

**BROEN-LAB
UNIFLEX™
FITTINGS FOR
SPECIAL
WATER**



BROEN-LAB UNIFLEX™ FITTINGS FOR SPECIAL WATER

BROEN-LAB UNIFLEX™ FITTINGS FOR SPECIAL WATER

Metal handle

BROEN-LAB

Content	Page
Table of Content	2
BROEN-LAB UniFlex™	4
Product Overview	5
Special Water Fittings	
Wall Mounted Fitting - Fully Recirculating  6	Bench Mounted Fitting with Swivel Spout  13
Bench Mounted Fitting on a Column - Fully Recirculating  7	Wall Mounted Fitting with Swivel Spout  14
Wall Mounted Fitting with Plastic Inner Tube  8	Bench Mounted Fitting on a Column with Swivel Spout  15
Bench Mounted Fitting on a Column with Plastic Inner Tube  9	Wall Mounted Fitting with Swivel Spout  16
Fitting with Plastic Inner Tube for Suspended Mounting  10	Wall Mounted Fitting - Stainless Steel  17
Wall Mounted Fitting in Stainless Steel  11	Wall Mounted Fitting - Stainless Steel  18
Bench Mounted Fitting on a Column in Stainless Steel  12	Single Valves - Full Flow and Self-closing  19
BROEN-LAB UniFlex™ Hoses for Special Water	20
Headwork for Special Water Fittings / Accessories and Spare parts	21
Technical Information - Fully Recirculating Fittings	22
Ordering Information	
BROEN-LAB UniFlex™ Fittings.....	23



BROEN-LAB UNIFLEX™ FITTINGS FOR SPECIAL WATER

THIS IS BROEN-LAB UNIFLEX™

BROEN-LAB UniFlex™ line offers a very high quality and durability combined with the complete programme, this adds up to low LCC (Life Cycle Costs). Our line takes the standards in the market to a higher level.

BROEN-LAB UniFlex™ fittings for special water are designed for laboratory use. The operation and configuration of the fittings are highly adapted to the requirements of a modern laboratory. The fittings are surface treated with BROEN-LAB POLY-COAT powder coating, which is highly resistant to most chemicals, UV light and heat – Please refer to the “BROEN-LAB POLY-COAT” brochure for further information.

All special water fittings are as a standard delivered with a detachable hose nozzle with a loose union nut which offers quick and easy assembly and disassembly even when a hose is attached to the fitting.

BROEN-LAB UniFlex™ fittings for special water are designed especially to eliminate corrosion problems in connection with use of purified water. Our fittings offer a number of advantages – A.O.:

- Complete line of Stainless Steel fittings
- Complete line of plastic (PVDF) lined fittings
- Recirculating fittings
- Designed to secure maximum purity of the water
- PTFE diaphragm
- Uniform design with the rest of the BROEN-LAB UniFlex™ programme



WHAT IS SPECIAL WATER?

Special water is water that has been treated to ensure maximum purity of the water. This is important for certain tests in order to avoid contamination of the samples. The water can be cleaned in many different ways – A.O.:

- Demineralisation (Boiling)
- RO – Reverse Osmosis
- UV light
- Ultra Filtration
- Desalination

WHY DO I NEED SPECIAL FITTINGS?

Special water or purified water becomes very aggressive when treated, as a consequence of this normal brass fittings will corrode very quickly if used in connection with these media. Our fittings for special water offer materials that are suitable and tested for use with treated water and all components are selected to ensure maximum corrosion resistance.

In order to secure maximum purity of water our fittings for special water have been designed with special components and technologies to ensure that test samples are not polluted.

OUR SOLUTIONS

Stainless Steel Fittings



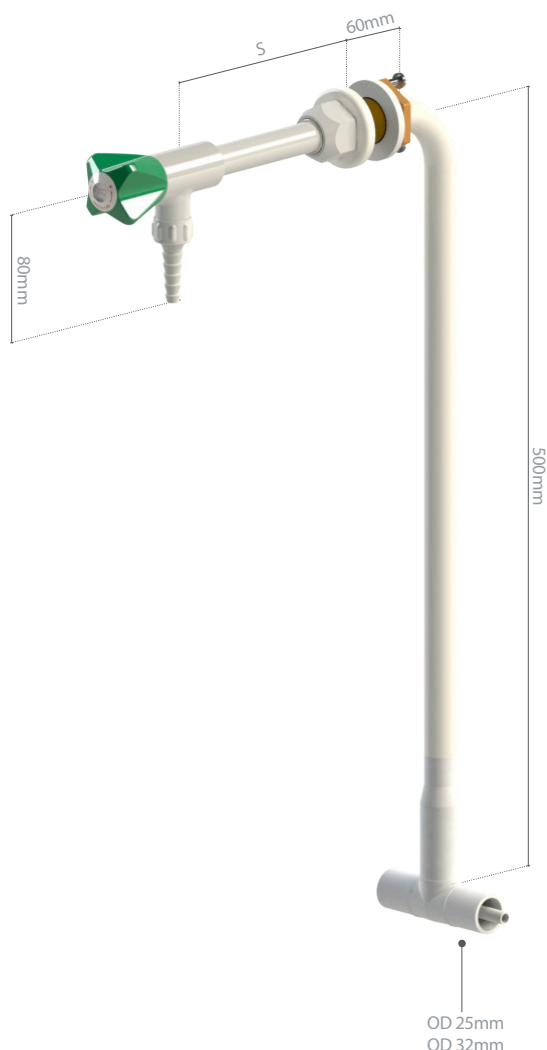
Plastic (PVDF) lined Fittings



Recirculating Fittings



WALL MOUNTED FITTING - FULLY RECIRCULATING



BROEN-LAB fully recirculating fittings ensure constant fresh water with no dead legs even when the point-of-use valve is in closed position.

The Tee-piece of the fitting should be connected to a loop with a constant circulation of water. For more details about installation, jointing methods, etc. please refer to page 22.

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.6 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE



Plastics: PP, PP-n, PVDF

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Model: OD 25mm

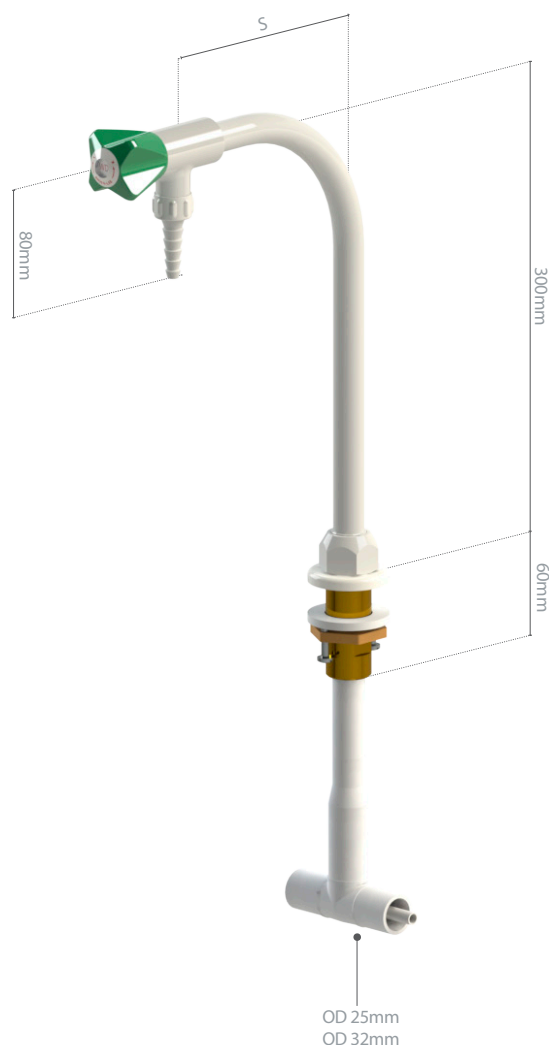
Media	S = 150mm	S = 200mm
 Distilled water	2533 039 1003	2533 041 1003
 Deionized water, cold	2533 039 1036	2533 041 1036

Model: OD 32mm

Media	S = 150mm	S = 200mm
 Distilled water	2533 040 1003	2533 042 1003
 Deionized water, cold	2533 040 1036	2533 042 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

BENCH MOUNTED FITTING ON A COLUMN - FULLY RECIRCULATING



BROEN-LAB fully recirculating fittings ensure constant fresh water with no dead legs even when the point-of-use valve is in closed position.

The Tee-piece of the fitting should be connected to a loop with a constant circulation of water. For more details about installation, jointing methods, etc. please refer to page 22.

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.8 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PP, PP-n, PVDF



Rubber: EPDM

ORDERING INFORMATION



For standard configuration please refer to the item numbers below.

Other options:
- also available in ABS (1, 1 1/4, 1 1/2)

Model: OD 25mm

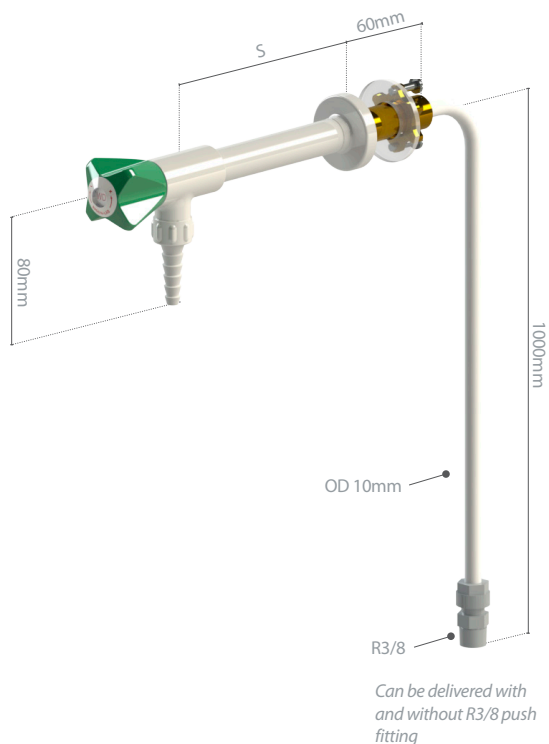
Media	S = 150mm	S = 200mm
 Distilled water	2533 043 1003	2533 031 1003
 Deionized water, cold	2533 043 1036	2533 031 1036

Model: OD 32mm

Media	S = 150mm	S = 200mm
 Distilled water	2533 044 1003	2533 045 1003
 Deionized water, cold	2533 044 1036	2533 045 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

WALL MOUNTED FITTING WITH PLASTIC INNER TUBE



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.7 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- different sizes of push fittings
- different inlet lengths

Model: With R3/8 push fitting

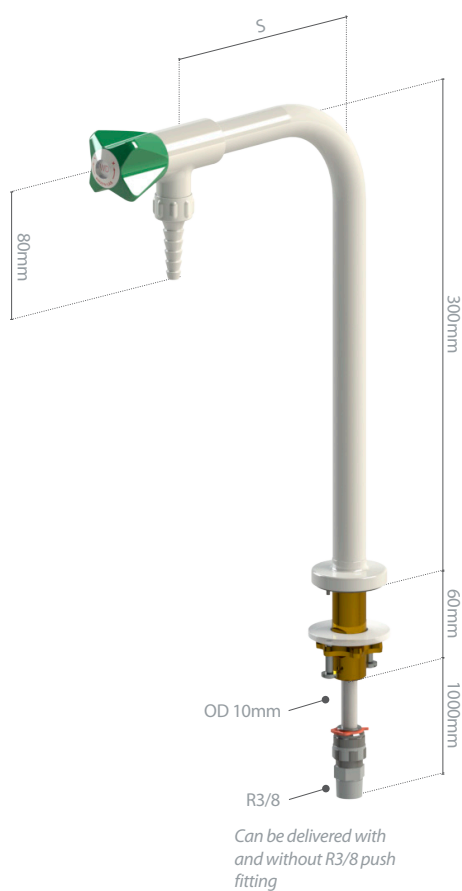
Media		S = 150mm	S = 200mm
 Distilled water		2533 034 1003-09	2533 035 1003-09
 Deionized water, cold		2533 034 1036-09	2533 035 1036-09

Model: Without push fitting

Media		S = 150mm	S = 200mm
 Distilled water		2533 017 1003-09	2533 019 1003-09
 Deionized water, cold		2533 017 1036-09	2533 019 1036-09

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

BENCH MOUNTED FITTING ON A COLUMN WITH PLASTIC INNER TUBE



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.7 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- different sizes of push fittings
- different inlet lengths

Model: With R3/8 push fitting

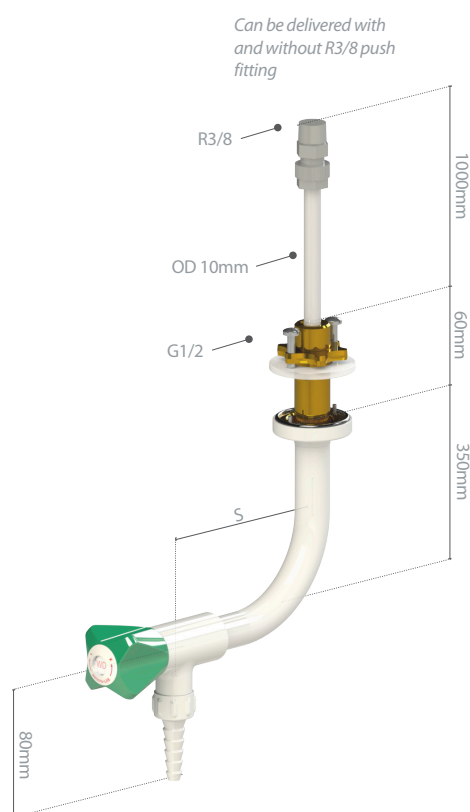
Media		S = 150mm	S = 200mm
 Distilled water		2533 046 1003-09	2533 033 1003-09
 Deionized water, cold		2533 046 1036-09	2533 033 1036-09

Model: Without push fitting

Media		S = 150mm	S = 200mm
 Distilled water		2533 008 1003-09	2533 010 1003-09
 Deionized water, cold		2533 008 1036-09	2533 010 1036-09

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

FITTING WITH PLASTIC INNER TUBE FOR SUSPENDED MOUNTING



SPECIFICATIONS

Handle: Plastic

Media indication: according to EN13792

Hose nozzle: Removable plastic

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.7 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Rubber: EPDM

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different sizes of push fittings
- different inlet lengths
- straight valve

Model: With R3/8 push fitting

Media



Distilled water

2533 254 1003-09



Deionized water, cold

2533 254 1036-09

Model: Without push fitting

Media



Distilled water

2533 255 1003-09

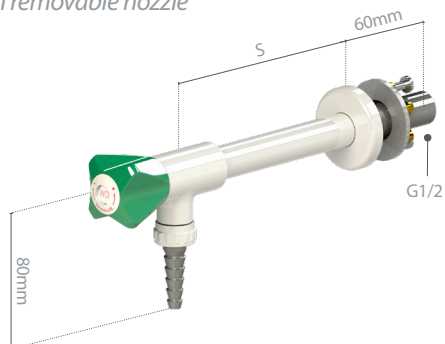


Deionized water, cold

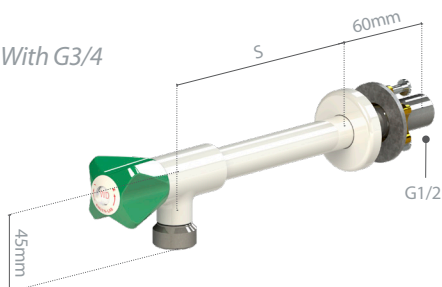
2533 255 1036-09

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

With removable nozzle





With G3/4





Model: With removable nozzle



Media	S = 150mm	S = 200mm
 Distilled water	2533 001 1003	2533 002 1003
 Deionized water, cold	2533 001 1036	2533 002 1036

Model: With G3/4



Media	S = 150mm	S = 200mm
 Distilled water	2533 032 1003	2533 047 1003
 Deionized water, cold	2533 032 1036	2533 047 1036

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable/external G3/4 thread, metal

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.9 kg

MATERIALS WITH MEDIA CONTACT

Metals: Stainless Steel, AISI 316

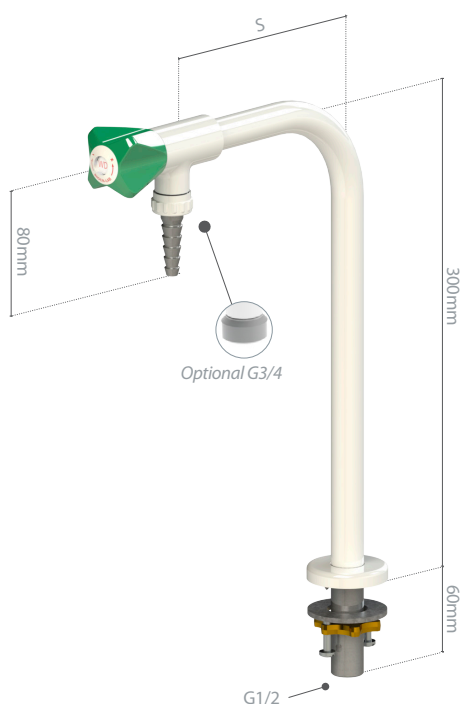
Diaphragm: PTFE

Rubber: EPDM

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

BENCH MOUNTED FITTING ON A COLUMN IN STAINLESS STEEL



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable/external G3/4 thread, metal

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.4 kg

MATERIALS WITH MEDIA CONTACT

Metals: Stainless Steel, AISI 316

Diaphragm: PTFE



Rubber: EPDM

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.


Model: With removable nozzle



Media	S = 150mm	S = 200mm
 Distilled water	2533 003 1003	2533 004 1003
 Deionized water, cold	2533 003 1036	2533 004 1036

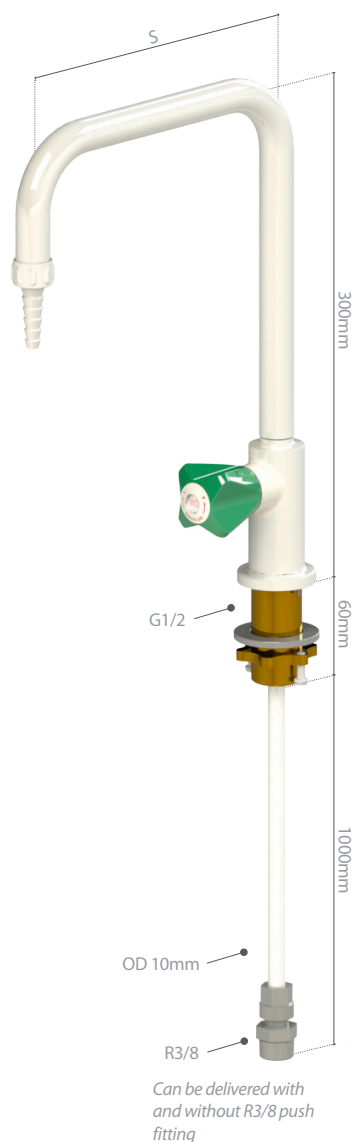
Model: With G3/4



Media	S = 150mm	S = 200mm
 Distilled water	2533 048 1003	2533 049 1003
 Deionized water, cold	2533 048 1036	2533 049 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

BENCH MOUNTED FITTING WITH SWIVEL SPOUT



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Spout: Full swivel action

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.0 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- different sizes of push fittings
- other inlet options

Model: With R3/8 push fitting

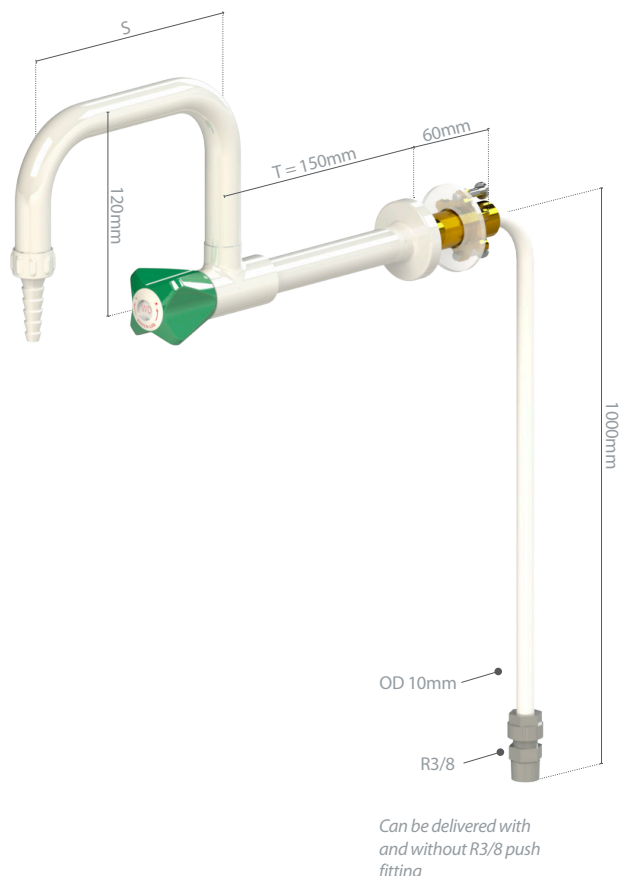
Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water	2534 045 1003-52	2534 041 1003-52	2534 046 1003-52	2534 048 1003-52
 Deionized water, cold	2534 045 1036-52	2534 041 1036-52	2534 046 1036-52	2534 048 1036-52

Model: Without push fitting

Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water	2534 036 1003-52	2534 037 1003-52	2534 047 1003-52	2534 049 1003-52
 Deionized water, cold	2534 036 1036-52	2534 037 1036-52	2534 047 1036-52	2534 049 1036-52

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

WALL MOUNTED FITTING WITH SWIVEL SPOUT



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Spout: Full swivel action

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.2 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- different sizes of push fittings
- different inlet lengths
- S-shaped spout
- T = 50/75/200mm

Model: With R3/8 push fitting

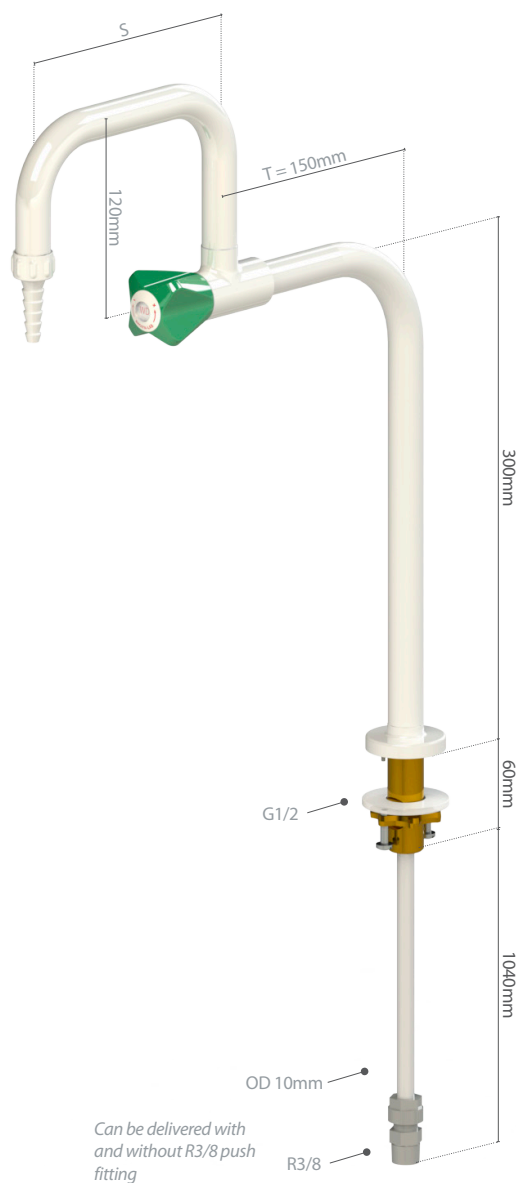
Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water	2533 185 1003-09	2533 186 1003-09	2533 187 1003-09	2533 188 1003-09
 Deionized water, cold	2533 185 1036-09	2533 186 1036-09	2533 187 1036-09	2533 188 1036-09

Model: Without push fitting

Media	S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water	2533 189 1003-09	2533 190 1003-09	2533 191 1003-09	2533 192 1003-09
 Deionized water, cold	2533 189 1036-09	2533 190 1036-09	2533 191 1036-09	2533 192 1036-09

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

BENCH MOUNTED FITTING ON A COLUMN WITH SWIVEL SPOUT



Model: With R3/8 push fitting

SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Spout: Full swivel action

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.4 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF



Rubber: EPDM

ORDERING INFORMATION



For standard configuration please refer to the item numbers below.

Other options:

- different sizes of push fittings
- different inlet lengths
- S-shaped spout
- T = 200mm

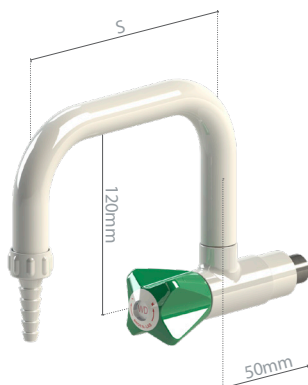
Media		S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water		2533 036 1003-09	2533 064 1003-09	2533 193 1003-09	2533 194 1003-09
 Deionized water, cold		2533 036 1036-09	2533 064 1036-09	2533 193 1036-09	2533 194 1036-09

Model: Without push fitting

Media		S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water		2533 195 1003-09	2533 196 1003-09	2533 197 1003-09	2533 198 1003-09
 Deionized water, cold		2533 195 1036-09	2533 196 1036-09	2533 197 1036-09	2533 198 1036-09

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

WALL MOUNTED FITTING WITH SWIVEL SPOUT



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable plastic

Spout: Full swivel action

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 1.2 kg

MATERIALS WITH MEDIA CONTACT

Diaphragm: PTFE

Plastics: PVDF

Metals: Stainless Steel , AISI 316

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- S-shaped spout
- T = 75/90/110/150/200mm
- Inlet: female G1/2

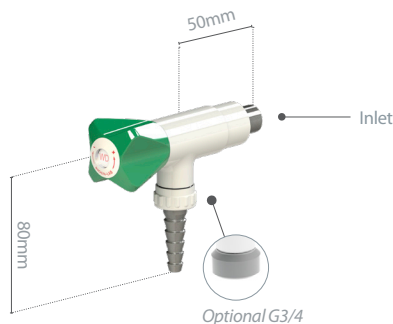
Model: Inlet: male G3/8

Media		S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water		2530 022 1003	2530 023 1003	2530 016 1003	2530 024 1003
 Deionized water, cold		2530 022 1036	2530 023 1036	2530 016 1036	2530 024 1036

Model: Inlet: male G1/2

Media		S = 150mm	S = 200mm	S = 250mm	S = 300mm
 Distilled water		2530 025 1003	2530 026 1003	2530 017 1003	2530 027 1003
 Deionized water, cold		2530 025 1036	2530 026 1036	2530 017 1036	2530 027 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.5 kg

MATERIALS WITH MEDIA CONTACT

Metals: Stainless Steel , AISI 316

Diaphragm: PTFE

Rubber: EPDM



ORDERING INFORMATION

For standard configuration please refer to the item numbers below.



Other options:

- T = 75/90/110mm

Model: Inlet: male G3/8

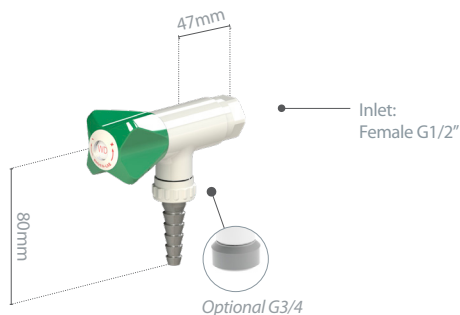
Media	Removable nozzle	G3/4
 Distilled water	2530 029 1003	2530 030 1003
 Deionized water, cold	2530 029 1036	2530 030 1036

Model: Inlet: male G1/2

Media	Removable nozzle	G3/4
 Distilled water	2530 019 1003	2530 028 1003
 Deionized water, cold	2530 019 1036	2530 028 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

WALL MOUNTED FITTING - STAINLESS STEEL



SPECIFICATIONS

Handle: Metal, BROEN-LAB POLYCOAT powder coated with media indication according to EN13792

Hose nozzle: Removable metal

Headwork: Diaphragm type

Opening/closing function: 1 1/2 x 360°

Temperature range: 0-90°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

Weight: 0.5 kg

MATERIALS WITH MEDIA CONTACT

Metals: Stainless Steel , AISI 316

Diaphragm: PTFE

Rubber: EPDM

ORDERING INFORMATION

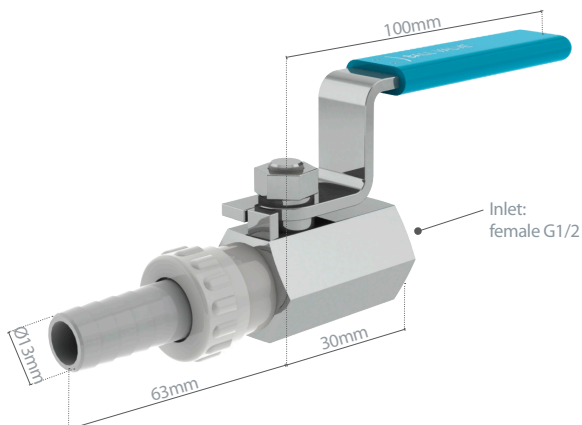
For standard configuration please refer to the item numbers below.

Model: With removable nozzle

Media	Removable nozzle	G3/4
 Distilled water	2530 031 1003	2530 056 1003
 Deionized water, cold	2530 031 1036	2530 056 1036

For further information and mounting instructions please refer to www.BROEN-LAB.com or contact your local BROEN-LAB representative.

FULL FLOW VALVE



MATERIALS WITH MEDIA CONTACT

Body: Stainless Steel, AISI 316

Sealing: PTFE

ORDERING INFORMATION

Full flow valve in stainless steel based on a ball valve.

No. 15382509

SPECIFICATIONS

A full flow valve is an alternative to the models shown in this catalogue. Please contact your BROEN-LAB representative for further information.

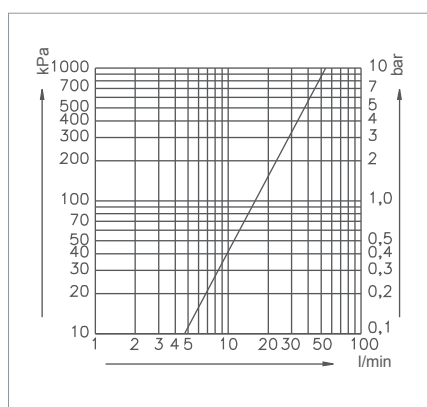
Opening/closing function: 90° turn

Temperature range: Maximum 90°C

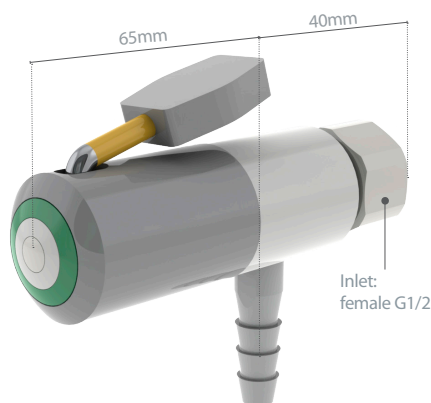
Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

FLOW CHART



SELF-CLOSING VALVE



MATERIALS WITH MEDIA CONTACT

Valve house: Stainless Steel, AISI 316

Sealing: EPDM

Plastics: POM, PA

Lubricant: Silicone based

ORDERING INFORMATION

Valve based on self-closing principle with a stainless steel valve house. Filter on inlet side.

No. 15389009

SPECIFICATIONS

A self-closing valve is an alternative to the models shown in this catalogue. Please contact your BROEN-LAB representative for further information.

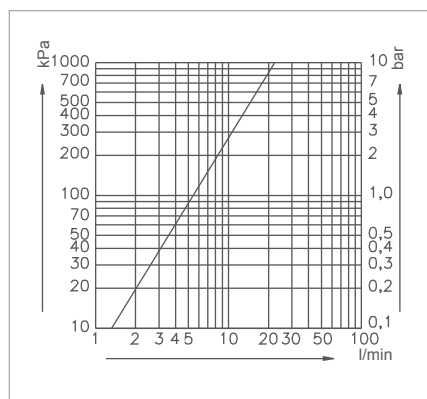
Opening/closing function: Self-closing

Temperature range: 0-65°C

Max. working pressure: 10 bar / 147 psi

Test pressure: 1 x working pressure

FLOW CHART

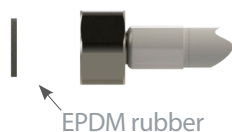


93D - BROEN-LAB UNIFLEX™ SPX HOSES FOR SPECIAL WATER

INLET CONNECTIONS

93 D XX XX XXXX

Female G1/2" union nut connection
(Code 50)



Straight BROEN-LAB UniFlex™ connection
with EPDM O-ring (Code 20)



OUTLET CONNECTIONS

93 D XX XX XXXX

Female G1/2" union nut connection
(Code 50)



Straight BROEN-LAB UniFlex™ connection
with EPDM O-ring (Code 20)



*All O-rings are lubricated with
silicone based lubricant

HOSE

93 D XX XX XXXX

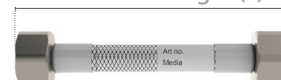
SPX hose with braiding
in Stainless Steel



Marking for special water with
Part no. and Media indication

HOSE LENGTHS

Definition of length (L)



*Standard lengths of hoses (L):

0500 = 500mm

0700 = 700mm

1000 = 1000mm

1200 = 1200mm

1500 = 1500mm

2000 = 2000mm

2500 = 2500mm

3000 = 3000mm

Length tolerance of hoses:
L = ≤400mm (- 0, +10mm)
L = 401mm to 1000mm (- 0, + 20mm)
L = >1000mm (- 0, + 30mm)

SPECIFICATIONS

Inner hose material: SPX (soft PEX)

Braiding: Stainless steel with one
green stripe

Materials with media contact:
SPX, Stainless Steel AISI 316, EPDM

Inside diameter: 8.2mm

Outside diameter: 12mm

Max. working pressure: 10 bar

Max. working temperature: 90°C

Bending radius (inner): ≥ 40mm

Min. length with connections: 160mm

EXAMPLE OF HOSE CONFIGURATION

1200mm hose with 1/2" union inlet
connection and 1/2" union outlet
connection

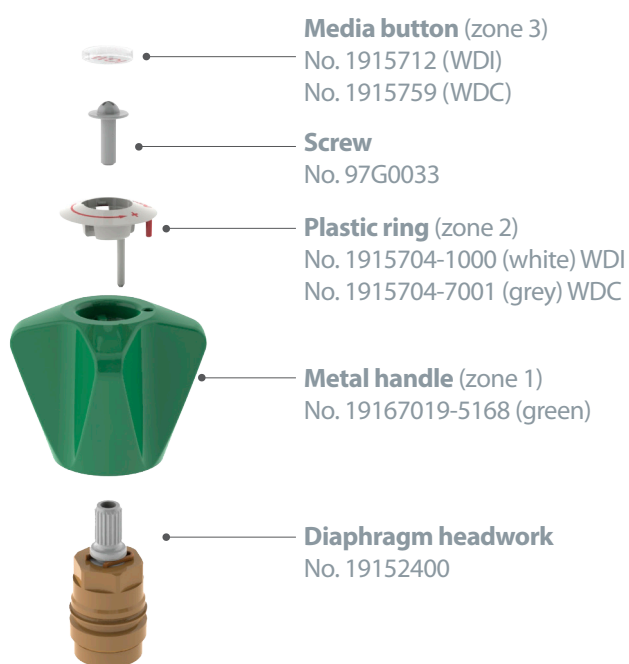


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* Other lengths are available on request

HEADWORK FOR SPECIAL WATER FITTINGS

ORDERING INFORMATION



Complete set with G1/2 diaphragm headwork, metal handle and media indication
No. 19152459

Complete set with metal handle and media indication
No. 191601491003 (WDI)
No. 191601491036 (WDC)

SPECIFICATIONS

Manual valve based on diaphragm headwork.
The diaphragm is the only part of the headwork that has media contact (no lubrication or other materials have media contact).

Opening/closing function: 1 1/2 x 360° turn

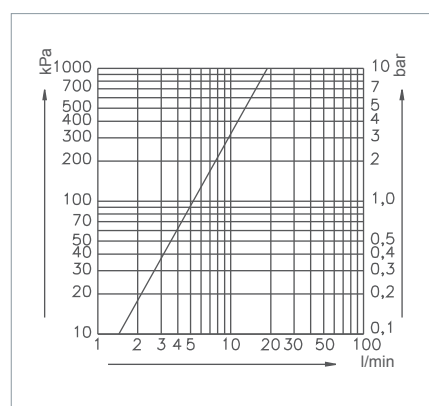
Media: Special water

MATERIALS WITH MEDIA CONTACT



Metals: No metals with media contact

Diaphragm: PTFE

FLOW CHART



ACCESSORIES AND SPARE PARTS

Illustration	Description	BROEN-LAB item No.
	Removable hose nozzles: Stainless Steel (G1/2) Stainless Steel (G3/4) Plastic (PVDF)	2539 020 1003 2539 047 1003 2539 070 1003
	Push fittings (PVDF): - Ø10 x R3/8 - Ø10 x R1/2	15 384 38 15 384 36

The figure consists of two technical drawings of a water sampling device. The left drawing shows the device in its open position, with labels for 'Union nut', 'Upper part', 'Flange', '9 mm', 'Mounting accessories', and 'Lower part'. A curved arrow indicates the transition to the closed position. The right drawing shows the device in its closed position, with labels for '200 mm', '300 mm', '200 mm', 'i.d. = ø 20', 'ø 30', 'o.d. = ø 25', '0,6 m/s', 'Pump', and 'Water purification process'.

Diagram of a 90° Tee. The vertical pipe is labeled "ABS-tube". The horizontal pipe has a diameter of $\varnothing 1"$ or $\varnothing 1\frac{1}{4}"$ or $\varnothing 1\frac{1}{2}"$.

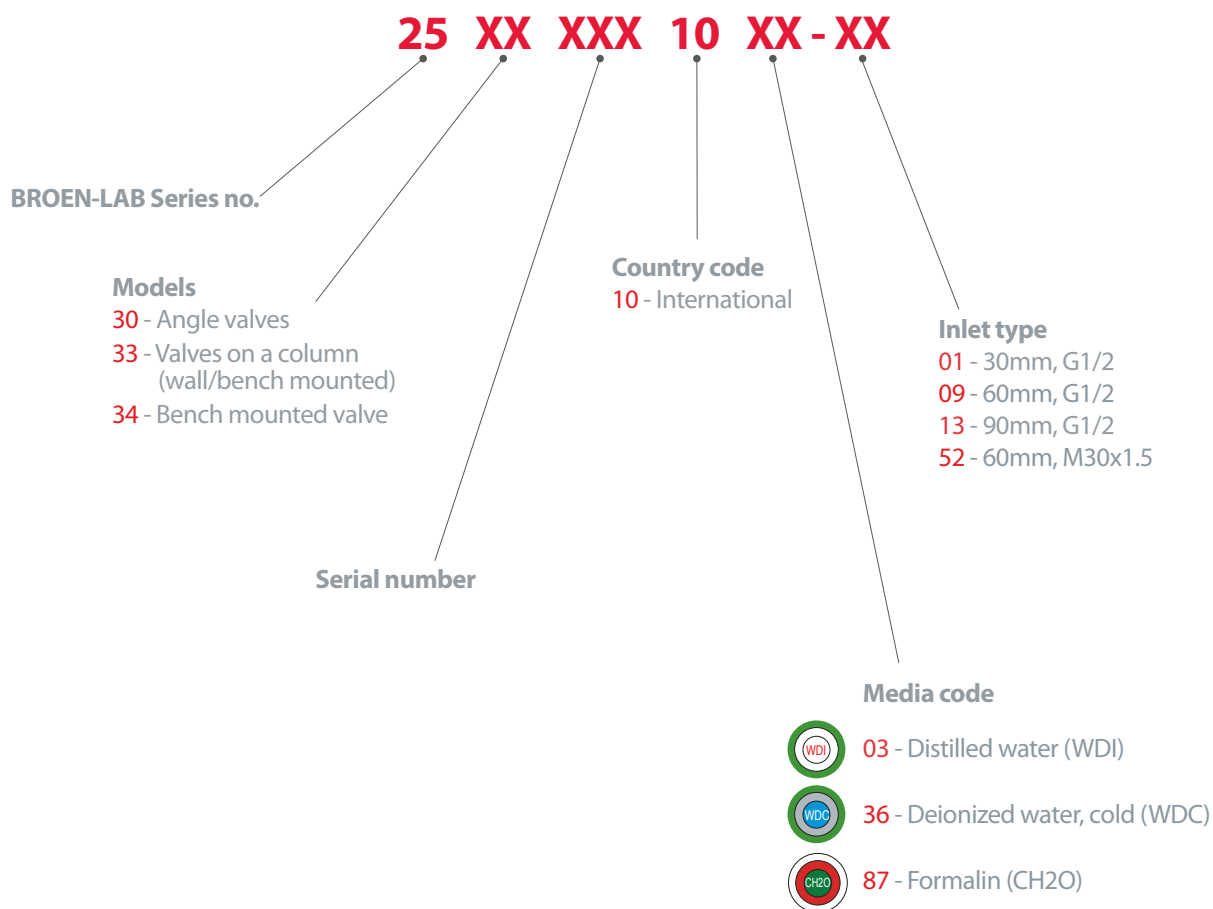
A schematic diagram of a 90-degree elbow joint. It shows a vertical pipe section on the left that turns 90 degrees to become a horizontal pipe section on the right. The joint is depicted with a cross-section showing the internal structure of the elbow, including the bend and the connection to the main pipe. The flow path is indicated by a red line that follows the curve of the elbow.

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ORDERING INFORMATION

BROEN-LAB UNIFLEX™ FITTINGS

Generally, item number for BROEN-LAB UniFlex fittings has the following structure:



BROEN-LAB develops, manufactures and sells Laboratory Fittings, Emergency Shower Systems and Eye Wash Systems into a broad spectrum of laboratories and industrial locations; sectors include Pharmaceutical, Food&Beverage and Academia. Our expertise and product quality ensure optimal solutions compliant to all relevant international norms setting new standards in risk mitigation in modern research and development facilities.

BROEN-LAB offer solutions that ensure the functionality, compliance, hygiene, durability and safety are of the highest priority. For over 50 years our products have been integrated into a wide variety of workplaces, laboratories, hospitals and industrial locations, with features that are assessed and designed to be flexible, durable and compliant offering a broad range of options tailored to each location. This inherent design integrity provides confidence in the solution adopted wherever in the world these are applied.

BROEN-LAB is a collaboration partner in the design and layout of your next laboratory and it's integrated safety solutions.

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BROEN-LAB A/S ISO 9001 certification

In September 1991 BROEN-LAB A/S was certified according to ISO 9001 as one of the first Danish companies. The certification was carried out by Bureau Veritas, Denmark, for our Danish site in Assens. The quality management system of BROEN-LAB A/S now complies with detailed specifications laid down by the internationally acknowledged EN ISO 9001:2015. This certification will further contribute to reputation for quality and reliability of BROEN-LAB A/S.

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