



**BROEN
UNIFLEX™
FITTINGS FOR
NON-BURNING
4.0 GASES /
OXYGEN**








BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

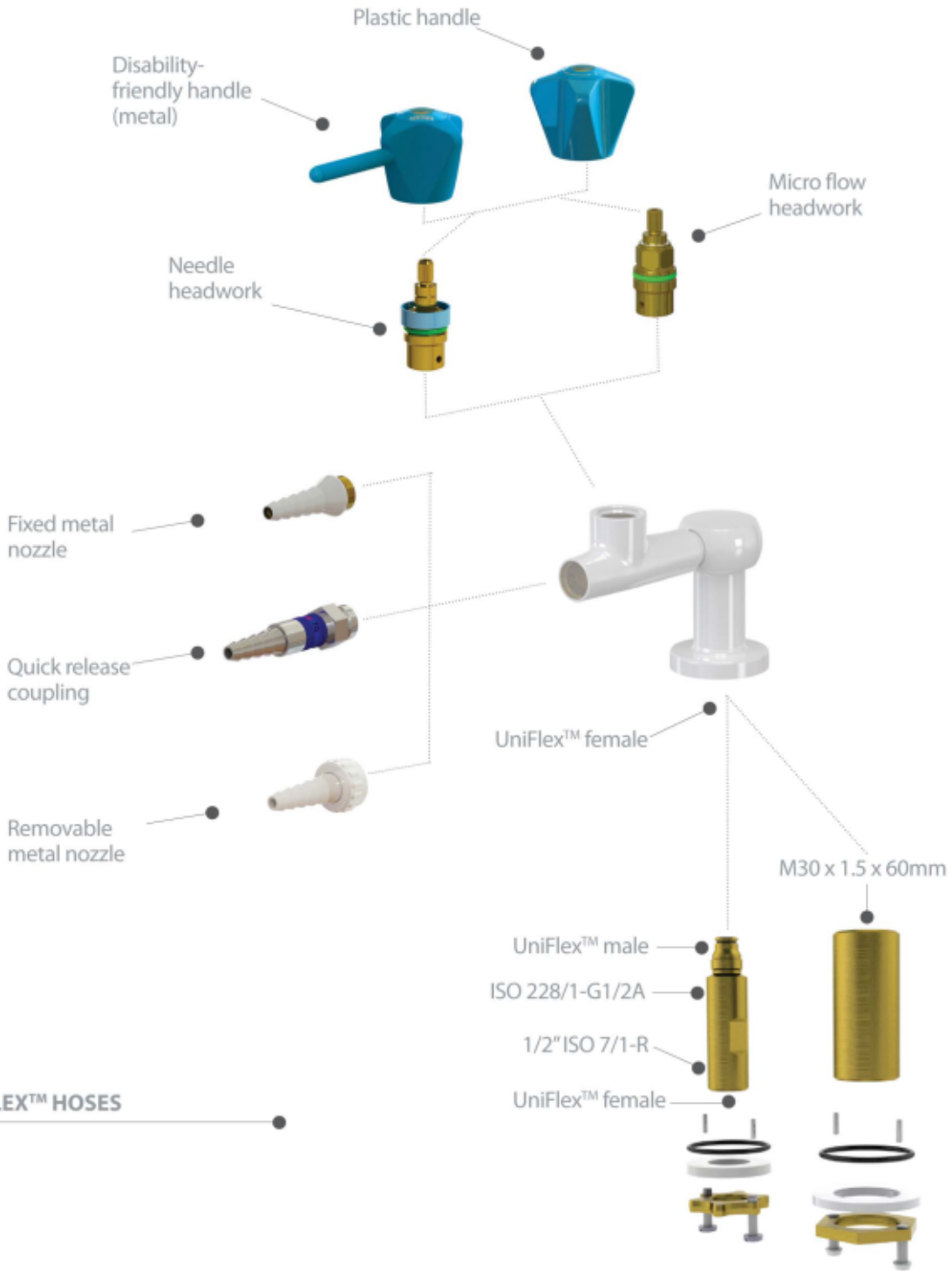
BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN



BROEN

INTELLIGENT FLOW SOLUTIONS

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BROEN UNIFLEX™ HOSES



BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

THIS IS BROEN UNIFLEX™ BASIC

BROEN UniFlex™ BASIC line offers a very high quality and durability combined with the complete program, which adds up to low LCC (Life Cycle Costs).

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN



BROEN UniFlex™ BASIC fittings for non-burning 4.0 gases are designed for laboratory use and are adapted to Oxygen service.

The operation and the configuration of the fittings are highly adapted to the requirements of a modern laboratory. The fittings are surface treated with BROEN POLYCOAT powder coating, which is highly resistant to most chemicals, UV fading and heat (for more information please refer to "BROEN POLYCOAT" brochure).

All BROEN UniFlex™ BASIC fittings are delivered with a plastic handle with media indication according to EN13792. As an option it is possible to get fittings with disability-friendly handle for easier operation.

BROEN UniFlex™ BASIC fittings for non-burning 4.0 gases / Oxygen are delivered with a fixed metal nozzle (can be removed with Allen key if needed) or a quick release coupling (hexagon coded) for easy and immediate connection and safe disconnection.

THIS IS BROEN UNIFLEX™

BROEN UniFlex™ is a unique and patented connection, which allows customers to choose from various connection methods, such as hoses, Cu, PEX or Stainless Steel pipes, without changing the valve itself. It provides unique flexibility, not only for the installer, but also for the end-user. Due to the flexibility of the system, the quick installation and savings on fittings, this system offers lower TIC (Total Installed Costs).

WHAT IS NON-BURNING 4.0 GAS?

Non-burning 4.0 gases are typical industrial and technical gases that are 99,99% clean and should be used in applications where impurities must be avoided.

BROEN UniFlex™ fittings for non-burning 4.0 gases are adapted to Oxygen service, meaning that the presence of mineral based oils and grease is minimized. Materials with media contact are Oxygen approved and ultrasonically cleaned. Assembled fittings are individually packed into sealed plastic bags.

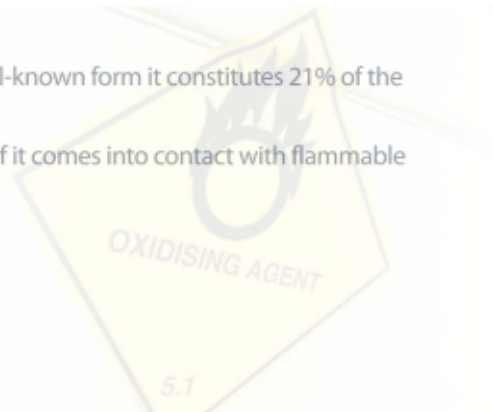
WHAT IS OXYGEN?

Oxygen is the most abundant element on the earth's surface. In its most well-known form it constitutes 21% of the atmosphere, it is a tasteless, odorless and colorless gas essential to life.

Oxygen itself is not the fuel, but the oxidant and can ignite or support a fire if it comes into contact with flammable substances.

Oxygen is used in innumerable application in industries such as:

- chemicals
- pharmaceuticals
- healthcare
- laboratory and analysis
- food and beverage
- oil and gas
- electronics, etc.



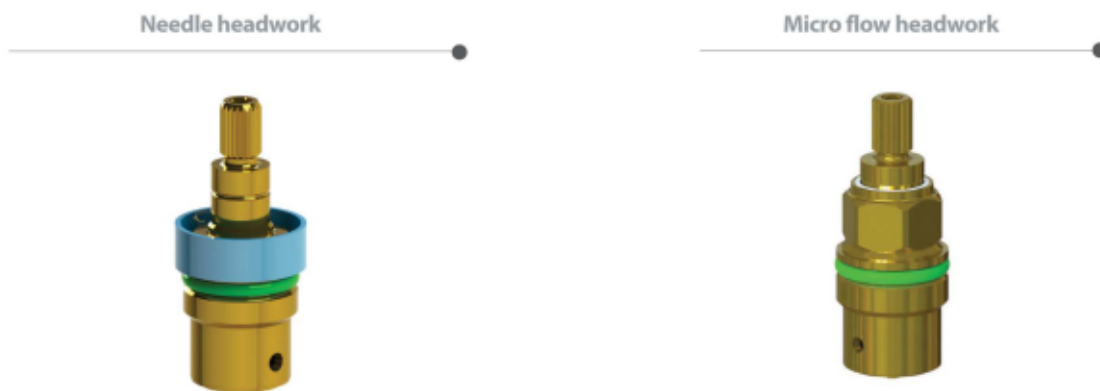
SYSTEM REQUIREMENTS

Due to the physical and chemical properties of Oxygen the following requirements are set up to an Oxygen system:

- valves and fittings that should be applied with Oxygen must be free of mineral based oil and grease
- materials that come into contact with Oxygen (metals, O-rings, gaskets, plastics, lubricants, etc.) must be Oxygen approved
- recommended working pressure for Oxygen must not be exceeded
- valves must be opened slowly in order to avoid possible ignition.

OUR HEADWORKS

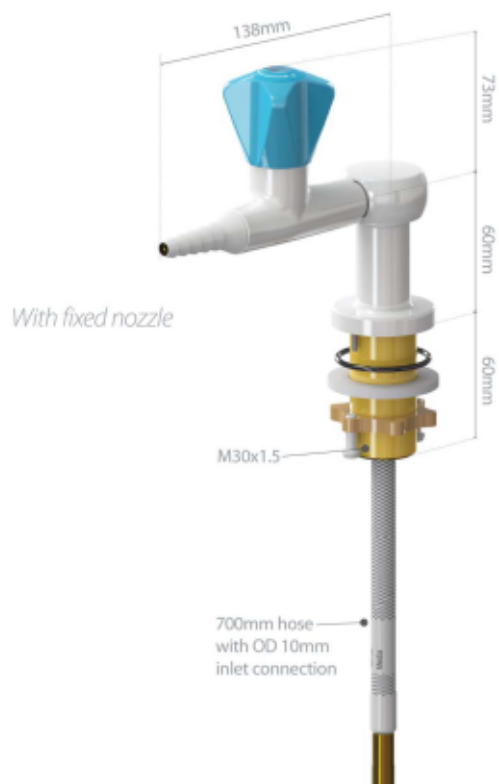
BROEN UniFlex™ PREMIUM fittings for non-burning 4.0 gases can be delivered with 2 different types of headworks depending on the requirements set by applications with regards to regulation of media flow.



As a standard all BROEN UniFlex™ PREMIUM fittings for non-burning 4.0 gases are delivered with a needle headwork that allows fine regulation of media flow and the valve is fully opened after 3 x 360° rotations of a handle.

In cases where media flow is close to zero and when a microscopic flow rate is required then it is an option to choose a micro flow headwork, which provides a very fine regulation of media flow.

For more information about BROEN headworks and technical details please refer to page 20 in this catalogue.



SPECIFICATIONS

Handle: Plastic with media indication according to EN13792

Hose nozzle: Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)

Headwork: Needle

Opening/closing function: 3 x 360°

Max. working pressure:

16 bar / 232 psi

Allowable test pressure after installation:

1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

Materials with media contact are Oxygen approved and ultrasonically cleaned.

Metals: Brass

Plastics: PVDF, PTFE (hose)

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different media
- removable hose nozzle with union nut
- disability-friendly handle (single valve only)
- micro flow headwork
- alternative hose inlet connection / without a hose
- other inlet options (type, length)



Model: with fixed nozzle



Media

1-valve

2-valve 90°

2-valve 180°

4-valve

Compressed air	2532 075 1021-52B	2532 063 1021-52B	2532 076 1021-52B	2532 091 1021-52B
Oxygen	2532 075 1022-52B	2532 063 1022-52B	2532 076 1022-52B	2532 091 1022-52B
Nitrogen	2532 075 1023-52B	2532 063 1023-52B	2532 076 1023-52B	2532 091 1023-52B
Carbon dioxide	2532 075 1024-52B	2532 063 1024-52B	2532 076 1024-52B	2532 091 1024-52B
Argon	2532 075 1025-52B	2532 063 1025-52B	2532 076 1025-52B	2532 091 1025-52B
Helium	2532 075 1026-52B	2532 063 1026-52B	2532 076 1026-52B	2532 091 1026-52B
Dinitrogen monoxide	2532 075 1027-52B	2532 063 1027-52B	2532 076 1027-52B	2532 091 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.

For other options please refer to page 18 or contact your local BROEN LAB representative.

Model: with quick release coupling (hexagon coded)



Media

1-valve

2-valve 90°

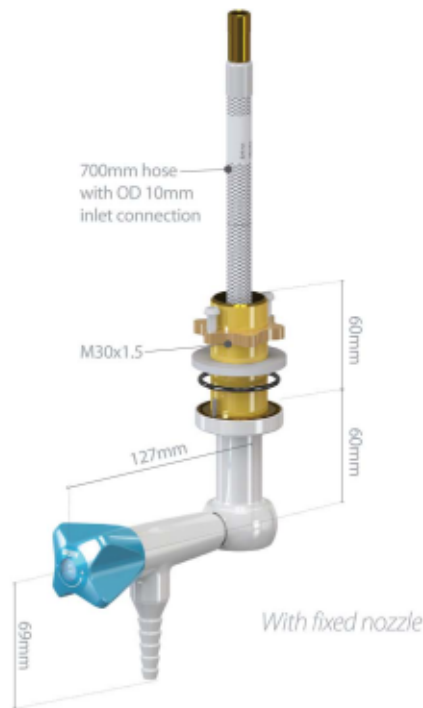
2-valve 180°

4-valve

Compressed air	2532 127 1021-52B	2532 128 1021-52B	2532 129 1021-52B	2532 130 1021-52B
Oxygen	2532 127 1022-52B	2532 128 1022-52B	2532 129 1022-52B	2532 130 1022-52B
Nitrogen	2532 127 1023-52B	2532 128 1023-52B	2532 129 1023-52B	2532 130 1023-52B
Carbon dioxide	2532 127 1024-52B	2532 128 1024-52B	2532 129 1024-52B	2532 130 1024-52B
Argon	2532 127 1025-52B	2532 128 1025-52B	2532 129 1025-52B	2532 130 1025-52B
Helium	2532 127 1026-52B	2532 128 1026-52B	2532 129 1026-52B	2532 130 1026-52B
Dinitrogen monoxide	2532 127 1027-52B	2532 128 1027-52B	2532 129 1027-52B	2532 130 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.

For other options please refer to page 18 or contact your local BROEN LAB representative.



SPECIFICATIONS

Handle: Plastic with media indication according to EN13792

Hose nozzle: Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)

Headwork: Needle

Opening/closing function: 3 x 360°

Max. working pressure:

16 bar / 232 psi

Allowable test pressure after installation:

1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

Materials with media contact are Oxygen approved and ultrasonically cleaned.

Metals: Brass

Plastics: PVDF, PTFE (hose)

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different media
- removable hose nozzle with union nut
- micro flow headwork
- alternative hose inlet connection / without a hose
- other inlet options (type, length)



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

SUSPENDED FITTINGS WITH 90° VALVES



Model: with fixed nozzle



Media	1-valve	2-valve 90°	2-valve 180°	4-valve
Compressed air	2530 072 1021-52B	2530 131 1021-52B	2530 073 1021-52B	2530 253 1021-52B
Oxygen	2530 072 1022-52B	2530 131 1022-52B	2530 073 1022-52B	2530 253 1022-52B
Nitrogen	2530 072 1023-52B	2530 131 1023-52B	2530 073 1023-52B	2530 253 1023-52B
Carbon dioxide	2530 072 1024-52B	2530 131 1024-52B	2530 073 1024-52B	2530 253 1024-52B
Argon	2530 072 1025-52B	2530 131 1025-52B	2530 073 1025-52B	2530 253 1025-52B
Helium	2530 072 1026-52B	2530 131 1026-52B	2530 073 1026-52B	2530 253 1026-52B
Dinitrogen monoxide	2530 072 1027-52B	2530 131 1027-52B	2530 073 1027-52B	2530 253 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.
For other options please refer to page 18 or contact your local BROEN LAB representative.

Model: with quick release coupling (hexagon coded)

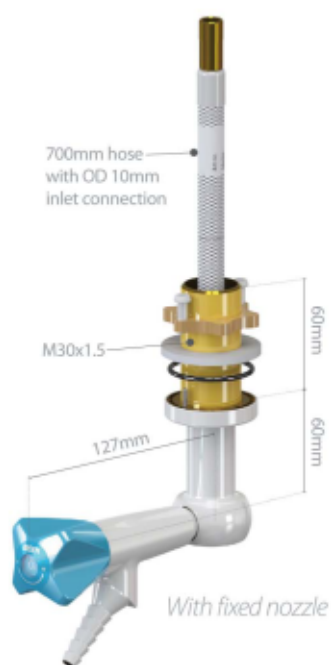


Media	1-valve	2-valve 90°	2-valve 180°	4-valve
Compressed air	2530 238 1021-52B	2530 239 1021-52B	2530 240 1021-52B	2530 241 1021-52B
Oxygen	2530 238 1022-52B	2530 239 1022-52B	2530 240 1022-52B	2530 241 1022-52B
Nitrogen	2530 238 1023-52B	2530 239 1023-52B	2530 240 1023-52B	2530 241 1023-52B
Carbon dioxide	2530 238 1024-52B	2530 239 1024-52B	2530 240 1024-52B	2530 241 1024-52B
Argon	2530 238 1025-52B	2530 239 1025-52B	2530 240 1025-52B	2530 241 1025-52B
Helium	2530 238 1026-52B	2530 239 1026-52B	2530 240 1026-52B	2530 241 1026-52B
Dinitrogen monoxide	2530 238 1027-52B	2530 239 1027-52B	2530 240 1027-52B	2530 241 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.
For other options please refer to page 18 or contact your local BROEN LAB representative.

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

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



With quick release coupling



SPECIFICATIONS

Handle: Plastic with media indication according to EN13792

Hose nozzle: Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)

Headwork: Needle

Opening/closing function: 3 x 360°

Max. working pressure:

16 bar / 232 psi

Allowable test pressure after installation:

1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

Materials with media contact are Oxygen approved and ultrasonically cleaned.

Metals: Brass

Plastics: PVDF, PTFE (hose)

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different media
- removable hose nozzle with union nut
- micro flow headwork
- alternative hose inlet connection / without a hose
- other inlet options (type, length)



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

SUSPENDED FITTINGS WITH 45° VALVES



Model: with fixed nozzle



Media	1-valve	2-valve 90°	2-valve 180°	4-valve
Compressed air	2530 242 1021-52B	2530 254 1021-52B	2530 243 1021-52B	2530 244 1021-52B
Oxygen	2530 242 1022-52B	2530 254 1022-52B	2530 243 1022-52B	2530 244 1022-52B
Nitrogen	2530 242 1023-52B	2530 254 1023-52B	2530 243 1023-52B	2530 244 1023-52B
Carbon dioxide	2530 242 1024-52B	2530 254 1024-52B	2530 243 1024-52B	2530 244 1024-52B
Argon	2530 242 1025-52B	2530 254 1025-52B	2530 243 1025-52B	2530 244 1025-52B
Helium	2530 242 1026-52B	2530 254 1026-52B	2530 243 1026-52B	2530 244 1026-52B
Dinitrogen monoxide	2530 242 1027-52B	2530 254 1027-52B	2530 243 1027-52B	2530 244 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.
For other options please refer to page 18 or contact your local BROEN LAB representative.

Model: with quick release coupling



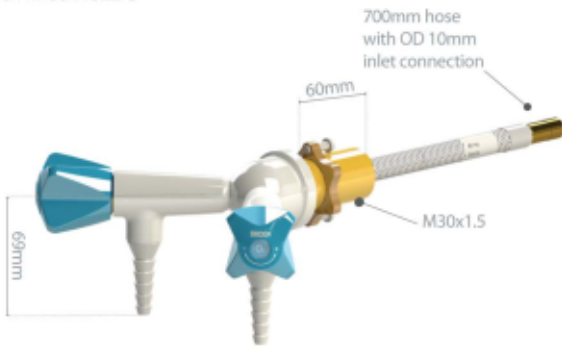
Media	1-valve	2-valve 90°	2-valve 180°	4-valve
Compressed air	2530 245 1021-52B	2530 246 1021-52B	2530 247 1021-52B	2530 248 1021-52B
Oxygen	2530 245 1022-52B	2530 246 1022-52B	2530 247 1022-52B	2530 248 1022-52B
Nitrogen	2530 245 1023-52B	2530 246 1023-52B	2530 247 1023-52B	2530 248 1023-52B
Carbon dioxide	2530 245 1024-52B	2530 246 1024-52B	2530 247 1024-52B	2530 248 1024-52B
Argon	2530 245 1025-52B	2530 246 1025-52B	2530 247 1025-52B	2530 248 1025-52B
Helium	2530 245 1026-52B	2530 246 1026-52B	2530 247 1026-52B	2530 248 1026-52B
Dinitrogen monoxide	2530 245 1027-52B	2530 246 1027-52B	2530 247 1027-52B	2530 248 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.
For other options please refer to page 18 or contact your local BROEN LAB representative.

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

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

With fixed nozzle



SPECIFICATIONS

- Handle:** Plastic with media indication according to EN13792
- Hose nozzle:** Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)
- Headwork:** Needle
- Opening/closing function:** 3 x 360°
- Max. working pressure:** 16 bar / 232 psi
- Allowable test pressure after installation:** 1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

- Materials with media contact are Oxygen approved and ultrasonically cleaned.
- Metals:** Brass
- Plastics:** PVDF, PTFE (hose)
- Sealing:** FKM
- Lubricant:** Perfluoropolyether based

ORDERING INFORMATION

- For standard configuration please refer to the item numbers below.
- Other options:
- different media
 - removable hose nozzle with union nut
 - disability-friendly handle
 - micro flow headwork
 - alternative hose inlet connection / without a hose
 - other inlet options (type, length)

With quick release coupling



BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

Models

Media	with fixed nozzle	with quick release coupling (hexagon coded)
Compressed air	2530 249 1021-52B	2530 250 1021-52B
Oxygen	2530 249 1022-52B	2530 250 1022-52B
Nitrogen	2530 249 1023-52B	2530 250 1023-52B
Carbon dioxide	2530 249 1024-52B	2530 250 1024-52B
Argon	2530 249 1025-52B	2530 250 1025-52B
Helium	2530 249 1026-52B	2530 250 1026-52B
Dinitrogen monoxide	2530 249 1027-52B	2530 250 1027-52B

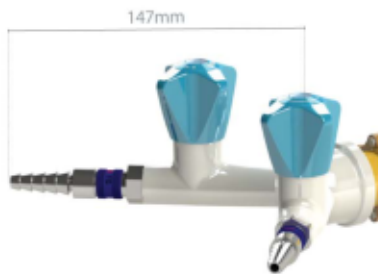
Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connector.
For other options please refer to page 18 or contact your local BROEN LAB representative.

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

With fixed nozzle



With quick release coupling



SPECIFICATIONS

Handle: Plastic with media indication according to EN13792

Hose nozzle: Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)

Headwork: Needle

Opening/closing function: 3 x 360°

Max. working pressure:
16 bar / 232 psi

Allowable test pressure after installation:
1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

Materials with media contact are Oxygen approved and ultrasonically cleaned.

Metals: Brass

Plastics: PVDF, PTFE (hose)

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different media
- removable hose nozzle with union nut
- micro flow headwork
- alternative hose inlet connection / without a hose
- other inlet options (type, length)

Models



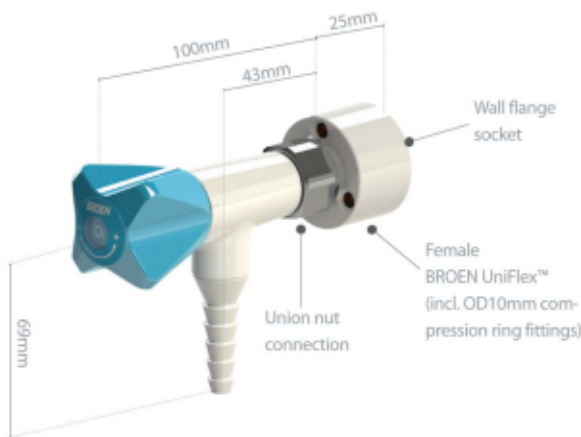
Media	with fixed nozzle	with quick release coupling
Compressed air	2532 064 1021-52B	2532 132 1021-52B
Oxygen	2532 064 1022-52B	2532 132 1021-52B
Nitrogen	2532 064 1023-52B	2532 132 1023-52B
Carbon dioxide	2532 064 1024-52B	2532 132 1024-52B
Argon	2532 064 1025-52B	2532 132 1025-52B
Helium	2532 064 1026-52B	2532 132 1026-52B
Dinitrogen monoxide	2532 064 1027-52B	2532 132 1027-52B

Fittings are delivered with a 700mm PTFE hose with OD10mm inlet connection.
For other options please refer to page 18 or contact your local BROEN LAB representative.

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

WALL MOUNTED FITTINGS WITH 90° VALVES FOR EXPOSED PIPING

With fixed nozzle



With quick release coupling



BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

SPECIFICATIONS

Handle: Plastic with media indication according to EN13792

Hose nozzle: Metal, fixed (can be unscrewed with Allen key, thread: male G3/8)

Headwork: Needle

Opening/closing function: 3 x 360°

Max. working pressure:

16 bar / 232 psi

Allowable test pressure after installation:

1.5 x max working pressure without function of the valve

MATERIALS WITH MEDIA CONTACT

Materials with media contact are Oxygen approved and ultrasonically cleaned.

Metals: Brass

Plastics: PVDF, PTFE (hose)

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

For standard configuration please refer to the item numbers below.

Other options:

- different media
- removable hose nozzle with union nut
- disability-friendly handle
- micro flow headwork
- alternative hose inlet connection / without a hose
- other inlet options (type, length)
- model with straight valve

Models



with fixed nozzle



with quick release coupling (hexagon coded)

Media	with fixed nozzle	with quick release coupling (hexagon coded)
Compressed air	2530 251 1021-T	2530 252 1021-T
Oxygen	2530 251 1022-T	2530 252 1022-T
Nitrogen	2530 251 1023-T	2530 252 1023-T
Carbon dioxide	2530 251 1024-T	2530 252 1024-T
Argon	2530 251 1025-T	2530 252 1025-T
Helium	2530 251 1026-T	2530 252 1026-T
Dinitrogen monoxide	2530 251 1027-T	2530 252 1027-T

Delivered with wall flange socket and compression ring fitting for OD10mm Cu-pipe.

For other options please refer to page 15 or contact BROEN LAB representative.

BROEN UNIFLEX™ HOSES FOR NON-BURNING 4.0 GASES AND OXYGEN

BROEN UniFlex™ hoses for non-burning 4.0 gases and Oxygen are manufactured of PTFE* and from the outside are secured by a Stainless Steel braiding that ensures long service life and durability. Materials with media contact are Oxygen approved and the presence of mineral based oils and grease is minimized. In addition to that hoses are packed individually in sealed bags in order to avoid possible contamination during transportation and installation.

INLET CONNECTIONS

93 R XX XX XXXX

G1/2" union connection (Code 40)



OD10mm connection for compression fittings (Code 10)



OD12mm connection for compression fittings (Code 12)



OD15mm connection for compression fittings (Code 15)



Straight BROEN UniFlex™ connection with FKM o-ring (Code 20)



45° BROEN UniFlex™ connection with FKM o-ring (Code 25)



90° BROEN UniFlex™ connection with FKM o-ring (Code 30)



OUTLET CONNECTIONS

93 R XX XX XXXX

Straight BROEN UniFlex connection with FKM o-ring (Code 20)



45° BROEN UniFlex connection with FKM o-ring (Code 25)



90° BROEN UniFlex connection with FKM o-ring (Code 30)



*All O-rings are lubricated with perfluoropolyether based lubricant

HOSE

93 R XX XX XXXX

PTFE hose with braiding in stainless steel



Marking for clean gases with Part no. and Media indication

HOSE LENGTHS

Definition of length (L)



Definition of length (L)



If an 45° and 90°elbow occur on the same hose, it will as default be mounted in U-form

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)

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

SPECIFICATIONS

Inner hose material: PTFE*

Braiding: Stainless steel

Hose materials with media contact: PTFE, brass, FKM* and perfluoropolyether based lubricant (Oxygen approved)

Inside diameter: 6.3mm

Outside diameter: 9.5mm

Max. working pressure: 21bar

Max. working temperature: 50°C

Bending radius (inner): ≥ 60mm

Min. length with connections: 160mm

EXAMPLE OF HOSE CONFIGURATION

1200mm hose with OD 12mm inlet connection and straight UniFlex™ outlet connection



93R12201200

* PTFE and FKM are penetrable materials meaning that gases, vapors, and liquids may diffuse through them. Check compatibility with gases in application!

** Other lengths are available on request

HEADWORKS

NEEDLE HEADWORK

SPECIFICATIONS

BROEN UniFlex™ fittings for non-burning 4.0 gases / Oxygen are as a standard delivered with needle headwork for fine regulation of media flow.

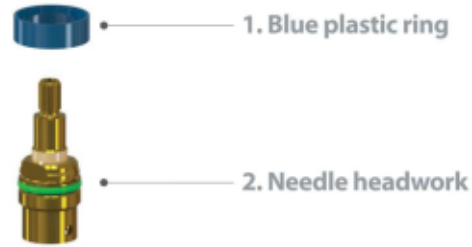
Opening/closing function: 3 x 360° turn

Media: Non-burning 4.0 (99.99% clean) gases / Oxygen

Max. working pressure: 16 bar / 232 psi

Allowable test pressure after installation:

1.5 x max. working pressure without function of the valve



MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: PVDF

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

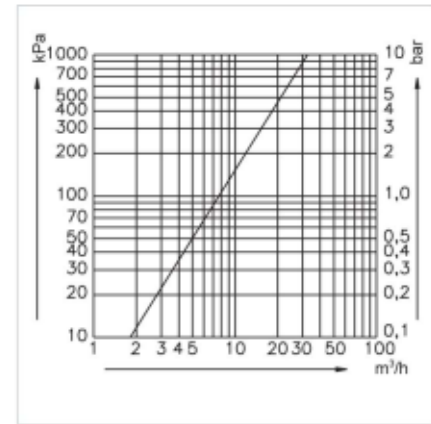
1. Blue plastic ring

No. 0255035-6308

2. Needle headwork

Not available as a spare part (for safety reasons)

FLOW CHART



BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

MICRO FLOW HEADWORK

SPECIFICATIONS

BROEN Micro flow headwork ensures very fine regulation of media where flow of gas is close to zero and microscopic flow rates are required.

Opening/closing function: 7.5 x 360° turn

Media: Non-burning 4.0 (99.99% clean) gases / Oxygen

Max. working pressure: 16 bar / 232 psi

Test pressure: 1.5 x working pressure



MATERIALS WITH MEDIA CONTACT

Metals: Brass

Plastics: PVDF

Sealing: FKM

Lubricant: Perfluoropolyether based

ORDERING INFORMATION

Not available as a spare part (for safety reasons).

FLOW CHART

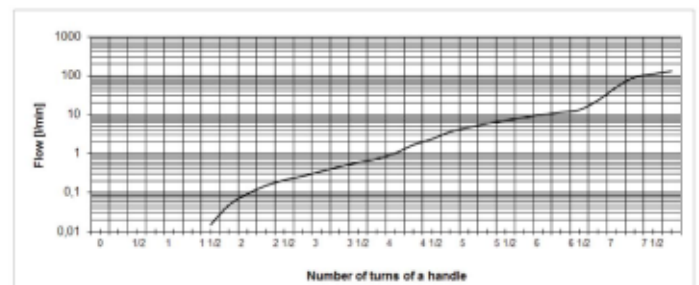
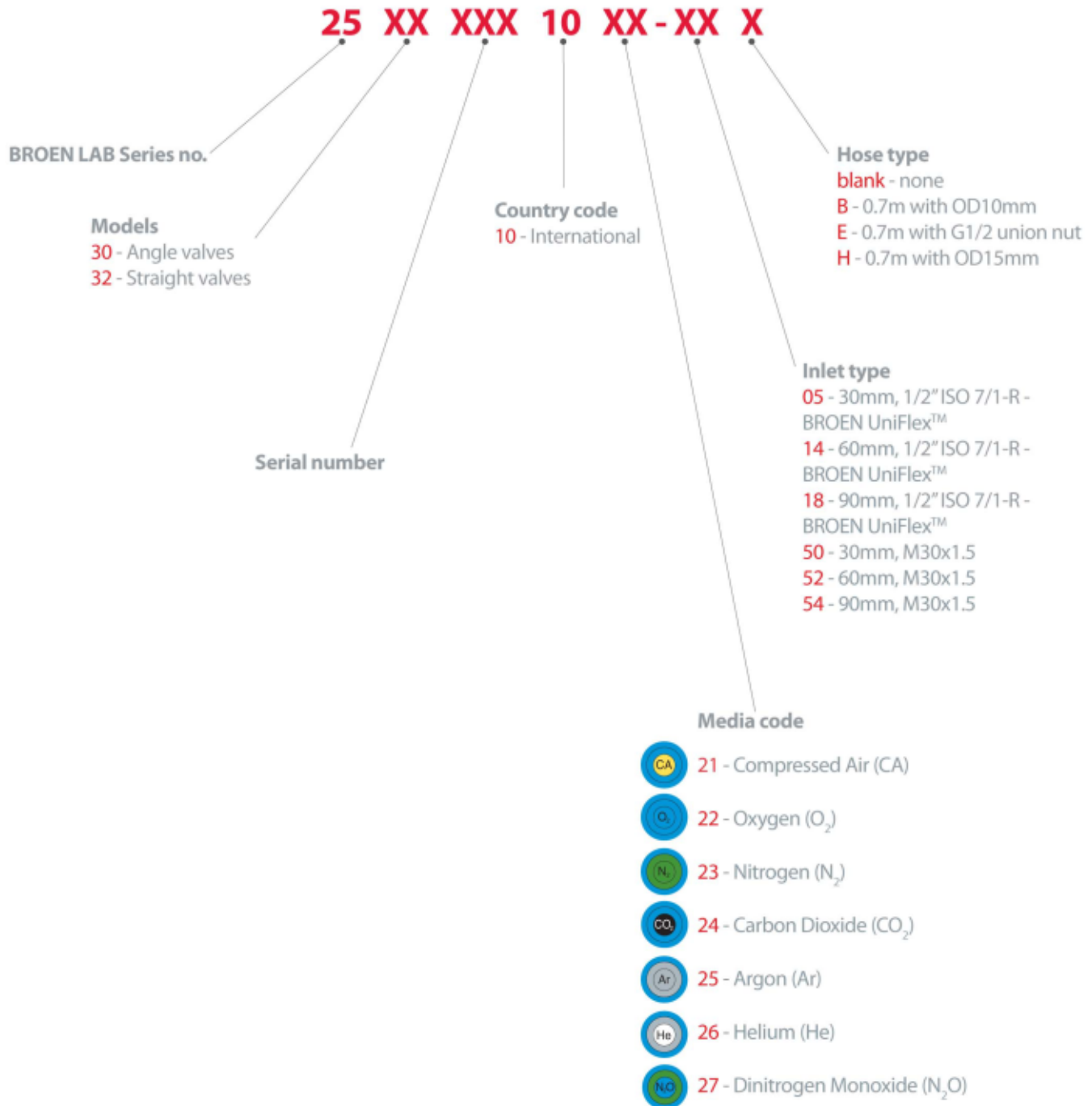


Illustration	Description	BROEN item No.
	Adaptor for removable metal nozzle	2539 043 1022
	Removable metal nozzle	2539 008 1022
	Fixed metal nozzle	2539 042 1022
	Quick release coupling (hexagon coded)	19 633 00
	Mounting set for G1/2 connection Mounting set for M30x1.5 connection	19 141 000 19 190 000
	Inlet with 1/2" ISO 7/1-R thread and female BROEN UniFlex™ connection (incl. O-ring) L=30mm L=60mm L=90mm	15 504 33R 15 504 12R 15 504 46R
	Threaded inlet pipe M30x1,5 L=30mm L=60mm L=90mm	19 190 03 19 190 02 19 190 04
	Wall flange socket (for exposed piping)	02 101 300G
	Wall flange socket (for built-in installation)	02 101 310
	Cover flange for 02 101 310	1492304G
	Metal handle with media indication according to EN 13792	191601491021 (CA) 191601491022 (O ₂) 191601491023 (N ₂) 191601491024 (CO ₂) 191601491025 (Ar) 191601491026 (He) 191601491027 (N ₂ O)

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

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN



For installation with Cu- and Stainless Steel BROEN LAB offers a wide range of connection fittings and adapters for pipes of different dimensions. Please request document No. 99G0004 for a complete range of BROEN UniFlex™ compression ring fittings.

For further information about other BROEN products please refer to following brochures:



Can be downloaded at WWW.BROEN.COM

BROEN UNIFLEX™ FITTINGS FOR NON-BURNING 4.0 GASES / OXYGEN

BROEN LAB develops, manufactures and delivers complete range of fittings for professional laboratories. Our know-how and our quality products ensure the precise flow of water, gases and air, from source to user.

BROEN LAB solutions are used by professional users in many kinds of laboratories, from the education and health sectors to industry in general. Our products are already an integrated part of many workplaces. From fittings for purified water, nitrogen, vacuum and compressed air, to the control and regulation of pure gases in critical applications such as a gas chromatography and spectrometry.

Our extensive knowledge allows us to continually develop and optimize our products so that they meet customer needs and specifications. Safety, functionality and quality are an integral part of product design and flexibility. Our insight and understanding of working environments and safety in laboratories allow us to develop custom solutions for projects around the world. Use us to plan your project so we can advise you on laboratory layout and design.

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