positions
- Pb-free body



Thread	DW	W	pkg. unit	EAN no. 4027848-
1/4"	●	●	1	368877

# ULTRASONIC SMART WATER METER

## Model 495

for measuring and registering of water consumption

- ultrasonic measurement
- high precision
- long lifetime
- vacuum sealed construction



Item may differ from the picture.

Nominal flow	Overall length (mm)	DW	W	pkg. unit	EAN no. 4027848-
$Q_3 = 10$ (before = $Q_n 6$ )	260	●	●	1	380589
$Q_3 = 16$ (before = $Q_n 10$ )	300	●	●	1	380596

# WATER METER FOR COLD WATER UP TO 30°C

for the installation in riser pipes



Nominal flow	DW	W	pkg. unit	EAN no. 4027848-
$Q_3 = 4$ (before = $Q_n 2,5$ )	●	●	1	183340
$Q_3 = 10$ (before = $Q_n 6$ )	●	●	1	183357
$Q_3 = 16$ (before = $Q_n 10$ )	●	●	1	183333

**Application** ● DW = Drinking Water  
● W = Water

# SINGLE DISTRIBUTER

Model 4402BA

incl. ventilation valve and seals



Item may differ from the picture.

Outlets	for	DW	W	pkg. unit	EAN no. 4027848-
1" x 1"	DN 20	●	⦿	1	319879
1 1/4" x 1"	DN 20	●	⦿	1	328147
1 3/4" x 2"	DN 40	●	⦿	1	326013

# 2-FOLD DISTRIBUTOR

Model 4403BA

incl. ventilation valve and seal



Outlets	for	DW	W	pkg. unit	EAN no. 4027848-
1" x 1" x 1"	DN 20	●	⦿	1	320271
1" x 1 1/4" x 1"	DN 20	●	⦿	1	319169
1" x 1 1/4" x 1 3/4"	DN 20 / DN 40	●	⦿	1	336777
1" x 2" x 1 3/4"	DN 20 / DN 40	●	⦿	1	319183
1 3/4" x 1 1/4" x 1 3/4"	DN 40 / DN 40	●	⦿	1	322428
1 3/4" x 2" x 1 3/4"	DN 40 / DN 40	●	⦿	1	319176

# COUPLING FOR BACKFLOW PREVENTER

BA DN 40

Model 4405BA

incl. seal



Outlets	DW	W	pkg. unit	EAN no. 4027848-
2" female x 1 3/4" female	●	⦿	1	325573

# CONNECTOR FEMALE - MALE THREAD

Model 4406BA

incl. seal



Outlets	DW	W	pkg. unit	EAN no. 4027848-
2" female x 1 3/4" male	●	●	1	376230

# VENTILATION CAP

Model 4400.1BA



Application	DW	W	pkg. unit	EAN no. 4027848-
for single and 2-fold distributor	●	●	1	317110

# NON-RETURN VALVE

Model 4400.2BA



Application	DW	W	pkg. unit	EAN no. 4027848-
for ventilation cap	●	●	1	317127

Application ● DW = Drinking Water  
● W = Water

# MULTIPLE DISTRIBUTOR BA

Model 4480.1BA

prepared for backflow preventer BA DN 20  
with ventilating valve and seals



Item may differ from the picture.

Equipment	DW	W	pkg. unit	EAN no. 4027848-
4-fold	●	●	1	322794
6-fold	●	●	1	322800
8-fold	●	●	1	322497

# MULTIPLE DISTRIBUTOR BA

Model 4480BA

with 4, 6 or 8 mounted backflow preventer BA DN 20



Equipment	DW	W	pkg. unit	EAN no. 4027848-
4-fold	●	●	1	320653
6-fold	●	●	1	320646
8-fold	●	●	1	320639

# GEKA-PLUS THREAD PIECE

Model 402.1

- for tap valve 1" male, Model 402
- for backflow preventer BA DN 20, Model 40002 BA incl. seal



Thread	DW	W	pkg. unit	EAN no. 4027848-
1" female	●	●	1	266579

# BLIND CAPS

made of aluminum or brass for closing Storz couplings or C-couplings with chain



Nominal size	Lug spacing (mm)	Length	Material	DW	W	pkg. unit	EAN no. 4027848-
52-C-coupling	66	43	Aluminium		●	1	194926
Storz 65	81	34	Aluminium		●	1	214389
Storz 65	81	34	Brass	●	●	1	332168

# BLIND CAP GEKA-PLUS

for closing Geka-couplings with bore to fix the little chains



Claw distance	Material	DW	W	pkg. unit	EAN no. 4027848-
40 mm	Brass	●	●	1	332090

# ADAPTER

Model 4404BA

for retrofitting existing standpipes incl. seal



Thread	DW	W	pkg. unit	EAN no. 4027848-
2" x 1"	●	●	1	320318
2" x 1 1/4"	●	●	1	320301

**Application** ● DW = Drinking Water  
● W = Water

# BRASS HANDLE

Model 40004BA

complete (incl. live ring 2" female thread)



Item may differ from the picture.

Change-over	DW	W	pkg. unit	EAN no. 4027848-
2" female x 2" female	●	⦿	1	376452
2" female x 1 1/4" female	●	⦿	1	155071

# STANDPIPE LOWER PART

Model 40001BA

complete, consisting of:

- live ring with female thread, incl. seal
- brass handle
- rising pipe made of stainless steel
- brass foot



Thread	Equipment	DW	W	pkg. unit	EAN no. 4027848-
2"	NW 70/80	●	⦿	1	319121
2"	NW 50/50	●	⦿	1	320332
2"	type Württemberg NW 50/50	●	⦿	1	321506
2"	type Württemberg NW 50/50	●	⦿	1	371693

# BRASS STANDPIPE FOOT

Model 400

NW 70/80

complete with claw nur, seal and sieve



Thread	DW	W	pkg. unit	EAN no. 4027848-
2" female	●	⦿	1	319060

# BRASS STANDPIPE FOOT

Model 401

NW 50/50

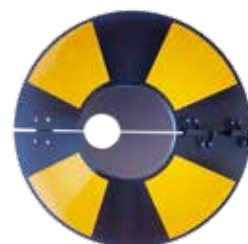
complete with claw nur, seal and sieve



Thread	DW	W	pkg. unit	EAN no. 4027848-
2" female	●	●	1	154258

# HYDRANT PROTECTION CAP

for standpipes



Diameter (mm)	pkg. unit	EAN no. 4027848-
600	1	393640

# SEAL

for standpipe foot



Model	for foot	Dimensions (mm)	DW	W	pkg. unit	EAN no. 4027848-
452	NW 70/80	92 x 72 x 4	●	●	1	183678
453	NW 50/50	77 x 55,5 x 4	●	●	1	183661

Application ● DW = Drinking Water  
● W = Water



# SEAL

for single and 2-fold distributor



Item may differ from the picture.

Exit	Dimension (mm)	DW	W	pkg. unit	EAN no. 4027848-
1"	30 x 24 x 3	●	●	20	183586
1 1/4"	39 x 30 x 3	●	●	20	183609
1 3/4"	50 x 43 x 2	●	●	1	319886
2"	55 x 43 x 2	●	●	10	183647

# PROTECTING CAP

Model 415

for standpipe foot



for foot	pkg. unit	EAN no. 4027848-
NW 70/80	20	307593
NW 50/50	20	309740

# LIP SEAL

Model 454

for couplings



Dimensions (mm)	DW	W	pkg. unit	EAN no. 4027848-
60 x 47 x 10,5 (for C-coupling)	●	●	1	214396
81 x 68 x 10 (for B-coupling)	●	●	1	248810

# CAGE SIEVE

## Model 472

for brass handle, Model 40004BA  
(Installation from above)



for standpipe lower part	DW	W	pkg. unit	EAN no. 4027848-
NW 70/80 and NW 50/50	●	●	1	361434

# CAGE SIEVE

## Model 471

for foot, Model 400  
(Installation from below)



for standpipe lower part	DW	W	pkg. unit	EAN no. 4027848-
NW 70/80	●	●	1	346202

# SIEVE MADE OF STAINLESS STEEL

## Model 470

for mounting the the sieve, the safety ring (item no. 326945) is required.  
Please order separately



for foot	DW	W	pkg. unit	EAN no. 4027848-
NW 70/80	●	●	10	326617

Application ● DW = Drinking Water  
● W = Water

# SAFETY RING

Model 470.1



Application	DW	W	pkg. unit	EAN no. 4027848-
for sieve made of stainless steel for foot NW 70/80	●	●	10	326945

# HYDRANT KEY

Model 420 und 421

square 27-32 (tapered)



Model	Length	DW	W	pkg. unit	EAN no. 4027848-
420	1,10 m	●	●	1	154326
421	adjustable from 1,20 to 2,00 m	●	●	1	154333

# STANDPIPE STANDARD ALU

## Model 4000

### Basic model:

- Shut-off C-fixed coupling according to DIN 14307 with backflow preventer
- Tap valve 1" AG without hose nozzle, with backflow preventer
- valve body 2" with tube aerator
- Handle with swivel
- riser tube 2" made of aluminum
- Foot piece made of brass with strainer

Flow rate according to DIN EN 60534-2-3 for art. no.: 322336 25.2m<sup>3</sup>/h = 420l/min (tap valve closed)



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, with bridging tube 2" made of brass	with foot NW 70/80		●	1	322336
	with foot NW 50/50		●	1	330744
	type Württemberg NW 50/50		●	1	330751
Basic model, prepared for water meter Q3 = 10 (previously Qn 6), with bridging pipe 1 1/4"	with foot NW 70/80		●	1	330768
	with foot NW 50/50		●	1	330775
	type Württemberg NW 50/50		●	1	330782
Basic model, prepared for water meter Q3 = 16 (previously Qn 10), with bridging pipe 2"	with foot NW 70/80		●	1	330799
	with foot NW 50/50		●	1	330805
	type Württemberg NW 50/50		●	1	330812
Basic model, with water meter Q3 = 10 (previously Qn 6)	with foot NW 70/80		●	1	330829
	with foot NW 50/50		●	1	330836
	type Württemberg NW 50/50		●	1	330843
Basic model, with water meter Q3 = 16 (previously Qn 10)	with foot NW 70/80		●	1	330850
	with foot NW 50/50		●	1	330867
	type Württemberg NW 50/50		●	1	330874

**Application** ● DW = Drinking Water  
● W = Water

# STANDPIPE STANDARD ALU

## Model 4020

### Basic model:

- 2 tapping valves 1" AG without hose nozzle, with backflow preventer
- valve body 2" with tube aerator
- Handle with swivel
- riser pipe 2" made of aluminum
- Foot piece made of brass with strainer



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, prepared for water meter $Q_3 = 4$ (previously $Q_n 2.5$ ) with bridging pipe 1"	with foot NW 70/80		●	1	322343
	with foot NW 50/50		●	1	330881
	type Württemberg NW 50/50		●	1	330898
Basic model, with water meter $Q_3 = 4$ (previously $Q_n 2.5$ )	with foot NW 70/80		●	1	330904
	with foot NW 50/50		●	1	330911
	type Württemberg NW 50/50		●	1	330928
as basic model, but 1-gang, prepared for water meter $Q_3 = 4$ (previously $Q_n 2.5$ ), without bypass pipe	with foot NW 70/80		●	1	330935
as basic model, but 1gang, with water meter $Q_3 = 4$ (previously $Q_n 2.5$ )	with foot NW 70/80		●	1	330942

# STANDPIPE STANDARD ALU

## Model 4030

### Basic model:

- C-coupling acc. to DIN 14307 with non-return valve
- handle with live ring made of brass
- rising pipe 2" made of aluminium
- foot made of brass with sieve



	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model	with foot NW 70/80		●	1	322350
	with foot NW 50/50		●	1	330959
	type Württemberg NW 50/50		●	1	330966

# STANDPIPE STANDARD ALU

## Model 4080

### Basic model:

- 8 tap valves 1" male thread without hose clips
- each protected with non-return valves
- distributor made of brass with ventilating valve
- handle with live ring
- rising pipe 2" made of aluminium
- foot made of brass with sieve



Item may differ from the picture.

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model, with bridging pipe 2" made of brass	with foot NW 70/80		●	1	319534
	with foot NW 50/50		●	1	331024
	type Württemberg NW 50/50		●	1	331031
Basic model, prepared for water meter Q <sub>3</sub> = 10 (before Qn 6), without bridging pipe	with foot NW 70/80		●	1	331130
	with foot NW 50/50		●	1	331147
	type Württemberg NW 50/50		●	1	331154
Basic model, prepared for water meter Q <sub>3</sub> = 16 (previously Qn 10), without bypass pipe	with foot NW 70/80		●	1	331161
	with foot NW 50/50		●	1	331178
	type Württemberg NW 50/50		●	1	331185
Basic model, with water meter Q <sub>3</sub> = 10 (previously Qn 6)	with foot NW 70/80		●	1	331284
	with foot NW 50/50		●	1	331291
	type Württemberg NW 50/50		●	1	331307
Basic model, with water meter Q <sub>3</sub> = 16 (previously Qn 10)	with foot NW 70/80		●	1	331314
	with foot NW 50/50		●	1	331321
	type Württemberg NW 50/50		●	1	331338
as basic model, but 6-fold, prepared for water meter Q <sub>3</sub> = 10 (previously Qn 6), without bypass pipe	with foot NW 70/80		●	1	331109
	with foot NW 50/50		●	1	331116
	type Württemberg NW 50/50		●	1	331123
as basic model, but 6-fold, with water meter Q <sub>3</sub> = 10 (previously Qn 6)	with foot NW 70/80		●	1	331253
	with foot NW 50/50		●	1	331260
	type Württemberg NW 50/50		●	1	331277
as basic model, but 4-fold, prepared for water meter Q <sub>3</sub> = 4 (previously Qn 2.5), without bypass pipe	with foot NW 70/80		●	1	331048
	with foot NW 50/50		●	1	331055
	type Württemberg NW 50/50		●	1	331062

**Application** ● DW = Drinking Water  
● W = Water

	Equipment	DW	W	pkg. unit	EAN no. 4027848-
as basic model, but 4-fold, with water meter Q3 = 4 (previously Qn 2.5)	with foot NW 70/80		●	1	331192
	with foot NW 50/50		●	1	331208
	type Württemberg NW 50/50		●	1	331215
as basic model, but 4-fold, prepared for water meter Q3 = 10 (previously Qn 6), without bypass pipe	with foot NW 70/80		●	1	331079
	with foot NW 50/50		●	1	331086
	type Württemberg NW 50/50		●	1	331093
as basic model, but 4-fold, with water meter Q3 = 10 (previously Qn 6)	with foot NW 70/80		●	1	331222
	with foot NW 50/50		●	1	331239
	type Württemberg NW 50/50		●	1	331246

## STANDPIPE STANDARD ALU

### Model 4050

#### Basic model:

- 2 lockable C-couplings acc. to DIN 14307 with non-return valve
- valve housing 2" with pipe ventilation valve
- handle made of brass with live ring
- rising pipe 2" made of aluminium
- foot made of brass with sieve

Flow rate according to DIN EN 60534-2-3 for art. no.: 322763 40.8m<sup>3</sup>/h = 680l/min (both valves open)



	Equipment	DW	W	pkg. unit	EAN no. 4027848-
Basic model	with foot NW 70/80		●	1	322763
	with foot NW 50/50		●	1	330973
	type Württemberg NW 50/50		●	1	330980
like basic model, but with 2 additional tap valves 1" male thread, without hose clips, with non-return valve	with foot NW 70/80		●	1	330997
	with foot NW 50/50		●	1	331000
	type Württemberg NW 50/50		●	1	331017

# STANDPIPE STANDARD ALU

Model 4000NL



**Basic model:**

- lockable coupling Storz 65 acc. to NEN 3374
- tap valve 1" male thread without hose clip, with non-return valve
- valve housing 2" with pipe ventilation valve
- handle with live ring made of brass
- rising pipe 2" made of aluminium
- foot made of brass with sieve

Equipment	DW	W	pkg. unit	EAN no. 4027848-
with foot NW 70/80		●	1	331345

# STANDPIPE LOWER PART STANDARD ALU

Model 40001



**complete, consisting of:**

- live ring with female thread, incl. seal
- handle made of brass
- rising pipe made of aluminum
- foot made of brass

Thread	Equipment	DW	W	pkg. unit	EAN no. 4027848-
1 1/4"	NW 70/80		●	1	319152
2"	NW 70/80		●	1	319138
2"	NW 50/50		●	1	321513
2"	type Württemberg NW 50/50		●	1	321520

**Application** ● DW = Drinking Water  
 ● W = Water



# MULTIPLE DISTRIBUTOR

## Model 4480.1

complete with backflow preventer for each outlet and central aerator, prepared for tap valves model 402



Equipment	DW	W	pkg. unit	EAN no. 4027848-
4-fold	●	⦿	1	322770
6-fold	●	⦿	1	322787
8-fold	●	⦿	1	322480

# MULTIPLE DISTRIBUTOR

## Model 4480

complete with 4, 6 or 8 mounted nozzles 1" male, backflow preventers and central aerator



Equipment	DW	W	pkg. unit	EAN no. 4027848-
4-fold	●	⦿	1	318834
6-fold	●	⦿	1	319077
8-fold	●	⦿	1	318827

# STANDPIPE UPPER PART

Model 40002

for Model 4000, complete, consisting of:  
 valve housing with valve upper part and pipe ventilation valve,  
 tap valve 1" male thread with non-return valve and C-coupling with non-return valve



				DW	W	pkg. unit	EAN no. 4027848-
					●	1	324439

# TAP VALVE

Model 402



Inlet	Outlet	DW	W	pkg. unit	EAN no. 4027848-
3/4" male	1" male	●	●	1	324910

# NON-RETURN VALVE

Model 490

for aluminium standpipes standard



for drain valve	DW	W	pkg. unit	EAN no. 4027848-
DN 20	●	●	1	318810
DN 50	●	●	1	324422

Application ● DW = Drinking Water  
 ● W = Water

# VALVE UPPER PART

Model 403

for lockable C-coupling, complete, with handwheel



Thread	DW	W	pkg. unit	EAN no. 4027848-
2"		●	1	154982

# PLASTIC HANDWHEEL

Model 404

for valve upper part 2", with screw



Thread	pkg. unit	EAN no. 4027848-
2"	1	155002

# STANDPIPE CART

Safe transport and hygienic storage of up to 15 standpipes (depending on standpipe design). Height adjustable.

The standard version can be converted to an elevated version by means of the extension set to the elevated version.



Capacity examples:

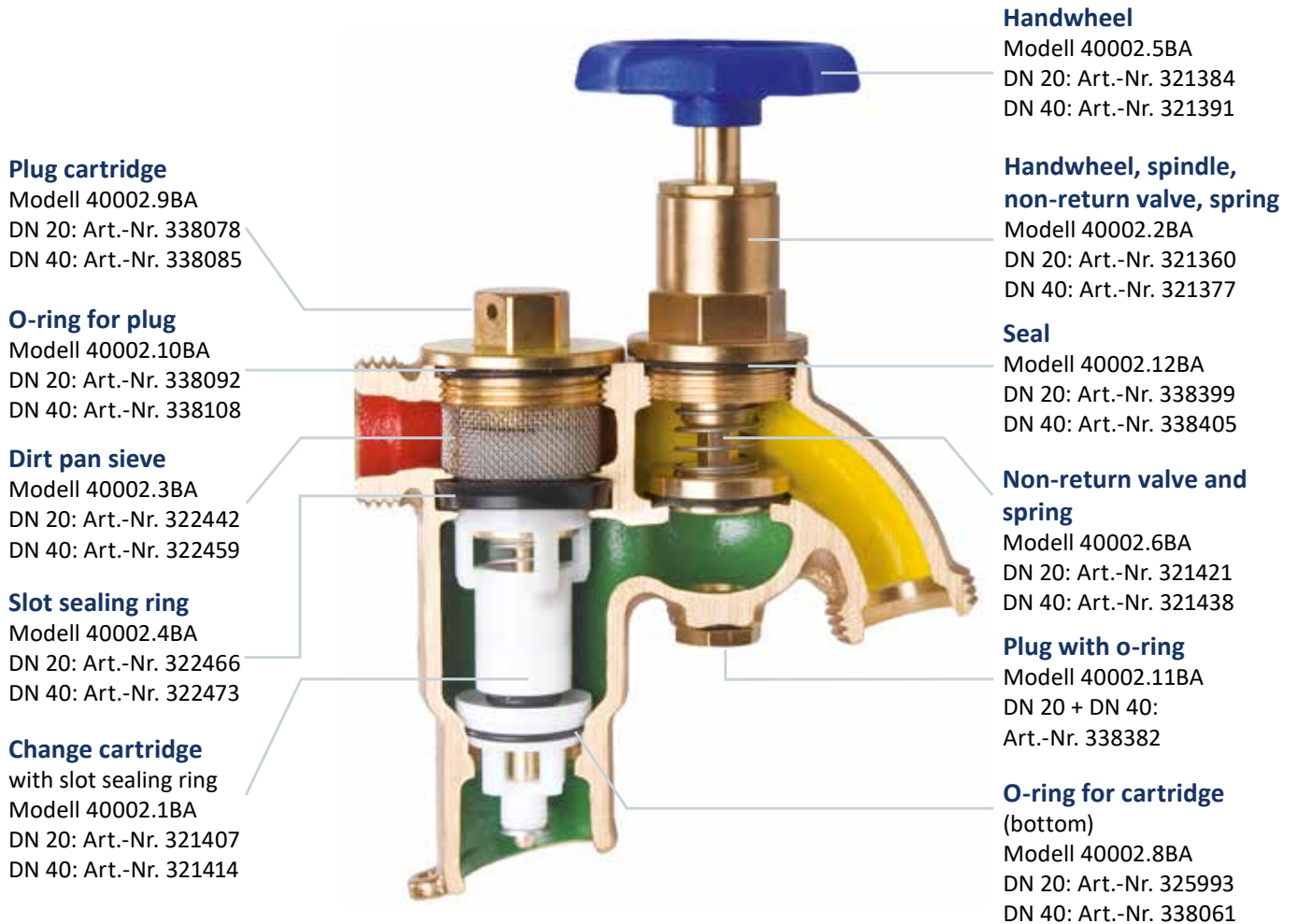
Example 1: 15 BEULCO standpipes with backflow preventer DN20, 2-fold distributor, without water meters

Example 2: 8 BEULCO standpipes with backflow preventer DN20, 2-way distributor, water meters  $Q_3 = 4$

Version	Dimensions	pkg. unit	EAN no. 4027848-
Standard	L = 1470 mm x B = 650 mm x H = 1090 mm	1	379668
increased version (Württemberg)	L = 1470 mm x B = 650 mm x H = 1590 mm	1	384204

# BACKFLOW PREVENTER BA

## Components



### Plug cartridge

Modell 40002.9BA  
DN 20: Art.-Nr. 338078  
DN 40: Art.-Nr. 338085

### O-ring for plug

Modell 40002.10BA  
DN 20: Art.-Nr. 338092  
DN 40: Art.-Nr. 338108

### Dirt pan sieve

Modell 40002.3BA  
DN 20: Art.-Nr. 322442  
DN 40: Art.-Nr. 322459

### Slot sealing ring

Modell 40002.4BA  
DN 20: Art.-Nr. 322466  
DN 40: Art.-Nr. 322473

### Change cartridge

with slot sealing ring  
Modell 40002.1BA  
DN 20: Art.-Nr. 321407  
DN 40: Art.-Nr. 321414

### Handwheel

Modell 40002.5BA  
DN 20: Art.-Nr. 321384  
DN 40: Art.-Nr. 321391

### Handwheel, spindle, non-return valve, spring

Modell 40002.2BA  
DN 20: Art.-Nr. 321360  
DN 40: Art.-Nr. 321377

### Seal

Modell 40002.12BA  
DN 20: Art.-Nr. 338399  
DN 40: Art.-Nr. 338405

### Non-return valve and spring

Modell 40002.6BA  
DN 20: Art.-Nr. 321421  
DN 40: Art.-Nr. 321438

### Plug with o-ring

Modell 40002.11BA  
DN 20 + DN 40:  
Art.-Nr. 338382

### O-ring for cartridge (bottom)

Modell 40002.8BA  
DN 20: Art.-Nr. 325993  
DN 40: Art.-Nr. 338061

# SPARE PARTS

## Backflow preventer BA

### for backflow preventer BA DN20

Model	consisting of	DW	W	pkg. unit	EAN no. 4027848-
40002.2BA	handwheel, spindle, non-return valve, spring	●	⦿	1	321360
40002.5BA	handwheel	●	⦿	1	321384
40002.1BA	change cartridge, slot sealing ring	●	⦿	1	321407
40002.6BA	non-return valve, spring	●	⦿	1	321421
40002.3BA	dirt pan sieve	●	⦿	1	322442
40002.4BA	slot sealing ring	●	⦿	1	322466
40002.8BA	o-ring	●	⦿	1	325993
40002.9BA	plug for cartridge	●	⦿	1	338078
40002.10BA	o-ring for plug	●	⦿	1	338092
40002.11BA	plug with o-ring	●	⦿	1	338382
40002.12BA	seal	●	⦿	1	338399

### for backflow preventer BA DN40

Model	consisting of	DW	W	pkg. unit	EAN no. 4027848-
40002.2BA	handwheel, spindle, non-return valve, spring	●	⦿	1	321377
40002.5BA	handwheel	●	⦿	1	321391
40002.1BA	change cartridge, slot sealing ring	●	⦿	1	321414
40002.6BA	non-return valve, spring	●	⦿	1	321438
40002.3BA	dirt pan sieve	●	⦿	1	322459
40002.4BA	slot sealing ring	●	⦿	1	322473
40002.8BA	o-ring	●	⦿	1	338061
40002.9BA	plug for cartridge	●	⦿	1	338085
40002.10BA	o-ring for plug	●	⦿	1	338108
40002.11BA	plug with o-ring	●	⦿	1	338382
40002.12BA	seal	●	⦿	1	338405

# #DRINKINGWATERPASSION

Not only a Commitment, a passion.

The passion for drinking water accompanies us through all areas of the company. With our ideas and innovations, we want to protect it and bring it safely to its destination.

**Clean drinking water** is of paramount importance for a healthy future. It is the only way to ensure the necessary hygiene and to support and maintain health.

For this reason, drinking water should not be a rarity, but accessible to everyone - worldwide.

We want to make clean access to running drinking water easy and safe with our products, so that a supply is possible at any time and in any place.

In the development and manufacture of our products, we responsible and sustainable use of all materials and especially of our most precious resource - drinking water. For this reason, we are constantly working on improving our materials and production processes with regard to this task close to our heart.

## Drink

Without the supply of liquid, the human being is not viable. Already after 24 hours a lack of liquid shows a dehydration of the body. If it lasts longer than three days, the body can no longer survive.

## Water

Water is the basis of all life for plants, animals and for us humans - making it the most precious resource we have on earth. Water bodies such as lakes and rivers are habitats for many animals and plants. Therefore, the protection of drinking water has top priority.

## Passion

The love for drinking water and drinking water protection has always made us - therefore we develop products and solutions to protect our most valuable food in the long term.

## #DRINKINGWATERPASSION

One word says it all.





**BEULCO® GmbH & Co. KG**

Kölner Straße 92  
D-57439 Attendorn

P.O. Box 1 20  
D-57425 Attendorn

Tel. +49 2722 695-0

[info@beulco.de](mailto:info@beulco.de)  
[www.beulco.de](http://www.beulco.de)

**07.1 | 2023**

Subject to technical changes.  
Our current general terms and conditions apply.