



Pneumatic Products

Synonymous with quality, high performance and safety





Industry Standouts for Over 50 Years

The benefits of an innovative, pneumatic coupling design were solid enough to single-handedly launch CEJN in 1955.

This reliable, easy-to-handle coupling replaced cumbersome and undependable compressed air couplings of the era and has remained a staple for customers around the world.

That original quick connect coupling keeps good company at CEJN. CEJN's strategy to provide what customers value most has enabled the company to offer numerous series of couplings that fill specific needs, as well as hose, hose kits, hose and cable reels, blowguns, air treatment products, and accessories.

Supported by global, ISO 9001-certified assembly and testing operations, CEJN products are manufactured to meet stringent functionality and quality requirements and are rigorously tested to ensure they can perform the tasks set before them.

No products are better suited to compressed air applications than CEJN pneumatic products. Each product benefits from a well-planned, well-made approach that makes it an industry standout.



CEJN Pneumatics Products

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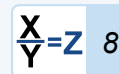
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Cost-Saving Benefits



Delivering Cost-Saving Benefits through Well-Planned Features

One of the major costs in manufacturing environments is compressed air. Optimization of compressed air systems can have a major impact on controlling costs for this on-site generated energy source.

The most common causes of energy loss in compressed air systems are leaks and pressure drop.

Leaks can be a leading source of wasted energy in compressed air systems. They can cause a drop in system pressure and shorten the life of nearly all system components.

Pressure drop leads to insufficient power for tools. Efficiency losses on tools lead to longer work cycles and higher production costs result.

CEJN pneumatic couplings are specially designed to address the primary causes of energy loss in compressed air systems through well-planned features. In turn, CEJN couplings result in significant reduction in energy consumption.

In addition to energy costs, CEJN couplings also address such problems as safety concerns, shortened component life, and high maintenance costs.

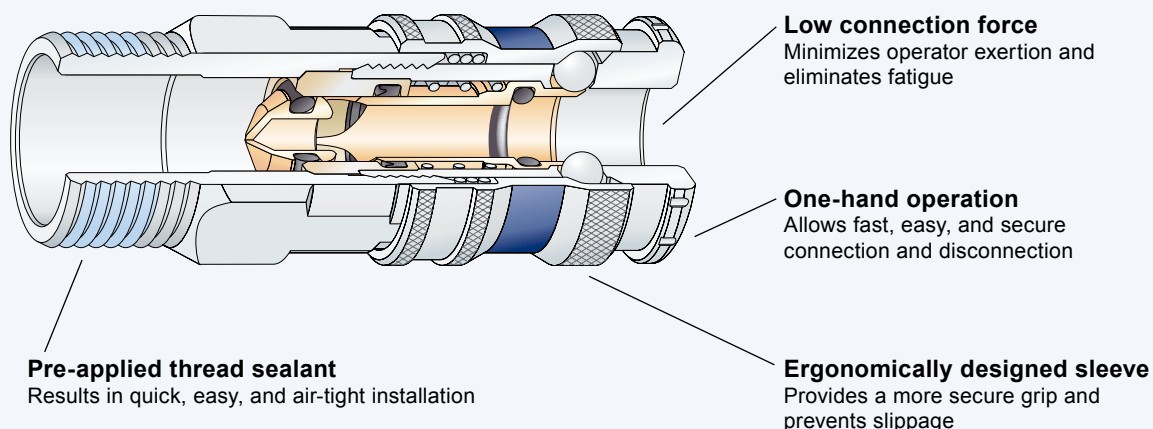
Air Leakage

Hole diameter – Volume of leaking air at 8 bar

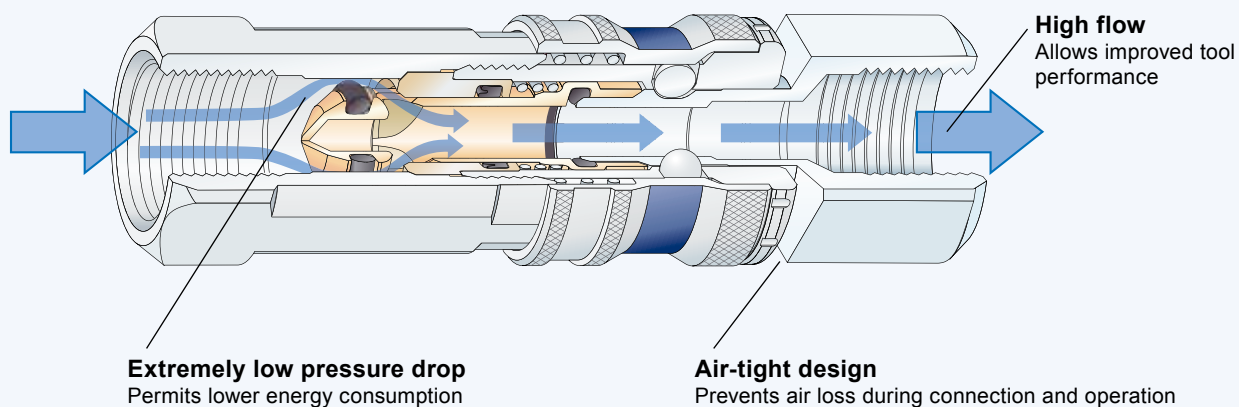
- 1 mm 75 l/min
- 3 mm 600 l/min
- 5 mm 1,700 l/min



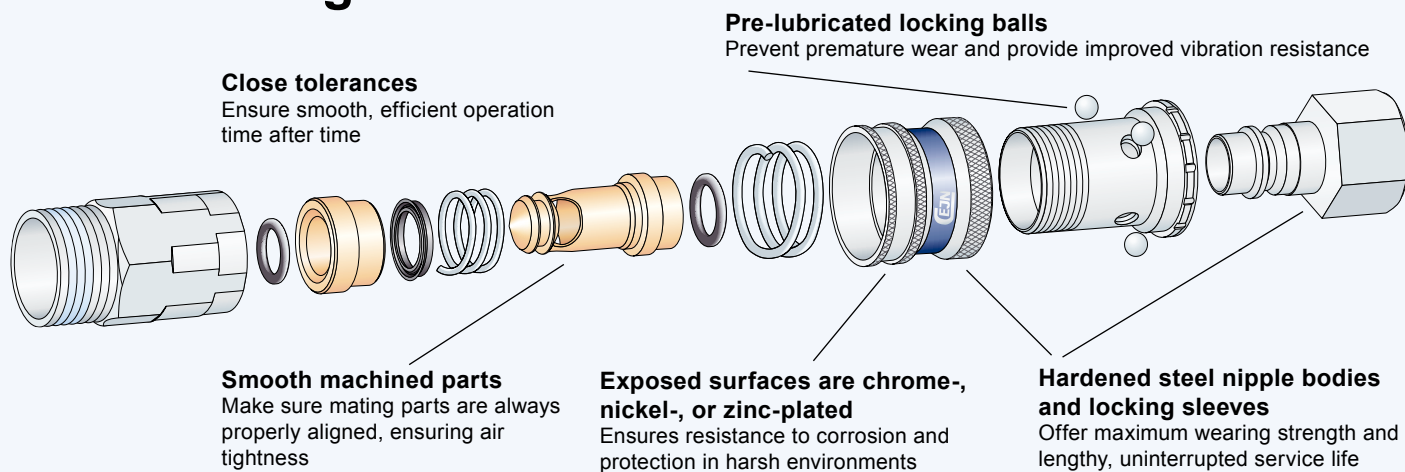
Easy To Handle



High Efficiency



Long Life



Safety Products



Pneumatic Products that Promote a Safe Workplace

A first and foremost concern must be safety in our workplace. Establishing a safe place to work is particularly important in environments in which compressed air systems are used. Because these systems are extremely forceful, implementing safety awareness programs and taking all necessary measures to prevent accidents are critical.

Compressed air has the potential to cause serious injuries. These injuries are primarily due to the force of the air itself and resulting flying debris and materials.

Taking care with compressed air is so important, in fact, that such agencies as the International Organization For Standardization (ISO), Comité Européen de Normalisation (CEN), U.S. Department of Labor Occupational Safety & Health Administration (OSHA), Schweizerische Unfall Versicherungs Anstalt (SUVA), and Berufsgenossenschaftliches Institut für Arbeitsschutz (BIA), have established numerous directives and standards involving compressed air use and equipment and components.





CEJN believes so strongly in workplace safety that its pneumatics line includes several products that are specially designed to protect individuals from harm by guarding against workplace injuries.

Industry standards are utilized as the fundamental framework for the development of CEJN pneumatic products with safety-related designs.

Each safety-related product is manufactured with the intent to comply with applicable federal regulations regarding safety requirements in order to achieve CEJN's strategic objective: providing pneumatic products that promote a safe workplace.

CEJN Safety-related Designs

CEJN offers numerous products that promote the use of compressed air in a safe manner, including:

- ***Vented safety couplings with recoil dampening***
 - Disconnect in two stages, in order to vent the coupling, minimize the risk of component separation reduce noise, and prevent recoil accidents; available in several connections, as well as Soft-Line and Multi-Link versions
- ***Couplings with added locking feature*** – Require operator to deliberately disengage the nipple from the coupling, preventing unintentional disconnection
- ***Anti-hose whip nipples with recoil dampening***
 - Include a non-return valve that vents downstream pressure when disconnected and reduces noise; secure hose ends to prevent whipping of hose that may occur upon disconnection
- ***Hose kits*** – Include vented safety couplings installed on spiral or straight braided hose in a complete safety package
- ***Blowgun with regulator*** – Reduces output pressure to a safe level (2 bar/30 PSI) when dead-ended
- ***Blowgun with Star-Tip*** – Reduces noise levels down to 85 dB(A) or less; diverts air when dead-ended, preventing pressures exceeding 2 bar (30 PSI)
- ***Hose and cable reels*** – Keep hose and cable off the floor, where they can cause personnel to trip and fall



Modular Air Distribution System

– Keep the pressure up and the costs down



CEJN Hose Reels



CEJN Adapters



CEJN MultiFLOW



CEJN Hoses



The CEJN FRL range



Synchronized Pneumatic Components

The **CEJN modular air distribution system** consists of CEJN components designed to work together and to ensure maximum performance. The features, functions and dimensions of each component are developed with top flow in mind. All components are carefully synchronized to eliminate obstructions in the air flow, making it possible to significantly reduce energy and maintenance costs and securing that tools and equipment get the correct pneumatic power needed for the most efficient output.

The **CEJN Multi-Link** lets you connect as many outlets as you need at each distribution point to form an efficient air distribution system. The outlets can be positioned at different angles and still assure an unobstructed and high air flow.

CEJN Couplings allow for connection, disconnection and operation without air loss. An air tight design is created through properly aligned mating parts. The aerodynamic, conical-shaped valve allows air to flow into the valve without undue turbulence. Leaks due to side loads and misalignment are avoided with an o-ring inside the valve.

CEJN Polyurethane Hoses also contribute to a high flow rate, as the hose have extremely smooth internal surfaces. The choice of polyurethane makes it possible to use a thin-wall construction that increases the flow rate even more. To deliver performance in the long run, our hoses have excellent resistance to abrasions, oils, solvents, and other non-aqueous solutions and outlasts conventional PVC hoses up to 10 times.

The **CEJN FRL range** includes filters, regulators and lubricators that provide a maximized flow of clean air and a consistent operating pressure, resulting in better system performance and lower maintenance costs.

CEJN Adapters come in many different sizes and versions to ensure smooth connection between couplings, hoses and FRLs to make all kinds of setups possible.

CEJN Hose Reels provide high flow capacity as a result of the cleverly constructed axle and swivel inside. When combining CEJN hose reels, CEJN PUR hoses and CEJN Stream line connections, the flow capacity outperforms most hose and hose reel combinations on the market. That they are abrasion resistant and score high marks in impact strength as well as tensile and tear strength helps maintaining performance over the years.

CEJN's new MultiFLOW blowgun effectively cleans surfaces with air or water with unparalleled blowing force. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. The MultiFLOW meets and exceeds OSHA safety standards when dead-ended.

CEJN Hose kits contains a CEJN polyurethane hose style, Stream-Line couplings, nipples, and swivels that provide reusable, leak-free hose connections. Each kit is ready for immediate use without the need for tools, and customers are ensured of no missing parts. Kit contents are reusable and air tight and won't need follow-up tightening.



CEJN Multi-Link



CEJN Hose kits

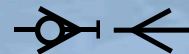




Win-win Solutions for Profitable Business

CEJN has been a producer of high performance, secure and innovative products for over 50 years. We are confident that our high quality products are customer's first choice, and are also reflected on product packaging. If you want to catch customers' attention, make sure to stock up on CEJN pneumatic products. Our visual presence together with the possibility of demonstrating the products, makes for a powerful sales tool that will maximize your opportunity to increase business.





Series 141 – Standard

CEJN ORIGINAL MINIATURE STANDARD

GLOBAL

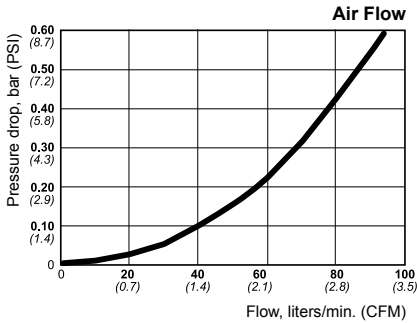
- *Extremely small external dimensions*
- *One-hand operation*
- *Suitable for several media*

Series 141 mini couplings are among the smallest couplings on the market. The Series offers CEJN's popular product features in a small package and is suitable for fluid and vacuum lines, as well as pneumatic applications.



Technical Data

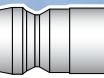
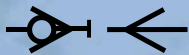
Nominal flow dia.....	2.5 mm (3/32")
Flow capacity.....	86 l/min. (3.0 CFM)
Max. working pressure	10 bar (145 PSI)
Min. burst pressure	40 bar (580 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Chrome-plated brass
Nipple material.....	Chrome-plated brass



COUPLINGS	Part No.	Connection
Hose connection 	10 141 1001	5 mm (3/16")
Male thread 	10 141 1151 10 141 1251 10 141 1451	R 1/8" G 1/8" NPT 1/8"
Female thread 	10 141 1201 10 141 1401	G 1/8" NPT 1/8"

NIPPLES	Part No.	Connection
Hose connection 	10 141 5000 10 141 5001	3 mm (1/8") 5 mm (3/16")
Male thread 	10 141 5151 10 141 5251 10 141 5451	R 1/8" G 1/8" NPT 1/8"
Female thread 	10 141 5201 10 141 5401	G 1/8" NPT 1/8"

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 220 – Standard

CEJN ORIGINAL STANDARD

GLOBAL

- **High flow capacity**
- **Small external dimensions**
- **One-hand operation**

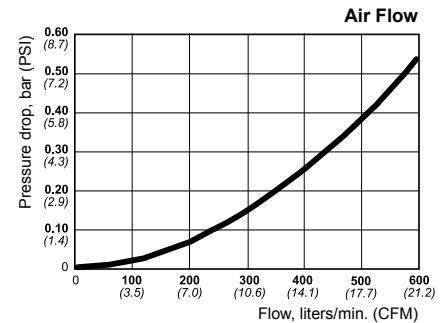
Series 220 couplings are suitable for fluid and vacuum applications, as well as compressed air. They offer high flow capacity for a wide range of applications. Safety rings to prevent unintentional disconnection are available on request.

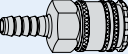
Refer to the *CEJN Fluid Products Catalog* for specialized versions of Series 220 with brass nipples (Series 221) and two-way shutoff (Series 225). Refer to the *CEJN Breathing Air Products Catalog* for Series 221 that offers an easy-to-grip locking sleeve.



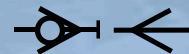
Technical Data

Nominal flow dia.	5 mm (3/16")
Flow capacity	580 l/min. (20.5 CFM)
Max. working pressure	35 bar (508 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Nickel-plated brass
Nipple material	Hardened zinc-plated steel



COUPLINGS	Part No.	Connection
Hose connection 	10 220 1001	5 mm (3/16")
	10 220 1002	6.3 mm (1/4")
	10 220 1003	8 mm (5/16")
	10 220 1004	10 mm (3/8")
Male thread 	10 220 1151	R 1/8"
	10 220 1152	R 1/4"
	10 220 1154	R 3/8"
	10 220 1451	NPT 1/8"
	10 220 1452	NPT 1/4"
	10 220 1454	NPT 3/8"
Female thread 	10 220 1201	G 1/8"
	10 220 1202	G 1/4"
	10 220 1204	G 3/8"
	10 220 1401	NPT 1/8"
	10 220 1402	NPT 1/4"
	10 220 1404	NPT 3/8"

NIPPLES	Part No.	Connection
Hose connection 	10 220 5001	5 mm (3/16")
	10 220 5002	6.3 mm (1/4")
	10 220 5003	8 mm (5/16")
	10 220 5004	10 mm (3/8")
Male thread 	10 220 5151	R 1/8"
	10 220 5152	R 1/4"
	10 220 5154	R 3/8"
	10 220 5451	NPT 1/8"
	10 220 5452	NPT 1/4"
	10 220 5454	NPT 3/8"
Female thread 	10 220 5201	G 1/8"
	10 220 5202	G 1/4"
	10 220 5204	G 3/8"
	10 220 5401	NPT 1/8"
	10 220 5402	NPT 1/4"
	10 220 5404	NPT 3/8"



Series 223 – Standard

GLOBAL

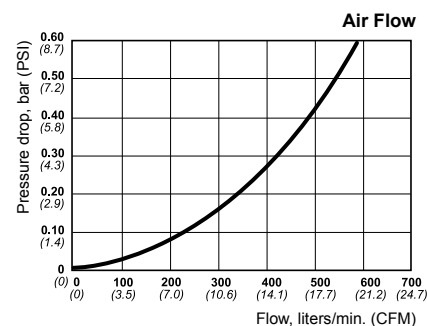
- **Interchangeable with several other brands**
- **Small external dimensions**
- **Robust design**

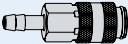
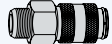
Series 223 consists of couplings and nipples, suitable for compressed air, as well as fluid and vacuum applications. All the products in series 223 have small external dimensions, which makes them practical when space is tight. Despite the dimensions, the design is robust and sturdy. The products in Series 223 are interchangeable with several other brands with comparable size.



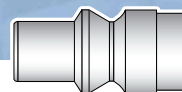
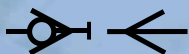
Technical Data

Nominal flow dia.....	5.0 mm (3/32")
Flow capacity.....	535 l/min (18.9 CFM)
Max. working pressure.....	15 bar (220 PSI)
Min. burst pressure.....	60 bar (870 PSI)
Temperature range.....	-20°C — +70°C (-4°F — +158°F)
Coupling material.....	Nickel-plated brass
Nipple material.....	Nickel-plated brass
Interchangeable with.....	Rectus 21



COUPLINGS	Part No.	Connection
	102231930	4.0 mm (5/32")
	102231932	6.0 mm (1/4")
	102231951	G 1/8"
	102231952	G 1/4"
	102231901	G 1/8"
	102231902	G 1/4"

NIPPLES	Part No.	Connection
	102235930	4.0 mm (5/32")
	102235932	6.0 mm (1/4")
	102235951	G 1/8"
	102235952	G 1/4"
	102235901	G 1/8"
	102235902	G 1/4"



Series 300 – Standard & Vented Safety

ARO 210 STANDARD

BENELUX, NORTH AMERICA, SWITZERLAND

- **Full automatic operation**
- **Strong and durable**
- **High flow capacity**

Series 300 couplings offer high flow and require only a low connection force, which ensures a safe working environment. Male threads on the couplings and nipples feature pre-applied thread sealant.

The Series 300 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983.



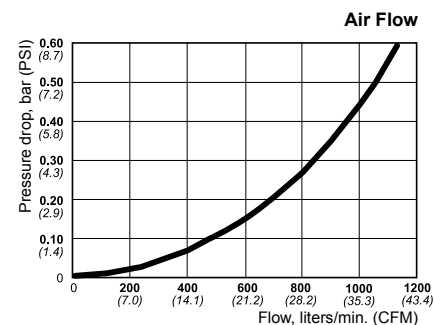
This series includes safety products.
For more information, see Page 6-7.



STANDARD

Technical Data

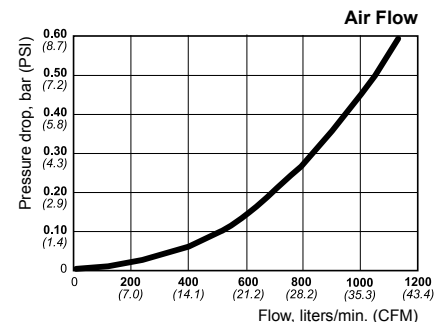
Nominal flow dia.	5.5 mm (7/32")
Flow capacity	1050 l/min. (37.1 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	70.7 N
Interchangeable with	Rectus 14/22, Prevost ASI06, Hansen 210, Orion 44150/44515



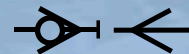
VENTED SAFETY

Technical Data

Nominal flow dia.	5.5 mm (7/32")
Flow capacity	975 l/min. (34.4 CFM)
Max. working pressure	12 bar (174 PSI)
Min. burst pressure	48 bar (696 PSI)
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Zinc-plated steel/brass
Connection force	59.8 N
Interchangeable with	Rectus 14/22, Prevost ASI06, Hansen 210, Orion 44150/44515



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

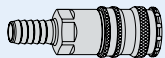
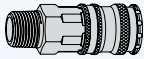
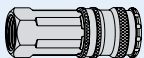


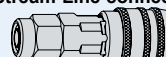
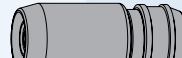
Series 300 – Standard & Vented Safety

ARO 210 STANDARD

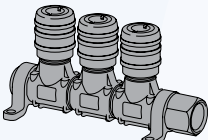
This series includes safety products.
For more information, see Page 6-7.



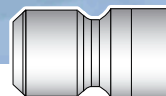
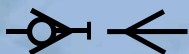
COUPLINGS	Part No.	Connection
Hose connection 	10 300 1002	6.3 mm (1/4")
	10 300 1003	8 mm (5/16")
	10 300 1004	10 mm (3/8")
Male thread 	10 300 1152	R 1/4"
	10 300 1154	R 3/8"
	10 300 1155	R 1/2"
	10 300 1452	NPT 1/4"
Female thread 	10 300 1202	G 1/4"
	10 300 1204	G 3/8"
	10 300 1402	NPT 1/4"
Stream-Line connection 	10 300 1060	6.5 x 10 mm
	10 300 1062	8 x 12 mm

VENTED SAFETY COUPLINGS	Part No.	Connection
Hose connection 	10 300 3002	6.3 mm (1/4")
	10 300 3003	8 mm (5/16")
	10 300 3004	10 mm (3/8")
	10 300 3005	13 mm (1/2")
Male thread 	10 300 3152	R 1/4"
	10 300 3154	R 3/8"
	10 300 3155	R 1/2"
	10 300 3452	NPT 1/4"
	10 300 3454	NPT 3/8"
	10 300 3455	NPT 1/2"
Female thread 	10 300 3202	G 1/4"
	10 300 3204	G 3/8"
	10 300 3205	G 1/2"
	10 300 3402	NPT 1/4"
	10 300 3404	NPT 3/8"
	10 300 3405	NPT 1/2"
Stream-Line connection 	10 300 3060	6.5 x 10 mm
	10 300 3062	8 x 12 mm
	10 300 3063	9.5 x 13.5 mm
	10 300 3066	11 x 16 mm
Soft-Line (Page 26) 	Stream-Line connection	
	10 300 3080	6.5 x 10 mm
	10 300 3082	8 x 12 mm

MULTI-LINK (Page 30)	Part No.	Connection
2-outlet unit, Vented Safety	19 902 9962	G 1/2"
3-outlet unit, Vented Safety	19 902 9963	G 1/2"



NIPPLES	Part No.	Connection
Hose connection 	10 300 5002	6.3 mm (1/4")
	10 300 5003	8 mm (5/16")
	10 300 5004	10 mm (3/8")
Male thread 	10 300 5151	R 1/8"
	10 300 5152	R 1/4"
	10 300 5154	R 3/8"
	10 300 5155	R 1/2"
	10 300 5451	NPT 1/8"
	10 300 5452	NPT 1/4"
Female thread 	10 300 5201	G 1/8"
	10 300 5202	G 1/4"
	10 300 5204	G 3/8"
	10 300 5401	NPT 1/8"
	10 300 5402	NPT 1/4"
	10 300 5404	NPT 3/8"
Stream-Line connection 	10 300 5058	5 x 8 mm
	10 300 5060	6.5 x 10 mm
	10 300 5062	8 x 12 mm
	10 300 5063	9.5 x 13.5 mm
	10 300 5066	11 x 16 mm
ANTI-HOSE WHIP NIPPLES	Part No.	Connection
Hose connection 	10 300 8003	8 mm (5/16")
	10 300 8004	10 mm (3/8")
Stream-Line connection 	10 300 8060	6 x 10 mm
	10 300 8062	8 x 12 mm



Series 303 – Standard

FINLAND, SWEDEN

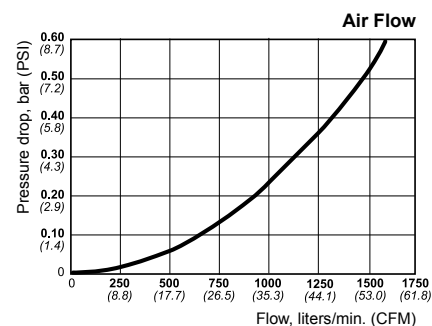
- **Strong and durable**
- **One-hand operation**
- **Low connection force**

Series 303 couplings offer high-flow capacity and are insensitive to vibrations. A wide range of connections is included in the series, which is also suitable for vacuum service. Male threads on the couplings and nipples feature pre-applied thread sealant.

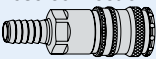
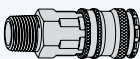
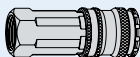
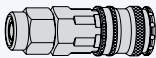


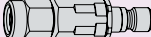
Technical Data

Nominal flow dia.	6.3 mm (1/4")
Flow capacity	1450 l/min. (51.2 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	85.0 N
Interchangeable with	Rectus 31, Tema 1300

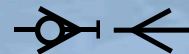


This series includes safety products.
For more information, see Page 6-7.

COUPLINGS	Part No.	Connection
Hose connection 	10 303 1002 10 303 1003 10 303 1004 10 303 1005	6.3 mm (1/4") 8 mm (5/16") 10 mm (3/8") 13 mm (1/2")
Male thread 	10 303 1152 10 303 1154 10 303 1155	R 1/4" R 3/8" R 1/2"
Female thread 	10 303 1202 10 303 1204 10 303 1205	G 1/4" G 3/8" G 1/2"
Stream-Line connection 	10 303 1058 10 303 1060 10 303 1062 10 303 1063 10 303 1066	5 x 8 mm 6.5 x 10 mm 8 x 12 mm 9.5 x 13.5 mm 11 x 16 mm

NIPPLES	Part No.	Connection
Hose connection 	10 303 5002 10 303 5003 10 303 5004 10 303 5005	6.3 mm (1/4") 8 mm (5/16") 10 mm (3/8") 13 mm (1/2")
Male thread 	10 303 5151 10 303 5152 10 303 5154 10 303 5155	R 1/8" R 1/4" R 3/8" R 1/2"
Female thread 	10 303 5201 10 303 5202 10 303 5204 10 303 5205	G 1/8" G 1/4" G 3/8" G 1/2"
Stream-Line connection 	10 303 5058 10 303 5060 10 303 5062 10 303 5063 10 303 5066	5 x 8 mm 6.5 x 10 mm 8 x 12 mm 9.5 x 13.5 mm 11 x 16 mm
ANTI-HOSE WHIP NIPPLES		
Hose connection 	10 303 8002 10 303 8003 10 303 8004 10 303 8005	6.3 mm (1/4") 8 mm (5/16") 10 mm (3/8") 13 mm (1/2")
Male thread 	10 303 8152	R 1/4"
Stream-Line connection 	10 303 8060 10 303 8062	6.5 x 10 mm 8 x 12 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 310 – Standard & Vented Safety

A-A 59439 (former U.S. Standard MIL C 4109 1/4"), ISO 6150 B

BENELUX, FRANCE, NORTH AMERICA, NORWAY, SWITZERLAND

- **High flow capacity**
- **One-hand operation**
- **Low connection force**

Series 310 offers a wide range of easy-to-grip couplings, including Soft-Line, Stream-Line, and Multi-Link couplings. Male threads on the couplings and nipples feature pre-applied thread sealant.

The Series 310 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983.



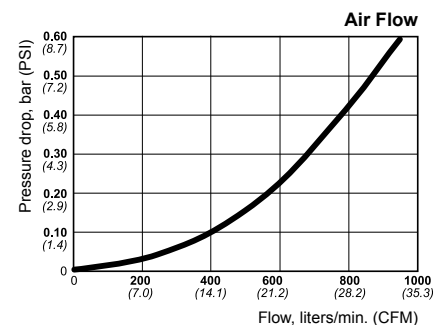
This series includes safety products.
For more information, see Page 6-7.



STANDARD

Technical Data

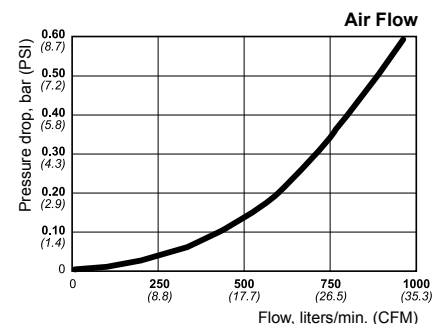
Nominal flow dia.	5.3 mm (7/32")
Flow capacity	925 l/min. (32.7 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	70.7 N
Interchangeable with	Atlas Copco QIC8, Rectus 23/24, Tema 1400/1423, Prevost ISC06/ISI06, Foster 3003, Oetiker B1, Hansen 3000



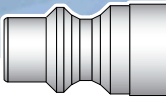
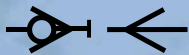
VENTED SAFETY

Technical Data

Nominal flow dia.	5.3 mm (7/32")
Flow capacity	900 l/min. (31.8 CFM)
Max. working pressure	12 bar (174 PSI)
Min. burst pressure	48 bar (696 PSI)
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Zinc-plated steel/brass
Connection force	61.7 N
Interchangeable with	Atlas Copco QIC8, Rectus 23/24, Tema 1400/1423, Prevost ISC06/ISI06, Foster 3003, Oetiker B1, Hansen 3000



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

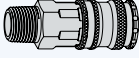
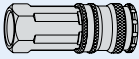
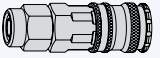
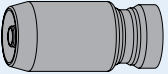


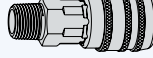
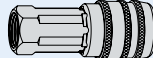
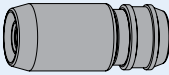
Series 310 – Standard & Vented Safety

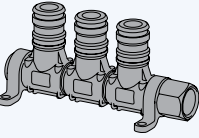
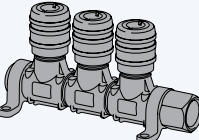
A-A 59439 (former U.S. Standard MIL C 4109 1/4"), ISO 6150 B

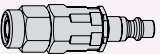
This series includes safety products.
For more information, see Page 6-7.



COUPLINGS	Part No.	Connection
Hose connection 	10 310 1002	6.3 mm (1/4")
	10 310 1003	8 mm (5/16")
	10 310 1004	10 mm (3/8")
	10 310 1005	13 mm (1/2")
Male thread 	10 310 1152	R 1/4"
	10 310 1154	R 3/8"
	10 310 1155	R 1/2"
	10 310 1452	NPT 1/4"
	10 310 1454	NPT 3/8"
	10 310 1455	NPT 1/2"
Female thread 	10 310 1202	G 1/4"
	10 310 1204	G 3/8"
	10 310 1205	G 1/2"
	10 310 1402	NPT 1/4"
	10 310 1404	NPT 3/8"
	10 310 1405	NPT 1/2"
Stream-Line connection 	10 310 1058	5 x 8 mm
	10 310 1060	6.5 x 10 mm
	10 310 1062	8 x 12 mm
	10 310 1063	9.5 x 13.5 mm
	10 310 1066	11 x 16 mm
Soft-Line (Page 26) 	Stream-Line connection	10 310 1083 6.5 x 10 mm
		10 310 1084 8 x 12 mm
	Female thread	10 310 1240 G 1/4"
		10 310 1241 G 3/8"
		10 310 1446 NPT 1/4"
		10 310 1447 NPT 3/8"

VENTED SAFETY COUPLINGS	Part No.	Connection
Hose connection 	10 310 3002	6.3 mm (1/4")
	10 310 3003	8 mm (5/16")
	10 310 3004	10 mm (3/8")
	10 310 3005	13 mm (1/2")
Male thread 	10 310 3152	R 1/4"
	10 310 3154	R 3/8"
	10 310 3155	R 1/2"
	10 310 3452	NPT 1/4"
	10 310 3454	NPT 3/8"
	10 310 3455	NPT 1/2"
Female thread 	10 310 3202	G 1/4"
	10 310 3204	G 3/8"
	10 310 3205	G 1/2"
	10 310 3402	NPT 1/4"
	10 310 3404	NPT 3/8"
	10 310 3405	NPT 1/2"
Stream-Line connection 	10 310 3060	6.5 x 10 mm
	10 310 3062	8 x 12 mm
	10 310 3063	9.5 x 13.5 mm
Soft-Line (Page 26) 	Stream-Line connection	10 310 3080 6.5 x 10 mm
		10 310 3082 8 x 12 mm
	Female thread	10 310 3234 G 3/8"

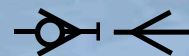
MULTI-LINK (page 30)	Part No.	Connection
2-outlet unit	19 902 9922	G 1/2"
3-outlet unit	19 902 9923	G 1/2"
		
2-outlet unit, Vented Safety	19 902 9942	G 1/2"
3-outlet unit, Vented Safety	19 902 9943	G 1/2"
		

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
Hose connection 	10 310 8003	8 mm (5/16")
	10 310 8004	10 mm (3/8")
Stream-Line connection 	10 310 8060	6.5 x 10 mm
	10 310 8062	8 x 12 mm

NIPPLES	Part No.	Connection
Hose connection 	10 310 5001	5 mm (3/16")
	10 310 5002	6.3 mm (1/4")
	10 310 5003	8 mm (5/16")
	10 310 5004	10 mm (3/8")
	10 310 5005	13 mm (1/2")
Male thread 	10 310 5151	R 1/8"
	10 310 5152	R 1/4"
	10 310 5154	R 3/8"
	10 310 5252	G 1/4"
	10 310 5451	NPT 1/8"
	10 310 5452	NPT 1/4"
	10 310 5454	NPT 3/8"
	10 310 5455	NPT 1/2"
Female thread 	10 310 5201	G 1/8"
	10 310 5202	G 1/4"
	10 310 5204	G 3/8"
	10 310 5401	NPT 1/8"
	10 310 5402	NPT 1/4"
	10 310 5404	NPT 3/8"
Stream-Line connection 	10 310 5058	5 x 8 mm
	10 310 5060	6.5 x 10 mm
	10 310 5062	8 x 12 mm
	10 310 5063	9.5 x 13.5 mm
	10 310 5066	11 x 16 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.





Series 315 – Standard

ASIAN STANDARD

ASIA, ITALY, SOUTH AMERICA

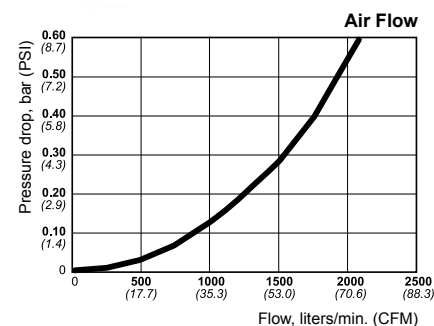
- **Extremely high flow capacity**
- **Low connection force**
- **One-hand operation**

Series 315 couplings are lightweight and easy to handle, yet strong and durable. The Series includes a wide range of connections, as well as anti-hose whip nipples. Male threads on the couplings and nipples feature pre-applied thread sealant.



Technical Data

Nominal flow dia.	7.5 mm (5/16")
Flow capacity	1950 l/min. (68.9 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	73.5 N
Interchangeable with	Nitto Kohki 20/30/40, Daisen 23 SF/SOF, Rectus 13, Prevost OSG/ORG 08, Hansen CHS 03 F



This series includes safety products.
For more information, see Page 6-7.

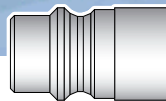
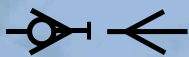
COUPLINGS	Part No.	Connection
	10 315 1002	6.3 mm (1/4")
	10 315 1043	7 mm (9/32")
	10 315 1004	10 mm (3/8")
	10 315 1005	13 mm (1/2")
	10 315 1152	R 1/4"
	10 315 1154	R 3/8"
	10 315 1155	R 1/2"
	10 315 1452	NPT 1/4"
	10 315 1454	NPT 3/8"
	10 315 1455	NPT 1/2"
	10 315 1102	Rc 1/4"
	10 315 1104	Rc 3/8"
	10 315 1105	Rc 1/2"
	10 315 1402	NPT 1/4"
	10 315 1404	NPT 3/8"
	10 315 1405	NPT 1/2"
	10 315 1058	5 x 8 mm
	10 315 1060	6.5 x 10 mm
	10 315 1062	8 x 12 mm
	10 315 1066	11 x 16 mm

NIPPLES	Part No.	Connection
	10 315 5001	5 mm (3/16")
	10 315 5002	6.3 mm (1/4")
	10 315 5043	7 mm (9/32")
	10 315 5004	10 mm (3/8")
	10 315 5005	13 mm (1/2")
	10 315 5151	R 1/8"
	10 315 5152	R 1/4"
	10 315 5154	R 3/8"
	10 315 5155	R 1/2"
	10 315 5452	NPT 1/4"
	10 315 5454	NPT 3/8"
	10 315 5455	NPT 1/2"

NIPPLES	Part No.	Connection
	10 315 5101	Rc 1/8"
	10 315 5102	Rc 1/4"
	10 315 5104	Rc 3/8"
	10 315 5105	Rc 1/2"
	10 315 5402	NPT 1/4"
	10 315 5404	NPT 3/8"
	10 315 5405	NPT 1/2"
	10 315 5058	5 x 8 mm
	10 315 5060	6.5 x 10 mm
	10 315 5062	8 x 12 mm
	10 315 5066	11 x 16 mm
	10 315 5085	6.5 x 10 mm
	10 315 5086	8 x 12 mm

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
	10 315 8012	6.3 mm (1/4")
	10 315 8013	7 mm (9/32")
	10 315 8014	10 mm (3/8")
	10 315 8015	13 mm (1/2")
	10 315 8152	R 1/4"
	10 315 8154	R 3/8"
	10 315 8452	NPT 1/4"
	10 315 8102	Rc 1/4"
	10 315 8402	NPT 1/4"
	10 315 8068	5 x 8 mm
	10 315 8070	6.5 x 10 mm
	10 315 8072	8 x 12 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 320 – Standard & Vented Safety

CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)

GLOBAL

- **Extremely high flow capacity**
- **Easy to connect**
- **Strong and durable**

Series 320 couplings feature the original high-flow valve design upon which all other CEJN pneumatic couplings are based. Their popularity has made Series 320 a European standard. The Series is easy-to-handle and one-hand operated and offers long service life. Male threads on the couplings and nipples feature pre-applied thread sealant. Lightweight aluminum styles are also available (also see the Aluminum Couplings section of this catalog).

The Series 320 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983.

Refer to the CEJN Fluid Products Catalog for specialized versions of Series 320 with brass nipples (Series 321), high-pressure straight-through design (Series 322), two-way shutoff (Series 324), and stainless steel construction (Series 326).



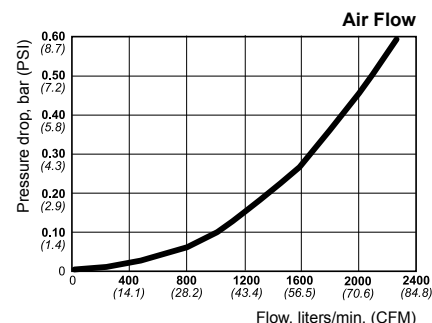
This series includes safety products.
For more information, see Page 6-7.



STANDARD

Technical Data

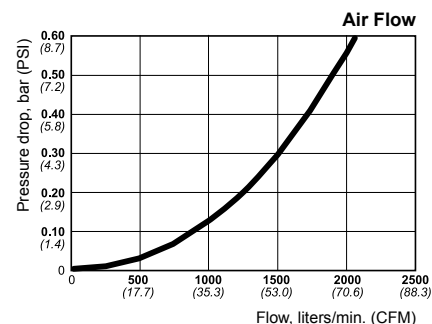
Nominal flow dia.....	7.6 mm (5/16")
Flow capacity.....	2100 l/min. (74.2 CFM)
Max. working pressure.....	16 bar (232 PSI)
Min. burst pressure.....	140 bar (2,030 PSI)
Temperature range.....	-20°C to +100°C (-4°F to +212°F)
Coupling material.....	Zinc-plated steel/brass
Nipple material.....	Hardened zinc-plated steel
Connection force.....	70.7 N
Interchangeable with.....	Rectus 25/26, Tema 1600/1625 Prevost ESC07/ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24



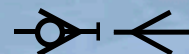
VENTED SAFETY

Technical Data

Nominal flow dia.....	7.6 mm (5/16")
Flow capacity.....	1900 l/min. (67.1 CFM)
Max. working pressure.....	16 bar (232 PSI)
Min. burst pressure.....	64 bar (928 PSI)
Temperature range.....	-20°C to +80°C (-4°F to +176°F)
Coupling material.....	Zinc-plated steel/brass
Connection force.....	64.0 N
Interchangeable with.....	Rectus 25/26, Tema 1600/1625 Prevost ESC07/ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 320 – Standard & Vented Safety

CEJN ORIGINAL STANDARD, EUROSTANDARD 7.6 (7.4)

This series includes safety products.
For more information, see Page 6-7.



COUPLINGS	Part No.	Connection
Hose connection 	10 320 1002	6.3 mm (1/4")
	10 320 1003	8 mm (5/16")
	10 320 1009	9 mm
	10 320 1004	10 mm (3/8")
	10 320 1005	13 mm (1/2")
Male thread 	10 320 1152	R 1/4"
	10 320 1154	R 3/8"
	10 320 1155	R 1/2"
	10 320 1452	NPT 1/4"
	10 320 1454	NPT 3/8"
	10 320 1455	NPT 1/2"
Female thread 	10 320 1202	G 1/4"
	10 320 1204	G 3/8"
	10 320 1205	G 1/2"
	10 320 1402	NPT 1/4"
	10 320 1404	NPT 3/8"
	10 320 1405	NPT 1/2"
Stream-Line connection 	10 320 1058	5 x 8 mm
	10 320 1060	6.5 x 10 mm
	10 320 1062	8 x 12 mm
	10 320 1063	9.5 x 13.5 mm
	10 320 1066	11 x 16 mm
Soft-Line (Page 26) 	Hose connection	10 320 1086 10 mm (3/8")
		10 320 1087 13 mm (1/2")
	Stream-Line connection	10 320 1089 6.5 x 10 mm
		10 320 1090 8 x 12 mm
	Female thread	10 320 1246 G 1/4"
		10 320 1247 G 3/8"

ALUMINUM COUPLINGS (Page 28)	Part No.	Connection
Hose connection 	10 320 1932	6.3 mm (1/4")
	10 320 1934	10 mm (3/8")
	10 320 1935	13 mm (1/2")
Female thread 	10 320 1942	G 1/4"
	10 320 1972	NPT 1/4"
	10 320 1974	NPT 3/8"
Stream-Line Connection 	10 320 1960	6.5 x 10 mm
	10 320 1962	8 x 12 mm

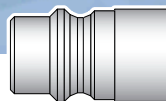
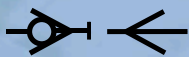
MULTI-LINK (page 30)	Part No.	Connection
2-outlet unit 	19 902 9912	G 1/2"
3-outlet unit 	19 902 9913	G 1/2"
2-outlet unit, Vented Safety 	19 902 9932	G 1/2"
3-outlet unit, Vented Safety 	19 902 9933	G 1/2"

VENTED SAFETY COUPLINGS	Part No.	Connection
Hose connection 	10 320 3002	6.3 mm (1/4")
	10 320 3003	8 mm (5/16")
	10 320 3004	10 mm (3/8")
	10 320 3005	13 mm (1/2")
Male thread 	10 320 3152	R 1/4"
	10 320 3154	R 3/8"
	10 320 3155	R 1/2"
	10 320 3452	NPT 1/4"
	10 320 3454	NPT 3/8"
	10 320 3455	NPT 1/2"
Female thread 	10 320 3202	G 1/4"
	10 320 3204	G 3/8"
	10 320 3205	G 1/2"
	10 320 3402	NPT 1/4"
	10 320 3404	NPT 3/8"
	10 320 3405	NPT 1/2"
Stream-Line connection 	10 320 3060	6.5 x 10 mm
	10 320 3062	8 x 12 mm
	10 320 3063	9.5 x 13.5 mm
	10 320 3066	11 x 16 mm
Soft-Line (Page 26) 	Stream-Line connection	10 320 3080 6.5 x 10 mm
		10 320 3082 8 x 12 mm

NIPPLES	Part No.	Connection
Hose connection 	10 320 5001	5 mm (3/16")
	10 320 5002	6.3 mm (1/4")
	10 320 5003	8 mm (5/16")
	10 320 5004	10 mm (3/8")
	10 320 5005	13 mm (1/2")
Male thread 	10 320 5151	R 1/8"
	10 320 5152	R 1/4"
	10 320 5154	R 3/8"
	10 320 5155	R 1/2"
	10 320 5263	G 1/4"
	10 320 5264	G 3/8"
	10 320 5265	G 1/2"
	10 320 5451	NPT 1/8"
	10 320 5452	NPT 1/4"
	10 320 5454	NPT 3/8"
	10 320 5455	NPT 1/2"
Female thread 	10 320 5201	G 1/8"
	10 320 5202	G 1/4"
	10 320 5204	G 3/8"
	10 320 5205	G 1/2"
	10 320 5401	NPT 1/8"
	10 320 5402	NPT 1/4"
	10 320 5404	NPT 3/8"
	10 320 5405	NPT 1/2"
Stream-Line connection 	10 320 5058	5 x 8 mm
	10 320 5060	6.5 x 10 mm
	10 320 5062	8 x 12 mm
	10 320 5063	9.5 x 13.5 mm
	10 320 5066	11 x 16 mm

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
Hose connection 	10 320 8002	6.3 mm (1/4")
	10 320 8003	8 mm (5/16")
	10 320 8004	10 mm (3/8")
	10 320 8005	13 mm (1/2")
Male thread 	10 320 8152	R 1/4"
Stream-Line connection 	10 320 8060	6.5 x 10 mm
	10 320 8062	8 x 12 mm
	10 320 8063	9.5 x 13.5 mm

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 326 – Standard

CEJN ORIGINAL STANDARD IN STAINLESS STEEL
GLOBAL

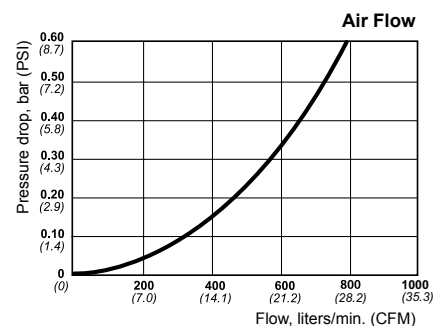
- **For tough environment**
- **Easy to connect**
- **Strong and durable**

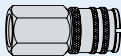
Compatible with aggressive medias, Series 326 stands up to food, offshore, and steam applications. One- and two-way shutoff styles are included in the series that requires only one hand for operation. Dust caps are included as standard. EPDM seals are available on request.

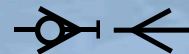


Technical Data

Nominal flow dia.....	6.2 mm (1/4")
Flow capacity.....	725 l/min. (25.6 CFM)
Max. working pressure.....	70 bar (1015 PSI)
Min. burst pressure.....	280 bar (4060 PSI)
Temperature range.....	-15°C to +100°C (+5°F to +212°F)
Coupling material.....	Stainless steel, AISI 316
Nipple material.....	Stainless steel, AISI 316
Interchangeable with.....	Rectus 25/26, Tema 1600/1625 Prevost ESC07/ERC07/ESI07/ISC08, Oetiker SC C, Hansen Auto-Flo 24



COUPLINGS	Part No.	Connection	NIPPLES	Part No.	Connection
Female thread 	10 326 1202	G 1/4"	Hose connection 	10 326 5002	6.3 mm (1/4")
	10 326 1204	G 3/8"		10 326 5003	8 mm (5/16")
	10 326 1205	G 1/2"		10 326 5004	10 mm (3/8")
			Male thread 	10 326 5152	R 1/4"
				10 326 5154	R 3/8"
			Female thread 	10 326 5232	G 1/4"
				10 326 5204	G 3/8"
				10 326 5205	G 1/2"

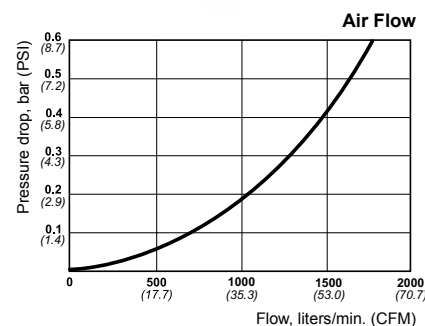


Series 331 – Standard

GLOBAL

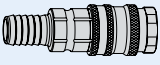
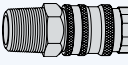
- **One-hand operated**
- **Strong and durable**
- **High-flow capacity**

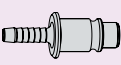
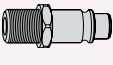
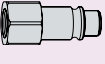
Series 331 couplings offer high-flow capacity and are insensitive to vibrations. One-hand operated with steel components for strength and durability.

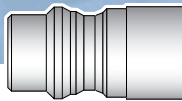
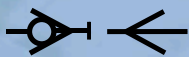


Technical Data

Nominal flow dia.....	7 mm (9/32")
Flow capacity.....	1600 l/min (56.5 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	64 bar (928 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Zinc-plated steel
Nipple material.....	Hardened zinc-plated steel
Interchangeable with.....	Atlas Copco QIC10, Rectus 33, Tema 1650

COUPLINGS	Part No.	Connection
	10 331 1002	6.3 mm (1/4")
	10 331 1003	8 mm (5/16")
	10 331 1004	10 mm (3/8")
	10 331 1005	13 mm (1/2")
	10 331 1152	R 1/4"
	10 331 1154	R 3/8"
	10 331 1155	R 1/2"
	10 331 1202	G 1/4"
	10 331 1204	G 3/8"

NIPPLES	Part No.	Connection
	10 331 5001	5 mm (3/16")
	10 331 5002	6.3 mm (1/4")
	10 331 5003	8 mm (5/16")
	10 331 5004	10 mm (3/8")
	10 331 5005	13 mm (1/2")
	10 331 5152	R 1/4"
	10 331 5154	R 3/8"
	10 331 5155	R 1/2"
	10 331 5251	G 1/8"
	10 331 5252	G 1/4"
	10 331 5254	G 3/8"
	10 331 5202	G 1/4"



Series 342 – Safety Lock

CEJN ORIGINAL STANDARD

GLOBAL

- **Automatic safety-locking feature**
- **Extremely high flow capacity**
- **One-hand operation**

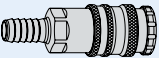
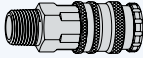
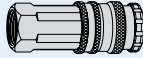
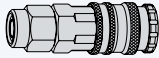
Series 342 couplings withstand extremely rough handling in extra tough applications. The Series features a zinc-plated steel/brass construction with a locking sleeve made of hardened zinc-plated steel. The Series offers a wide range of connections, as well as anti-hose whip nipples. The automatic safety-locking feature prevents unintentional disconnection.

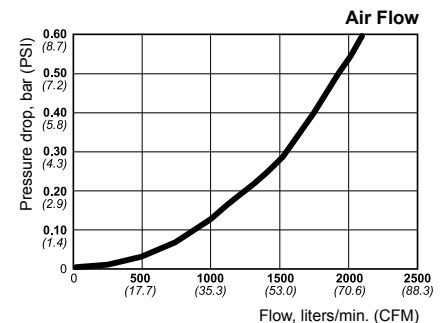
For an all-brass version (Series 341), see the CEJN Breathing Air Products Catalog.

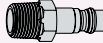
Technical Data

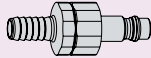
Nominal flow dia.	7.4 mm (9/32")
Flow capacity	1950 l/min. (68.9 CFM)
Max. working pressure	35 bar (508 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	103.0 N

 **This series includes safety products.**
For more information, see Page 6-7.

COUPLINGS	Part No.	Connection
	10 342 1002	6.3 mm (1/4")
	10 342 1003	8 mm (5/16")
	10 342 1004	10 mm (3/8")
	10 342 1005	13 mm (1/2")
	10 342 1152	R 1/4"
	10 342 1154	R 3/8"
	10 342 1155	R 1/2"
	10 342 1452	NPT 1/4"
	10 342 1454	NPT 3/8"
	10 342 1455	NPT 1/2"
	10 342 1202	G 1/4"
	10 342 1204	G 3/8"
	10 342 1205	G 1/2"
	10 342 1402	NPT 1/4"
	10 342 1404	NPT 3/8"
	10 342 1405	NPT 1/2"
	10 342 1060	6.5 x 10 mm
	10 342 1062	8 x 12 mm



NIPPLES	Part No.	Connection
	10 342 5002	6.3 mm (1/4")
	10 342 5004	10 mm (3/8")
	10 342 5005	13 mm (1/2")
	10 342 5152	R 1/4"
	10 342 5154	R 3/8"
	10 342 5155	R 1/2"
	10 342 5452	NPT 1/4"
	10 342 5454	NPT 3/8"
	10 342 5455	NPT 1/2"
	10 342 5556	M16x1.5
	10 342 5202	G 1/4"
	10 342 5204	G 3/8"
	10 342 5205	G 1/2"
	10 342 5402	NPT 1/4"
	10 342 5404	NPT 3/8"
	10 342 5405	NPT 1/2"
	10 342 5060	6.5 x 10 mm
	10 342 5062	8 x 12 mm

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
	10 342 8004	10 mm (3/8")
	10 342 8005	13 mm (1/2")



Series 408 – Standard

FINLAND, SWEDEN

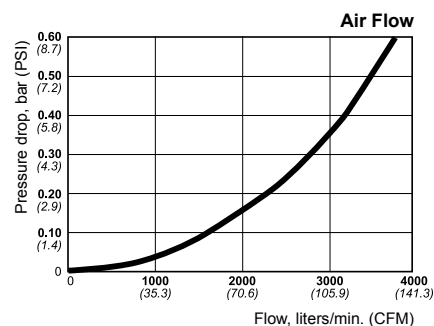
- **Strong and durable**
- **One-hand operation**
- **Low connection force**

Series 408 couplings offer high flow capacity. They have higher resistance to vibrations than competitive couplings. The Series is suitable for vacuum service. A wide range of connections is available, as well as anti-hose whip nipples.

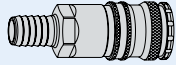
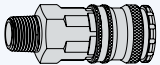
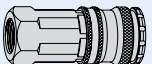
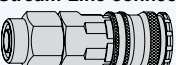


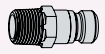
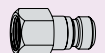
Technical Data

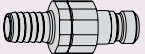
Nominal flow dia.....	9.5 mm (3/8")
Flow capacity.....	3450 l/min. (121.8 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material.....	Zinc-plated steel/brass
Nipple material.....	Hardened zinc-plated steel
Connection force.....	160.0 N
Interchangeable with.....	Rectus 32, Tema 1800



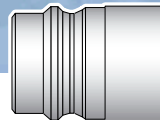
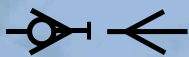
 **This series includes safety products.**
For more information, see Page 6-7.

COUPLINGS	Part No.	Connection
Hose connection 	10 408 1003	8 mm (5/16")
	10 408 1004	10 mm (3/8")
	10 408 1005	13 mm (1/2")
	10 408 1006	16 mm (5/8")
	10 408 1007	19 mm (3/4")
Male thread 	10 408 1154	R 3/8"
	10 408 1155	R 1/2"
	10 408 1157	R 3/4"
Female thread 	10 408 1204	G 3/8"
	10 408 1205	G 1/2"
	10 408 1207	G 3/4"
Stream-Line connection 	10 408 1066	11 x 16 mm

NIPPLES	Part No.	Connection
Hose connection 	10 408 5002	6.3 mm (1/4")
	10 408 5003	8 mm (5/16")
	10 408 5004	10 mm (3/8")
	10 408 5005	13 mm (1/2")
	10 408 5006	16 mm (5/8")
	10 408 5007	19 mm (3/4")
Male thread 	10 408 5152	R 1/4"
	10 408 5154	R 3/8"
	10 408 5155	R 1/2"
	10 408 5157	R 3/4"
Female thread 	10 408 5202	G 1/4"
	10 408 5204	G 3/8"
	10 408 5205	G 1/2"
	10 408 5207	G 3/4"
Stream-Line connection 	10 408 5066	11 x 16 mm

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
Hose connection 	10 408 8004	10 mm (3/8")
	10 408 8005	13 mm (1/2")
	10 408 8006	16 mm (5/8")
	10 408 8007	19 mm (3/4")

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 410 – Standard & Vented Safety

CEJN ORIGINAL STANDARD, EUROSTANDARD 10.4

GLOBAL

- **Extremely high flow capacity**
- **Full automatic operation**
- **Strong and durable**

Series 410 couplings are an original CEJN design that has become a European standard. The Series is one-hand operated and offers long service life. A wide range of connections is available, as well as anti-hose whip nipples.

The Series 410 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Full automatic operation ensures easy handling. The vented safety version complies with ISO Standard 4414 and EN 983 and has a steel front part as standard.

Refer to the CEJN Fluid Products Catalog for specialized versions of Series 410 with brass nipples (Series 411), high-pressure straight-through design (Series 412), two-way shutoff (Series 414), and stainless steel construction (Series 416).



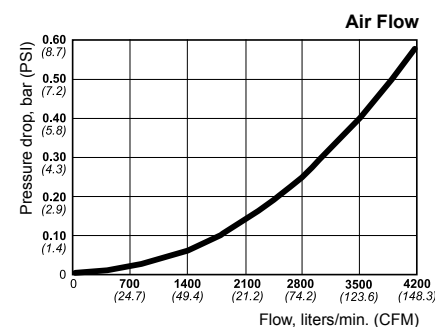
This series includes safety products.
For more information, see Page 6-7.



STANDARD

Technical Data

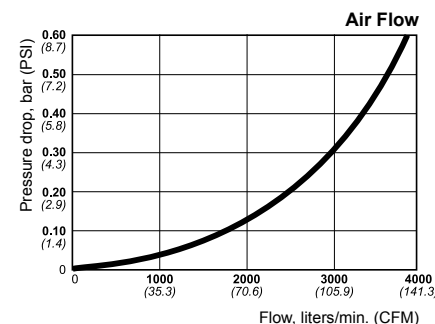
Nominal flow dia.	10.4 mm (13/32")
Flow capacity	3900 l/min. (137.7 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	105.2 N
Interchangeable with	Rectus 27, Tema 1700/1727



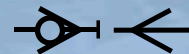
VENTED SAFETY

Technical Data

Nominal flow dia.	10.4 mm (13/32")
Flow capacity	3700 l/min. (130.7 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Zinc-plated steel/brass
Connection force	145.0 N
Interchangeable with	Rectus 27, Tema 1700/1727



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

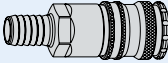
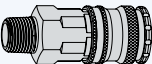
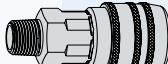
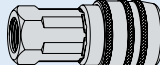
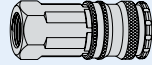
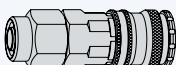


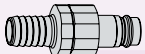
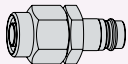
Series 410 – Standard & Vented Safety

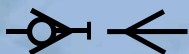
CEJN ORIGINAL STANDARD, EUROSTANDARD 10.4

This series includes safety products.
For more information, see Page 6-7.



COUPLINGS	Part No.	Connection	VENTED SAFETY COUPLINGS	Part No.	Connection
Hose connection 	10 410 1003	8 mm (5/16")	Hose connection 	10 410 3005	13 mm (1/2")
	10 410 1004	10 mm (3/8")		10 410 3006	16 mm (5/8")
	10 410 1005	13 mm (1/2")		10 410 3007	19 mm (3/4")
	10 410 1006	16 mm (5/8")			
	10 410 1007	19 mm (3/4")			
Male thread 	10 410 1154	R 3/8"	Male thread 	10 410 3155	R 1/2"
	10 410 1155	R 1/2"		10 410 3157	R 3/4"
	10 410 1157	R 3/4"			
	10 410 1454	NPT 3/8"	Female thread 	10 410 3204	G 3/8"
	10 410 1455	NPT 1/2"		10 410 3205	G 1/2"
	10 410 1457	NPT 3/4"			
Female thread 	10 410 1204	G 3/8"	Stream-Line connection 	10 410 3066	11 x 16 mm
	10 410 1205	G 1/2"		10 410 3068	13 x 18 mm
	10 410 1207	G 3/4"			
	10 410 1404	NPT 3/8"			
	10 410 1405	NPT 1/2"			
	10 410 1407	NPT 3/4"			

NIPPLES	Part No.	Connection	ANTI-HOSE WHIP NIPPLES	Part No.	Connection
Hose connection 	10 410 5002	6.3 mm (1/4")	Hose connection 	10 410 8004	10 mm (3/8")
	10 410 5003	8 mm (5/16")		10 410 8005	13 mm (1/2")
	10 410 5004	10 mm (3/8")		10 410 8006	16 mm (5/8")
	10 410 5005	13 mm (1/2")		10 410 8007	19 mm (3/4")
	10 410 5006	16 mm (5/8")			
	10 410 5007	19 mm (3/4")			
Male thread 	10 410 5152	R 1/4"			
	10 410 5154	R 3/8"			
	10 410 5155	R 1/2"			
	10 410 5157	R 3/4"			
	10 410 5454	NPT 3/8"			
	10 410 5455	NPT 1/2"			
	10 410 5457	NPT 3/4"			
Female thread 	10 410 5202	G 1/4"			
	10 410 5204	G 3/8"			
	10 410 5205	G 1/2"			
	10 410 5207	G 3/4"			
	10 410 5404	NPT 3/8"			
	10 410 5405	NPT 1/2"			
	10 410 5407	NPT 3/4"			
Stream-Line connection 	10 410 5066	11 x 16 mm			
	10 410 5068	13 x 18 mm			



Series 421 – Standard

GLOBAL

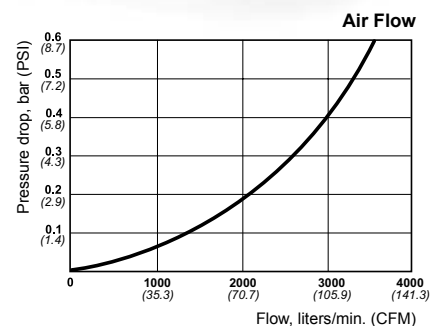
- **One-hand operated**
- **Strong and durable**
- **High-flow capacity**

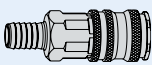
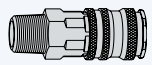
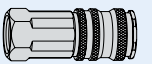
Series 421 couplings offer high-flow capacity and are insensitive to vibrations. One-hand operated with steel components for strength and durability.

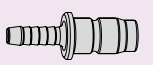
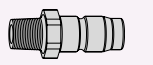


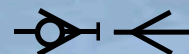
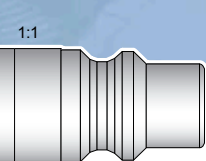
Technical Data

Nominal flow dia.....	10 mm (13/32")
Flow capacity.....	3200 l/min (113 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	64 bar (928 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Zinc-plated steel
Nipple material.....	Hardened zinc-plated steel
Interchangeable with.....	Atlas Copco QIC15



COUPLINGS	Part No.	Connection
	10 421 1004	10 mm (3/8")
	10 421 1005	13 mm (1/2")
	10 421 1006	16 mm (5/8")
	10 421 1154	R 3/8"
	10 421 1155	R 1/2"
	10 421 1205	G 1/2"

NIPPLES	Part No.	Connection
	10 421 5002	6.3 mm (1/4")
	10 421 5003	8 mm (5/16")
	10 421 5004	10 mm (3/8")
	10 421 5005	13 mm (1/2")
	10 421 5006	16 mm (5/8")
	10 421 5152	R 1/4"
	10 421 5154	R 3/8"
	10 421 5155	R 1/2"
	10 421 5254	G 3/8"
	10 421 5255	G 1/2"
	10 421 5202	G 1/4"
	10 421 5204	G 3/8"
	10 421 5205	G 1/2"



Series 430 – Standard

A-A 59439 (former U.S. Standard MIL C 4109 3/8"), ISO 6150 B
FRANCE, NORTH AMERICA, NORWAY

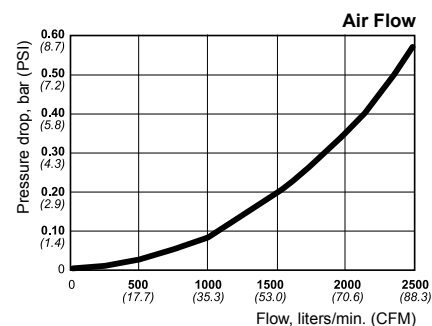
- **Small outside dimensions**
- **High flow capacity**
- **One-hand operation**

Series 430 couplings feature an easy-to-grip design and require only a low connection force. The Series offers a wide range of connections, as well as anti-hose whip nipples. The couplings have smaller outside dimensions than comparable designs.



Technical Data

Nominal flow dia.	8.2 mm (5/16")
Flow capacity	2350 l/min. (83.0 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	110.8 N
Interchangeable with	Parker 25F, Foster 4404, Hansen 4000



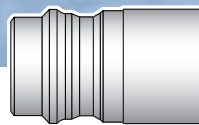
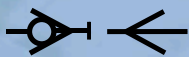
This series includes safety products.
For more information, see Page 6-7.

COUPLINGS	Part No.	Connection
	10 430 1003	8 mm (5/16")
	10 430 1004	10 mm (3/8")
	10 430 1005	13 mm (1/2")
	10 430 1006	16 mm (5/8")
	10 430 1007	19 mm (3/4")
	10 430 1154	R 3/8"
	10 430 1155	R 1/2"
	10 430 1157	R 3/4"
	10 430 1454	NPT 3/8"
	10 430 1455	NPT 1/2"
	10 430 1457	NPT 3/4"
	10 430 1204	G 3/8"
	10 430 1205	G 1/2"
	10 430 1207	G 3/4"
	10 430 1404	NPT 3/8"
	10 430 1405	NPT 1/2"
	10 430 1407	NPT 3/4"
	10 430 1066	11 x 16 mm

NIPPLES	Part No.	Connection
	10 430 5002	6.3 mm (1/4")
	10 430 5003	8 mm (5/16")
	10 430 5004	10 mm (3/8")
	10 430 5005	13 mm (1/2")
	10 430 5006	16 mm (5/8")
	10 430 5007	19 mm (3/4")
	10 430 5152	R 1/4"
	10 430 5154	R 3/8"
	10 430 5155	R 1/2"
	10 430 5157	R 3/4"
	10 430 5452	NPT 1/4"
	10 430 5454	NPT 3/8"
	10 430 5455	NPT 1/2"
	10 430 5457	NPT 3/4"
	10 430 5202	G 1/4"
	10 430 5204	G 3/8"
	10 430 5205	G 1/2"
	10 430 5207	G 3/4"
	10 430 5402	NPT 1/4"
	10 430 5404	NPT 3/8"
	10 430 5405	NPT 1/2"
	10 430 5407	NPT 3/4"
	10 430 5066	11 x 16 mm

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
	10 430 8005	13 mm (1/2")
	10 430 8007	19 mm (3/4")

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Series 442 – Safety Lock

CEJN ORIGINAL STANDARD

GLOBAL

- **Automatic safety-locking feature**
- **Extremely high flow capacity**
- **One-hand operation**

Series 442 couplings withstand extremely rough handling in extra tough applications. The Series features a zinc-plated steel/brass construction with a locking sleeve made of hardened zinc-plated steel. The Series offers a wide range of connections, as well as anti-hose whip nipples. The automatic safety-locking feature prevents unintentional disconnection.

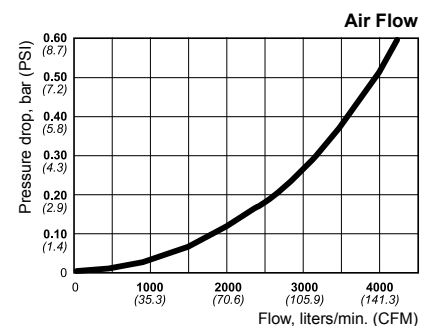
For an all-brass version (Series 441), see the CEJN Breathing Air Products Catalog.

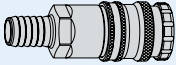
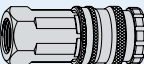
Technical Data

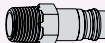
Nominal flow dia.	10.4 mm (13/32")
Flow capacity	3950 l/min. (139.5 CFM)
Max. working pressure	35 bar (508 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-30°C to +100°C (-22°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material	Hardened zinc-plated steel
Connection force	169.6 N

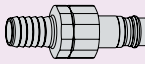


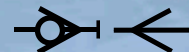
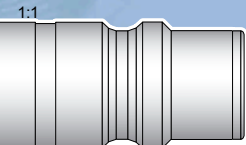
This series includes safety products.
For more information, see Page 6-7.



COUPLINGS	Part No.	Connection
 Hose connection	10 442 1003	8 mm (5/16")
	10 442 1004	10 mm (3/8")
	10 442 1005	13 mm (1/2")
	10 442 1006	16 mm (5/8")
	10 442 1007	19 mm (3/4")
 Male thread	10 442 1154	R 3/8"
	10 442 1155	R 1/2"
	10 442 1157	R 3/4"
	10 442 1454	NPT 3/8"
	10 442 1455	NPT 1/2"
	10 442 1457	NPT 3/4"
 Female thread	10 442 1204	G 3/8"
	10 442 1205	G 1/2"
	10 442 1207	G 3/4"
	10 442 1404	NPT 3/8"
	10 442 1405	NPT 1/2"
	10 442 1407	NPT 3/4"

NIPPLES	Part No.	Connection
 Hose connection	10 442 5005	13 mm (1/2")
	10 442 5006	16 mm (5/8")
	10 442 5007	19 mm (3/4")
 Male thread	10 442 5152	R 1/4"
	10 442 5154	R 3/8"
	10 442 5155	R 1/2"
	10 442 5157	R 3/4"
	10 442 5454	NPT 3/8"
	10 442 5455	NPT 1/2"
	10 442 5457	NPT 3/4"
 Female thread	10 442 5204	G 3/8"
	10 442 5205	G 1/2"
	10 442 5207	G 3/4"
	10 442 5404	NPT 3/8"
	10 442 5405	NPT 1/2"
	10 442 5407	NPT 3/4"

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
 Hose connection	10 442 8004	10 mm (3/8")
	10 442 8005	13 mm (1/2")
	10 442 8006	16 mm (5/8")
	10 442 8007	19 mm (3/4")



Series 550 – Standard & Vented Safety

A-A 59439 (former U.S. Standard MIL C 4109 1/2"), ISO 6150 B

FRANCE, NORTH AMERICA, NORWAY

- **Strong and durable**
- **Extremely easy to connect**
- **One-hand operation**

Series 550 couplings feature an easy-to-grip design and require only a low connection force. They are smaller and more compact and generate higher flows than comparable designs. Series 550 couplings have an extremely low noise level upon disconnection. The Series includes anti-hose whip nipples.

The Series 550 vented safety version is disconnected in two stages in order to vent the coupling and minimize the risk of sudden component separation, which has the potential to cause operator injury. Its unique, balanced-valve design makes it extremely easy to connect, regardless of system pressure. The safety version is also ideal for multiple connection points, such as manifold applications in which low connection force is required. It complies with ISO Standard 4414 and EN 983.



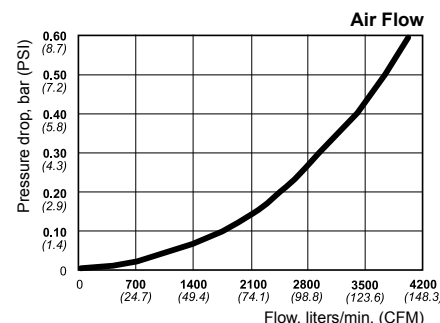
This series includes safety products.
For other safety products, see Page 71-78.



STANDARD

Technical Data

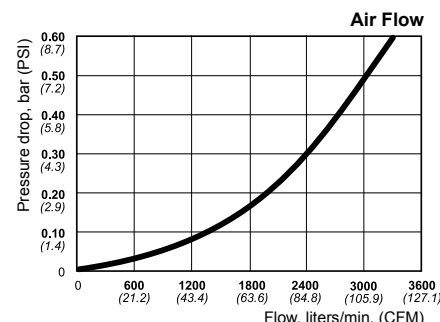
Nominal flow dia.....	11 mm (7/16")
Flow capacity.....	3750 l/min. (132.4 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	140 bar (2,030 PSI)
Temperature range	-20°C to +100°C (-4°F to +212°F)
Coupling material	Zinc-plated steel/brass
Nipple material.....	Hardened zinc-plated steel
Connection force.....	145.0 N
Interchangeable with.....	Parker 17, Prevost IRM11, Foster 5205, Hansen 5000



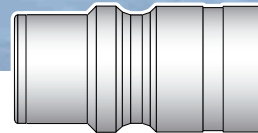
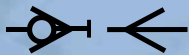
VENTED SAFETY

Technical Data

Nominal flow dia.....	11 mm (7/16")
Flow capacity.....	3000 l/min. (106.0 CFM)
Max. working pressure	16 bar (232 PSI)
Min. burst pressure	64 bar (928 PSI)
Temperature range	-20°C to +80°C (-4°F to +176°F)
Coupling material	Zinc-plated steel/brass
Connection force.....	68.6 N
Interchangeable with.....	Parker 17, Prevost IRM11, Foster 5205, Hansen 5000



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

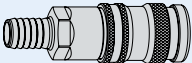


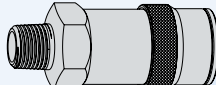
Series 550 – Standard & Vented Safety

A-A 59439 (former U.S. Standard MIL C 4109 1/2"), ISO 6150 B

This series includes safety products.
For more information, see Page 6-7.

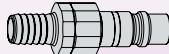


COUPLINGS	Part No.	Connection
	10 550 1004	10 mm (3/8")
	10 550 1005	13 mm (1/2")
	10 550 1007	19 mm (3/4")
	10 550 1154	R 3/8"
	10 550 1155	R 1/2"
	10 550 1157	R 3/4"
	10 550 1454	NPT 3/8"
	10 550 1455	NPT 1/2"
	10 550 1457	NPT 3/4"
	10 550 1204	G 3/8"
	10 550 1205	G 1/2"
	10 550 1207	G 3/4"
	10 550 1404	NPT 3/8"
	10 550 1405	NPT 1/2"
	10 550 1407	NPT 3/4"

VENTED SAFETY COUPLINGS	Part No.	Connection
	10 550 3155	R 1/2"
	10 550 3157	R 3/4"
	10 550 3454	NPT 3/8"
	10 550 3455	NPT 1/2"
	10 550 3457	NPT 3/4"
	10 550 3205	G 1/2"
	10 550 3207	G 3/4"
	10 550 3404	NPT 3/8"
	10 550 3405	NPT 1/2"
	10 550 3407	NPT 3/4"



NIPPLES	Part No.	Connection
	10 550 5004	10 mm (3/8")
	10 550 5005	13 mm (1/2")
	10 550 5007	19 mm (3/4")
	10 550 5152	R 1/4"
	10 550 5154	R 3/8"
	10 550 5155	R 1/2"
	10 550 5157	R 3/4"
	10 550 5452	NPT 1/4"
	10 550 5454	NPT 3/8"
	10 550 5455	NPT 1/2"
	10 550 5457	NPT 3/4"
	10 550 5204	G 3/8"
	10 550 5205	G 1/2"
	10 550 5404	NPT 3/8"
	10 550 5405	NPT 1/2"
	10 550 5407	NPT 3/4"

ANTI-HOSE WHIP NIPPLES	Part No.	Connection
	10 550 8005	13 mm (1/2")
	10 550 8007	19 mm (3/4")

Soft-Line Couplings



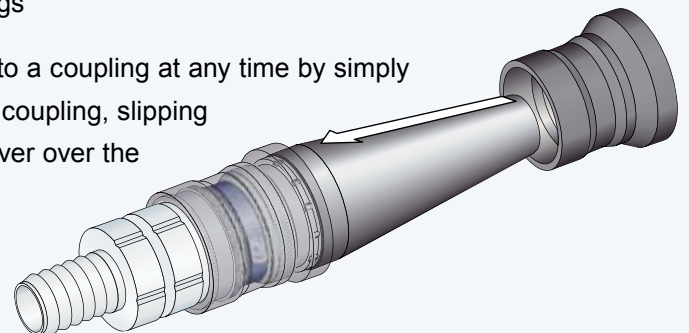
Soft-Line Coupling Covers Provide Application Protection

CEJN Soft-Line “softens” the edges of quick connect couplings, making them non-abrasive and less likely to cause damage to surrounding components and surfaces. They also protect couplings from impact, prolonging the service life of the couplings.

Soft-Line covers are available in two styles:

- **Integrated** – Permanently attached to couplings during the manufacturing process
- **Accessory** – Designed to be added onto couplings

The accessory-style cover can be attached easily to a coupling at any time by simply placing the assembly tool over the front end of the coupling, slipping the cover on the assembly tool, and moving the cover over the assembly tool and onto the coupling.



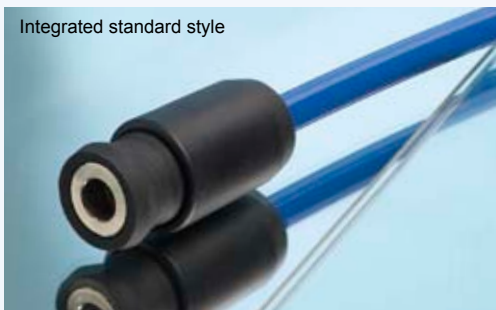
Accessory style



Integrated vented safety style with additional kink protector



Integrated standard style





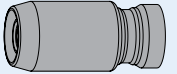
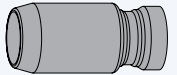
Soft-Line Couplings

INTEGRATED

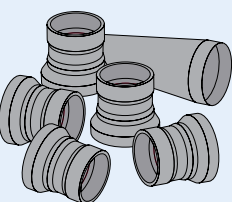
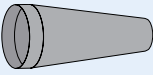
This series includes safety products.
For more information, see Page 6-7.



SERIES 300 (Page 10)	Part No.	Connection
Stream-Line, Vented Safety 	10 300 3080	6.5 x 10 mm
	10 300 3082	8 x 12 mm

SERIES 310 (Page 13)	Part No.	Connection
Stream-Line 	10 310 1083	6.5 x 10 mm
	10 310 1084	8 x 12 mm
Female thread 	10 310 1240	G 1/4"
	10 310 1241	G 3/8"
	10 310 1446	NPT 1/4"
	10 310 1447	NPT 3/8"
Stream-Line, Vented Safety 	10 310 3080	6.5 x 10 mm
	10 310 3082	8 x 12 mm
Female thread, Vented Safety 	10 310 3234	G 3/8"

SERIES 320 (Page 16)	Part No.	Connection
Hose connection 	10 320 1086	10 mm (3/8")
	10 320 1087	13 mm (1/2")
Stream-Line 	10 320 1089	6.5 x 10 mm
	10 320 1090	8 x 12 mm
Female thread 	10 320 1246	G 1/4"
	10 320 1247	G 3/8"
Stream-Line, Vented Safety 	10 320 3080	6.5 x 10 mm
	10 320 3082	8 x 12 mm
	10 320 3085	11 x 16 mm
Hose connection, Vented Safety 	10 320 3086	10 mm (3/8")
	10 320 3087	13 mm (1/2")
Female thread, Vented Safety 	10 320 3234	G 3/8"

ACCESSORIES	Hose Connection	Part No.
Accessory Covers 		19 900 7000
	Accessory-style covers are available in packages of 10, including an assembly tool and assembly instructions. They are compatible with all standard Series 300, 303, 310, 315, 320, and 342 couplings.	
Assembly tool 		19 900 7050
Kink protectors 	6.5 x 10.0	10 300 4010
	8.0 x 12.0	10 300 4012
Kink protectors can be used on all Stream-Line connections with the corresponding hose size. Kink protectors are sold separately and can be replaced during use with the cap nut on the Stream-Line connection.		

Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Aluminum Couplings

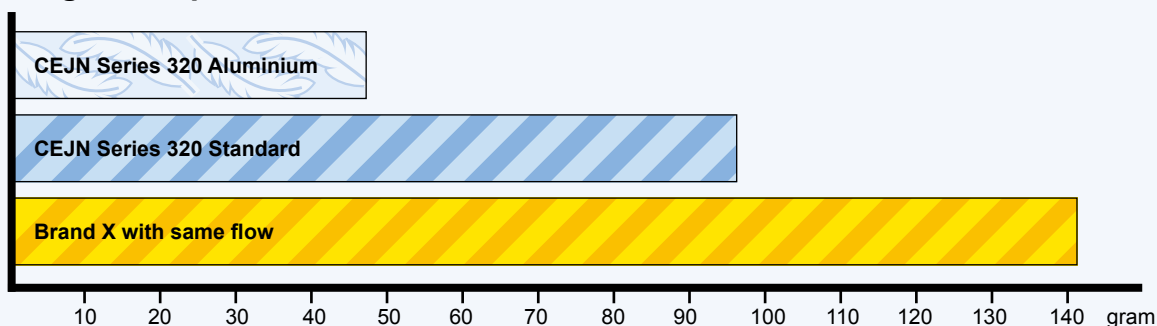
When Lightweight and Quality are the Heaviest Factors

Small or lightweight pneumatic tools call for couplings with the same characteristics. Standard brass couplings can weigh down otherwise lightweight tools. CEJN Series 320 aluminum couplings keep these tool assemblies as they are intended to be – light in weight.

Series 320 aluminum couplings are based on the proven success of CEJN's popular Series 320 brass couplings. They offer the same high-flow capacity and 16 bar (232 PSI) maximum pressure rating as standard Series 320 couplings, at only half the weight.

CEJN aluminum couplings weigh 50% less than standard CEJN Series 320 couplings, and up to 70% less than other traditional couplings on the market.

Weight Comparison



High-Performing Aluminum

Even though it's a lightweight material, aluminum is not light duty in terms of performance. Aluminum is approximately 68% lower in weight than brass, yet offers durability and long service life.

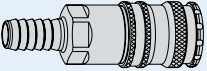
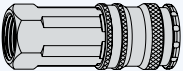
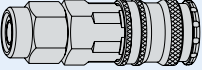
And since aluminum is a non-ferrous material, Series 320 aluminum couplings offer low magnetic interference and will not generate sparks.

Ergonomically Correct

Smaller and lower weight pneumatic tools are gaining increasing popularity as a means to prevent operator injuries and fatigue. They are also being used to increase the comfort level of operators when they are working in awkward positions or performing repetitive tasks. Series 320 aluminum couplings only marginally increase the total working weight of pneumatic tools.

Aluminum Couplings

GLOBAL

SERIES 320 (Page 16)	Part No.	Connection
Hose connection 	10 320 1932 10 320 1934 10 320 1935	6.3 mm (1/4") 10 mm (3/8") 13 mm (1/2")
Female thread 	10 320 1942 10 320 1972 10 320 1974	G 1/4" NPT 1/4" NPT 3/8"
Stream-Line connection 	10 320 1960 10 320 1962	6.5 x 10 mm 8 x 12 mm

Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Multi-Link System

Flexible Multiple Outlet System Saves Time and Space

The CEJN Multi-Link units consist of integrated couplings to provide multiple outlets at each distribution point.

It provides a neatly arranged system without the need for elbows, tees, unions, and nipples that can result in jumbled piping configurations. The system is ideal for compressed air supply points in both new applications and existing cluttered areas.

Combined with CEJNs quality hose and adapters the Multi-Link couplings create a flexible high performance air distribution system. Its easy-to-install features makes is a perfect choice to adapt and extend existing compressed air piping systems.





CEJN's Multi-Link System offers multiple connection alternatives and advantages:

Versatile – The Multi-Link System offers almost endless combination possibilities.

Units are offered with:

- ARO 210 Interchange couplings, vented safety (CEJN Series 300)
- A-A 59439 (former U.S. Standard MIL C 4109 1/4"), ISO 6150 B couplings, standard and vented safety (CEJN Series 310)
- Asian standard interchange couplings, standard (CEJN Series 315)
- Eurostandard 7.6 couplings, standard and vented safety (CEJN Series 320)

Flexible – The Multi-Link System can be supplied with compressed air from either end. The units come in 2- or 3-outlet versions. The units can easily be joined to create additional outlets at the same distribution point. Each outlet can be positioned at different angles independently (swivels 180°) for maximum flexibility.

Performance – The Multi-Link couplings offer the same high performance features that signify each CEJN coupling; high flow, low pressure drop and long service life. The internal design of the Multi-Link couplings ensures an unobstructed airflow to each outlet regardless of the position of the outlet. The Multi-Link couplings also minimize the likelihood of kinked hose.

Economical – The system's built-in couplings, combined with assembly and installation time that requires only minutes – not hours – make the Multi-Link system an economical air-distribution method.

Modular Air Distribution System

Today's competitive environment demands a lot from all manufacturing processes – top performance to secure quality and cost levels, flexibility to adjust to different kinds of customers and production volumes, and a safe and ergonomic working environment for skilled co-workers.

CEJN modular air distribution system delivers compressed air with no leakage and minimal pressure drop. Exact dimensioning and synchronized components, including couplings, hoses and FRL units secures top performance. The modular air distribution system also adds built-in flexibility, making it possible to adjust to new setups. The modular approach allows for an easy, low-cost way of adding new workspaces and changing the workflow.





Multi-Link Couplings

GLOBAL



*This series includes safety products.
For more information, see Page 6-7.*

Technical Data, Standard

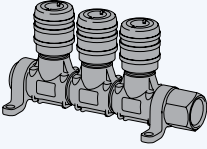
Max. working pressure 16 bar (230 PSI)
Temperature range -20°C to +100°C (-4°F to +212°F)
Material Zinc-plated steel/zinc

Technical Data, Vented Safety

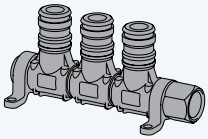
Max. working pressure up to 16 bar (230 PSI)*
Temperature range -20°C to +80°C (-4°F to +176°F)
Material Zinc-plated steel/zinc

*See each individual Series for exact specifications

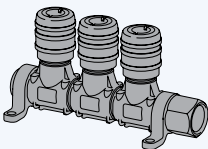
SERIES 300 (Page 10)	Part No.	Connection
2-outlet unit, Vented Safety	19 902 9962	G 1/2"
3-outlet unit, Vented Safety	19 902 9963	G 1/2"



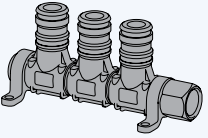
SERIES 310 (Page 13)	Part No.	Connection
2-outlet unit	19 902 9922	G 1/2"
3-outlet unit	19 902 9923	G 1/2"



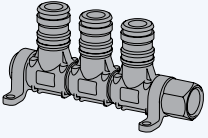
2-outlet unit, Vented Safety	19 902 9942	G 1/2"
3-outlet unit, Vented Safety	19 902 9943	G 1/2"



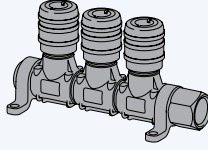
SERIES 315	Part No.	Connection
2-outlet unit	19 902 9972	G 1/2"
3-outlet unit	19 902 9973	G 1/2"



SERIES 320 (Page 16)	Part No.	Connection
2-outlet unit	19 902 9912	G 1/2"
3-outlet unit	19 902 9913	G 1/2"



2-outlet unit, Vented Safety	19 902 9932	G 1/2"
3-outlet unit, Vented Safety	19 902 9933	G 1/2"



ACCESSORIES	Part No.	Thread	Hose Connection
Fixed Hose Adapter	19 958 1615 19 958 1815	R 1/2" R 1/2"	11x16 mm 13x18 mm



HOSE	Part No.	Dimension	Length
Straight Braided Hose	19 958 1600 19 958 1638 19 958 1801	11x16 mm 11x16 mm 13x18 mm	100 m 50 m 50 m



Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Hose Kits



Pre-Assembled Hose and Coupling Combinations for Immediate Use

CEJN hose kits provide an easy, convenient means of obtaining just the right hose and coupling combinations for pneumatic applications.

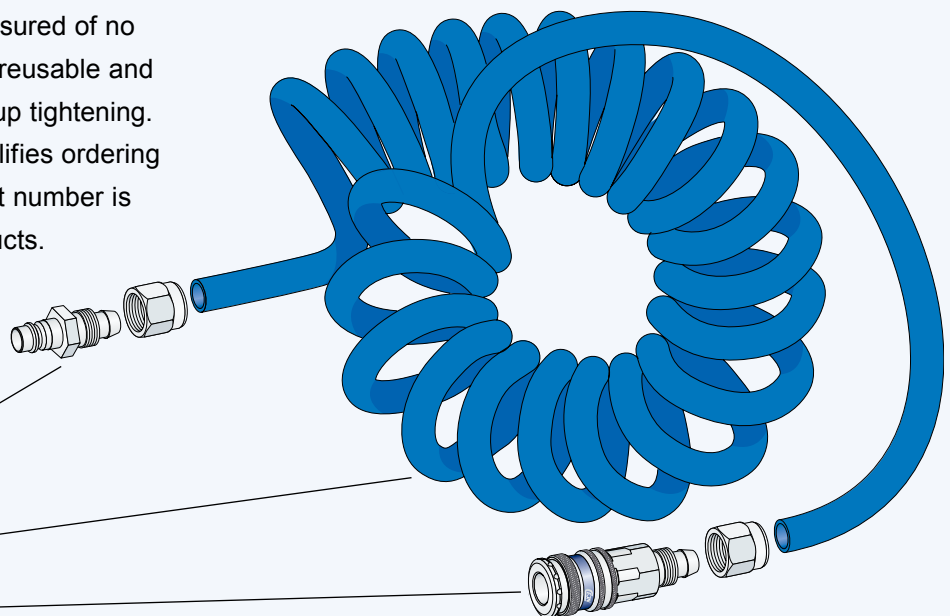
Each kit contains a CEJN polyurethane hose style, Stream-Line couplings, nipples, and swivels that provide reusable, leak-free hose connections.

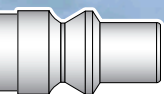
Each kit is ready for immediate use without the need for tools, and customers are ensured of no missing parts. Kit contents are reusable and air tight and won't need follow-up tightening. The hose kit concept also simplifies ordering procedures, since only one part number is required to order multiple products.

Stream-Line Nipple

Polyurethane Hose

Stream-Line Coupling





PUR Hose Kits – with Series 300

ARO 210 STANDARD

BENELUX, NORTH AMERICA, SWITZERLAND

Technical Data

Size (IDxOD mm) 5x8, 6.5x10, 8x12, 9.5x13.5, 11x16
Length..... From 2 to 15 m (from 6.5 to 49.3 ft)
Max. working pressure Spiral 10 bar (145 PSI), Straight 16 bar (232 PSI)
Hose..... Straight Braided or Spiral

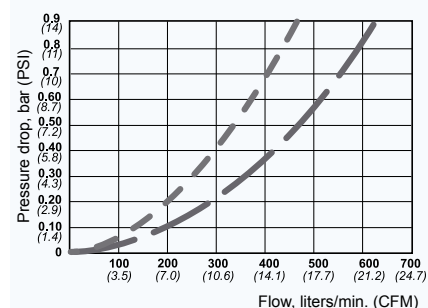
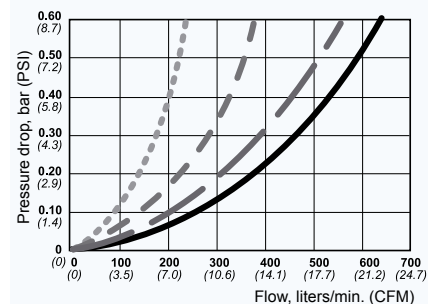
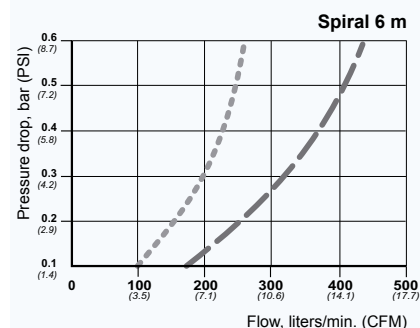
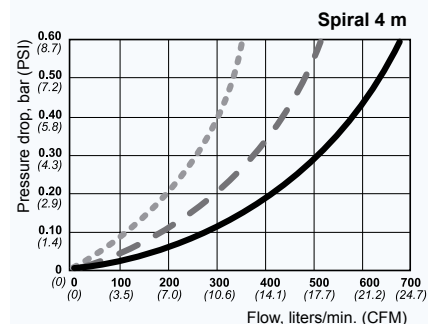
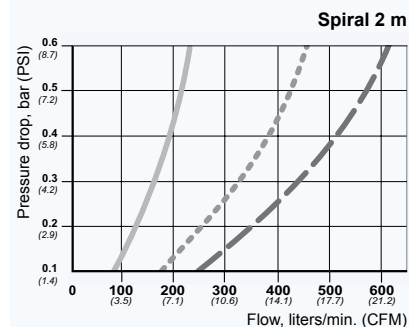


This series includes safety products.
 For more information, see Page 6-7.

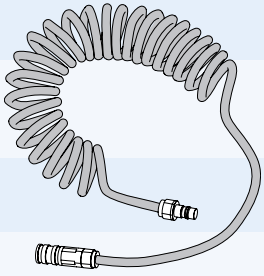
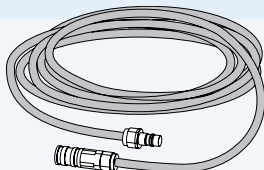


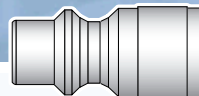
Air Flow

— Hose 5x8 mm
 - - - - - Hose 6.5x10 mm
 — Hose 8x12 mm
 - - - - - Hose 9.5x13.5 mm
 — Hose 11x16 mm



Choose the correct hose kit for your application at:
www.cejn.com/hosekitguide

SERIES 300	Service Length	ID x OD (mm)	Standard	Vented Safety
 Spiral	2 m	5 x 8	19 958 9977	-
		6.5 x 10	-	19 958 9739
		8 x 12	-	19 958 9330
	4 m	6.5 x 10	19 958 9948	19 958 9740
 Straight Braided		8 x 12	-	19 958 9712
		11 x 16	-	19 958 9345
	6 m	6.5 x 10	19 958 9952	19 958 9741
		8 x 12	-	19 958 9713
	8 m	6.5 x 10	-	19 958 9742
		8 x 12	-	19 958 9714
		11 x 16	-	19 958 9782
	10 m	8 x 12	19 958 9802	19 958 9704
		9.5 x 13.5	-	19 958 9335
	15 m	8 x 12	19 958 9842	19 958 9705
		9.5 x 13.5	-	19 958 9336



PUR Hose Kits – with Series 310

A-A 59439 (former U.S. Standard MIL C 4109 1/4"), ISO 6150 B

BENELUX, FRANCE, NORTH AMERICA, NORWAY, SWITZERLAND

Technical Data

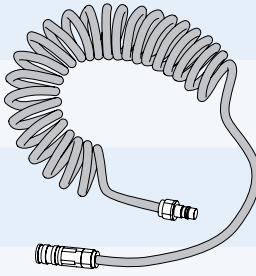
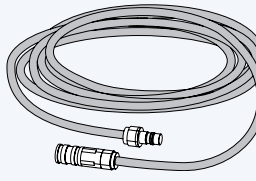
Size (IDxOD mm) 5x8, 6.5x10, 8x12, 9.5x13.5, 11x16
Length..... From 2 to 15 m (from 6.5 to 49.3 ft)
Max. working pressure Spiral 10 bar (145 PSI), Straight 16 bar (232 PSI)
Hose..... Straight Braided or Spiral



This series includes safety products.
 For more information, see Page 6-7.

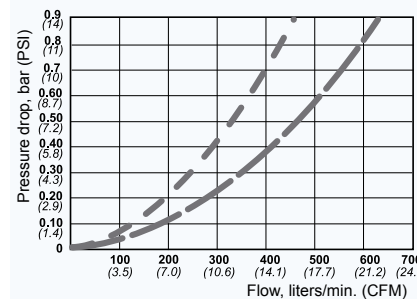
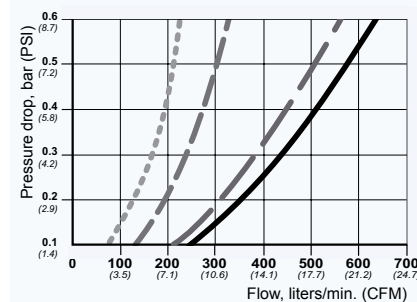
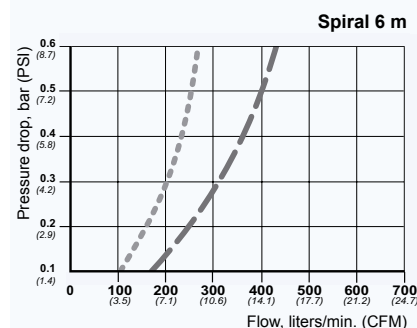
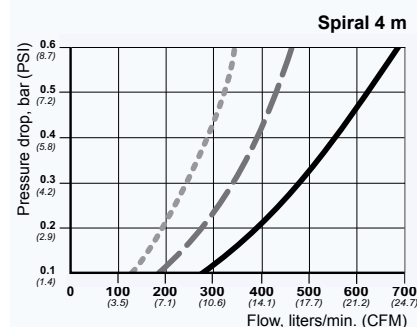
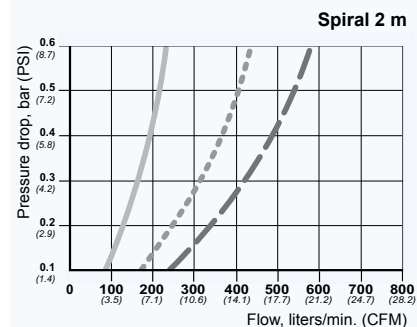


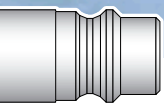
Choose the correct hose kit for your application at:
www.cejn.com/hosekitguide

SERIES 310	Service Length	ID x OD (mm)	Standard	Vented Safety
	2 m	5 x 8	19 958 9923	-
		6.5 x 10	19 958 9927	-
		8 x 12	19 958 9931	19 958 9331
	4 m	6.5 x 10	19 958 9928	-
		8 x 12	19 958 9932	19 958 9709
		11 x 16	19 958 9936	-
	6 m	6.5 x 10	19 958 9929	-
		8 x 12	19 958 9933	19 958 9710
		11 x 16	19 958 9938	-
	8 m	6.5 x 10	19 958 9930	-
		8 x 12	19 958 9934	19 958 9711
		11 x 16	19 958 9938	-
Straight Braided	10 m	8 x 12	19 958 9832	19 958 9701
		9.5 x 13.5	19 958 9837	-
	15 m	8 x 12	19 958 9833	19 958 9702
		9.5 x 13.5	19 958 9838	-

Air Flow

— Hose 5x8 mm
 - - - Hose 6.5x10 mm
 — Hose 8x12 mm
 — Hose 9.5x13.5 mm
 — Hose 11x16 mm





PUR Hose Kits – with Series 320

CEJN, EUROSTANDARD 7.6 (7.4)

GLOBAL

Technical Data

Size (IDxOD mm) 5x8, 6.5x10, 8x12, 9.5x13.5, 11x16
Length..... From 2 to 15 m (from 6.5 to 49.3 ft)
Max. working pressure Spiral 10 bar (145 PSI), Straight up to 16 bar (232 PSI)
Hose..... Straight Braided or Spiral

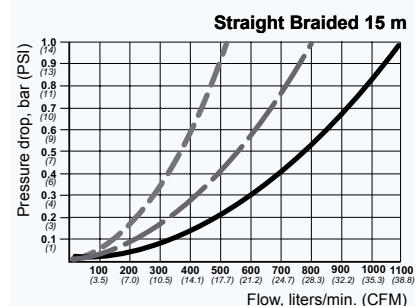
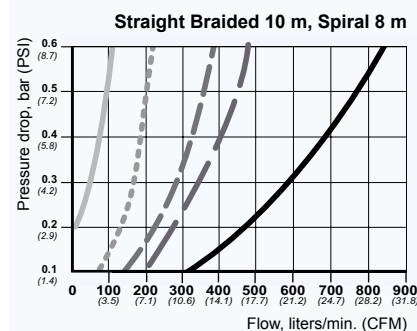
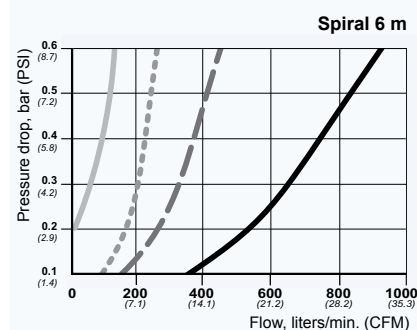
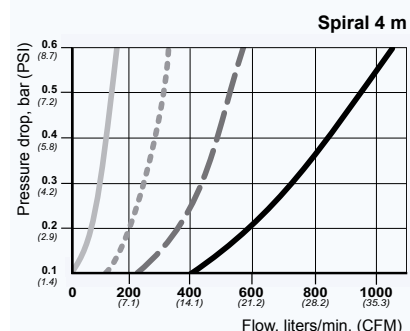
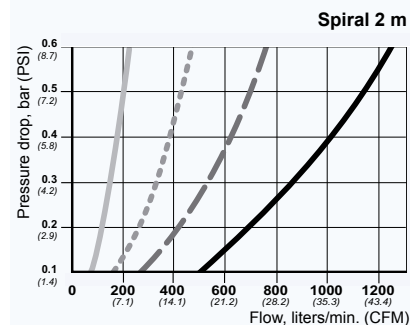


This series includes safety products.
 For more information, see Page 6-7.

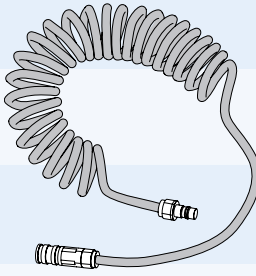
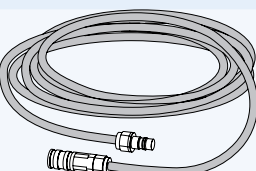


Air Flow

— Hose 5x8 mm
 - - - Hose 6.5x10 mm
 — Hose 8x12 mm
 — Hose 9.5x13.5 mm
 — Hose 11x16 mm



Choose the correct hose kit for your application at:
www.cejn.com/hosekitguide

SERIES 320	Service Length	ID x OD (mm)	Standard	Vented Safety
	2 m	5 x 8	19 958 9907	-
		6.5 x 10	19 958 9910	19 958 9763
		8 x 12	19 958 9914	19 958 9762
		11 x 16	19 958 9917	19 958 9767
	4 m	5 x 8	19 958 9903	-
		6.5 x 10	19 958 9904	19 958 9764
		8 x 12	19 958 9905	19 958 9706
		11 x 16	19 958 9906	19 958 9768
	6 m	5 x 8	19 958 9908	-
		6.5 x 10	19 958 9912	19 958 9765
		8 x 12	19 958 9915	19 958 9707
		11 x 16	19 958 9918	19 958 9769
	8 m	5 x 8	19 958 9909	-
		6.5 x 10	19 958 9913	19 958 9766
		8 x 12	19 958 9916	19 958 9708
		11 x 16	19 958 9919	19 958 9770
	10 m	8 x 12	19 958 9829	-
		9.5 x 13.5	19 958 9339	19 958 9341
		11 x 16	19 958 9737	19 958 9738
	15 m	8 x 12	19 958 9830	-
		9.5 x 13.5	19 958 9340	19 958 9342
		11 x 16	19 958 9748	-

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Check with an authorized CEJN distributor for availability and prices.

PUR Hose Kits – with Series 410

CEJN ORIGINAL STANDARD, EUROSTANDARD 10.4
GLOBAL

Technical Data

Size (IDxOD mm)	11x16, 13x18
Length	From 2 m to 15 m (from 6.5 ft to 49.3 ft)
Max. working pressure	Spiral 10 bar (145 PSI), Straight up to 10 bar (145 PSI)
Hose	Straight Braided or Spiral

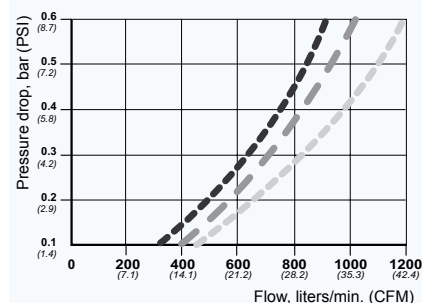
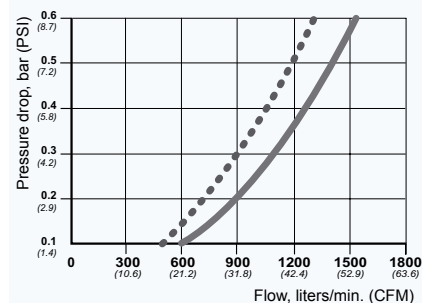


This series includes safety products.
For more information, see Page 6-7.

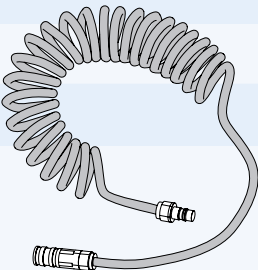
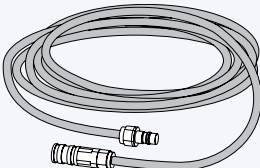


Air Flow

	Hose 2 m 11x16 mm
	Hose 4 m 11x16 mm
	Hose 6 m 11x16 mm
	Hose 8 m 11x16 mm
	Hose 10 m 13x18 mm
	Hose 15 m 13x18 mm



Choose the correct hose kit for your application at:
www.cejn.com/hosekitguide

SERIES 410	Service Length	ID x OD (mm)	Standard	Vented Safety	
	Spiral	2 m	11x16	-	19 958 9485
		4 m	11x16	-	19 958 9486
		6 m	11x16	-	19 958 9487
		8 m	11x16	-	19 958 9488
	Straight Braided	10 m	13x18	-	19 958 9347
		15 m	13x18	-	19 958 9348



Antistatic Hose Kits

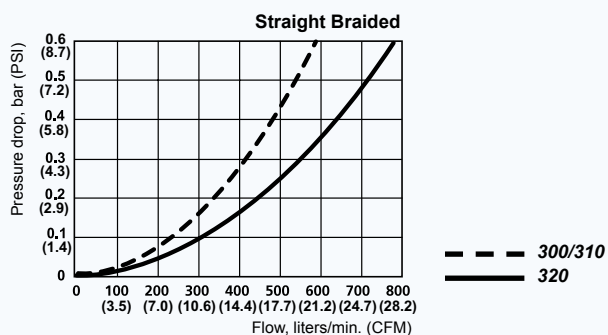
- *Combined with couplings and nipples*
- *Flexible EPDM rubber hose that dissipates electro-static discharge*
- *Pre-assembled and ready to use*

CEJN Antistatic Hose Kits come pre-assembled and ready for immediate use. They consist of an extremely flexible, straight-braided EPDM rubber hose combined with couplings and nipples. The kits are designed for applications in which media causes excessive static charge or where a static discharge has the potential to cause explosion or damage.

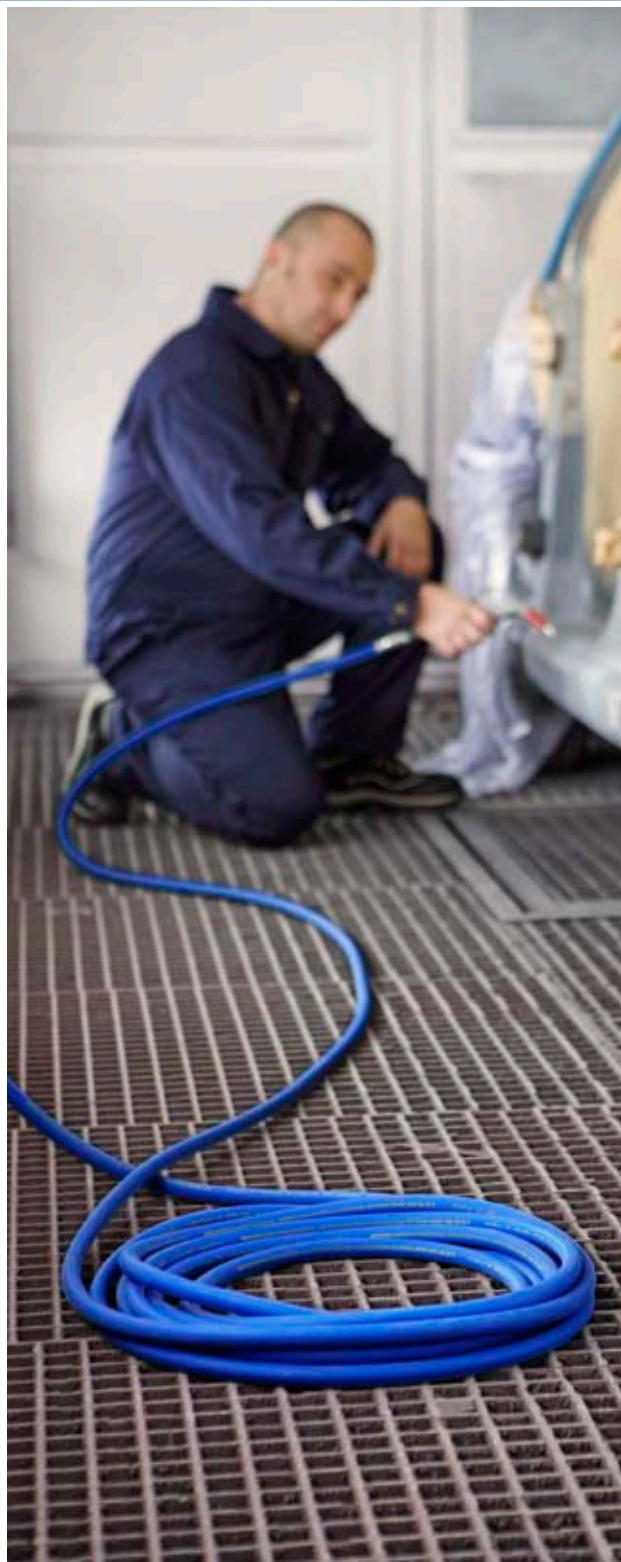
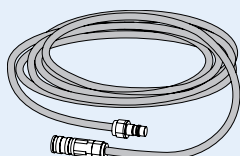


Technical Data

Size (IDxOD mm) 10 X 17,5
Length..... 10 m (32.5 ft)
Max. working pressure 12 bar (170 PSI)
Hose..... Straight braided



SERIES	Service Length	ID x OD (mm)	Part No.
SERIES 320	10 m	10 x 17,5	19 900 9923
SERIES 310	10 m	10 x 17,5	19 900 9931
SERIES 300	10 m	10 x 17,5	19 900 9804



Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Check with an authorized CEJN distributor for availability and prices.

Complete Spiral Hose Kits

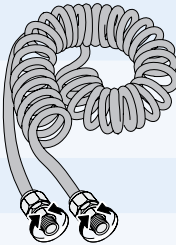
COUPLINGS, NIPPLES, AND ACCESSORIES

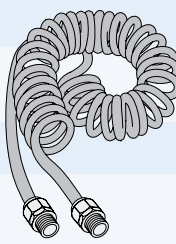
Connection 1: Short End

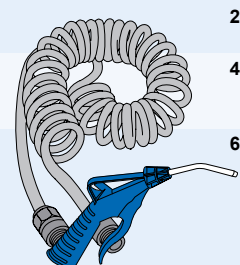
Connection 2: Long End

*This series includes safety products.
For more information, see Page 6-7.*



SWIVEL & THREADED		Size ID x OD	Connection 1	Connection 2	Part No.
	2 m	5 x 8 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9978
		6.5 x 10 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9947
		8 x 12 mm	R 3/8" swiveling	R 3/8" swiveling	19 958 9997
	4 m	5 x 8 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9965
		6.5 x 10 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9949
		8 x 12 mm	R 3/8" swiveling	R 3/8" swiveling	19 958 9967
		11 x 16 mm	R 1/2" swiveling	R 1/2" swiveling	19 958 9810
	6 m	6.5 x 10 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9954
		8 x 12 mm	R 3/8" swiveling	R 3/8" swiveling	19 958 9998
	8 m	6.5 x 10 mm	R 1/4" swiveling	R 1/4" swiveling	19 958 9957
		8 x 12 mm	R 3/8" swiveling	R 3/8" swiveling	19 958 9809
		11 x 16 mm	R 1/2" swiveling	R 1/2" swiveling	19 958 9346

FIXED & THREADED		Size ID x OD	Connection 1	Connection 2	Part No.
	2 m	5 x 8 mm	R 1/4"	R 1/4"	19 958 9325
		6.5 x 10 mm	R 1/4"	R 1/4"	19 958 9987
	4 m	6.5 x 10 mm	R 1/4"	R 1/4"	19 958 9988
		8 x 12 mm	R 3/8"	R 3/8"	19 958 9805
		11 x 16 mm	R 1/2"	R 1/2"	19 958 9885
	6 m	6.5 x 10 mm	R 1/4"	R 1/4"	19 958 9955
		8 x 12 mm	R 3/8"	R 3/8"	19 958 9804
	8 m	8 x 12 mm	R 3/8"	R 3/8"	19 958 9801
		11 x 16 mm	R 1/2"	R 1/2"	19 958 9862

HOSE KITS WITH BLOWGUN		Size ID x OD	Connection 1	Connection 2	Blowgun	Description	Part No.
	2 m	5 x 8 mm	320 nipple	320 coupling	208 Star-Tip	Removable tube + Assembled nipple	19 958 9326
		6.5 x 10 mm	320 nipple	320 coupling	208 Std	Fixed tube + Assembled nipple	19 958 9327
	4 m	6.5 x 10 mm	320 nipple	320 coupling	208 Star-Tip	Removable tube + Assembled nipple	19 958 9328
		8 x 12 mm	320 nipple	320 coupling	208 Std	Fixed tube + Assembled nipple	19 958 9332
		8 x 12 mm	310 nipple	310 coupling	208 Std	Fixed tube + Assembled nipple	19 958 9333
	6 m	6.5 x 10 mm	300 nipple	300 coupling	208 Star-Tip	Removable tube + Assembled nipple	19 958 9329
		8 x 12	320 nipple	320 coupling	208 Std	Fixed tube + Assembled nipple	19 958 9334

Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.



Hose



When Lightweight and Extreme Flexibility are Tooling Requirements

An extensive hose range, combined with a wide range of couplings, nipples, and adapters, makes CEJN a one-stop source for pneumatic hose assemblies.

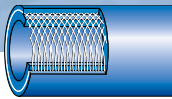
The CEJN hose family offers several styles of polyurethane (PUR) hose, including straight braided, straight non-braided, and spiral non-braided, for specific application requirements.

CEJN PUR hose styles are lightweight and extremely flexible and have excellent recoil ability, making them a perfect mate for small and lightweight pneumatic tools.

They are abrasion resistant and score high marks in impact strength and tensile and tear strength.

The long service life and outstanding aging qualities of CEJN PUR hose styles make hose replacements uncommon. In fact, CEJN PUR hose remains flexible after extensive use and outlasts conventional PVC hose up to 10 times.





Straight Hose

BRAIDED

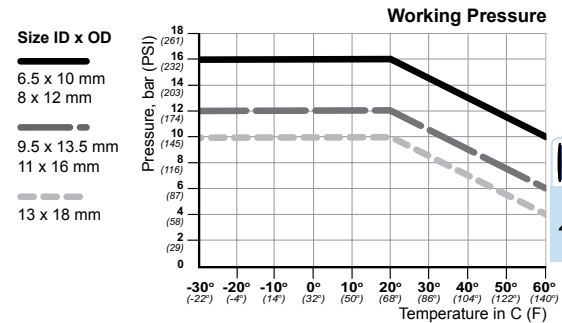
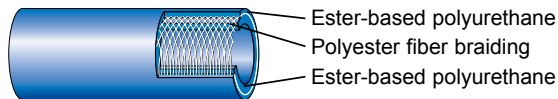
- **Light and flexible**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN straight braided hose is an excellent choice for applications requiring a maximum working pressure up to 16 bar (232 PSI). It offers a wide temperature range and high tensile, tear, and impact strength. The hose easily springs back to its original form and has excellent abrasion resistance.



Technical Data

Size (IDxOD mm) 6.5x10, 8x12, 9.5x13.5, 11x16, 13x18
Max. working pressure Up to 16 bar (232 PSI)
Material Ester-based polyurethane reinforced with polyester fiber



HOSE, ID X OD (mm)	Part No.	Length (m)*	Working Pressure (20°C, 68°F)	Burst Pressure (20°C, 68°F)
6.5 x 10	19 958 1000	100	16 bar / 232 PSI	64 bar / 928 PSI
	19 958 1020	50	16 bar / 232 PSI	64 bar / 928 PSI
8 x 12	19 958 1200	100	16 bar / 232 PSI	64 bar / 928 PSI
	19 958 1220	50	16 bar / 232 PSI	64 bar / 928 PSI
9.5 x 13.5	19 958 1350	100	12 bar / 174 PSI	48 bar / 696 PSI
	19 958 1370	50	12 bar / 174 PSI	48 bar / 696 PSI
11 x 16	19 958 1600	100	12 bar / 174 PSI	48 bar / 696 PSI
	19 958 1638	50	12 bar / 174 PSI	48 bar / 696 PSI
13 x 18	19 958 1801	50	10 bar / 145 PSI	40 bar / 580 PSI

*Sold in precut lengths, as specified in the Length column above.

Straight Hose

NON-BRAIDED

- **Suitable for push-to-connect fittings**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN non-braided hose is an excellent choice for applications requiring a maximum working pressure up to 10 bar (145 PSI). It is light and flexible and offers high tensile, tear, and impact strength. The hose easily springs back to its original form.

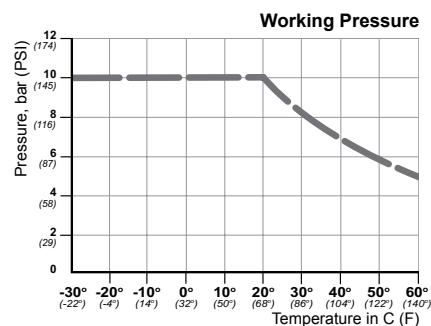


Technical Data

Size (IDxOD mm) 4x6, 5x8, 6.5x10, 8x12, 11x16
Max. working pressure 10 bar (145 PSI)
Material FDA approved, Ester-based polyurethane

Size ID x OD

4 x 6 mm
 5 x 8 mm
 6.5 x 10 mm
 8 x 12 mm
 11 x 16 mm

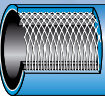


HOSE, ID X OD (mm)	Part No.	Length (m)*	Working Pressure (20°C, 68°F)	Burst Pressure (20°C, 68°F)
4 x 6	19 958 0702	50	10 bar / 145 PSI	25 bar / 362 PSI
5 x 8	19 958 0802	50	10 bar / 145 PSI	25 bar / 362 PSI
6.5 x 10	19 958 1002	50	10 bar / 145 PSI	25 bar / 362 PSI
8 x 12	19 958 1202	50	10 bar / 145 PSI	25 bar / 362 PSI
11 x 16	19 958 1602	50	10 bar / 145 PSI	25 bar / 362 PSI

*Sold in precut lengths, as specified in the Length column above.

Check with an authorized CEJN distributor for availability and prices.





Antistatic Hose

STRAIGHT BRAIDED

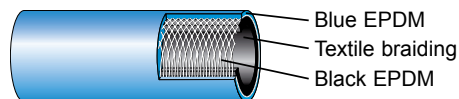
- **Dissipates electro-static discharge**
- **Excellent weather resistance**
- **Extreme flexibility**

The electrically conductive hose is made of braided EPDM Rubber that dissipates electro-static discharge and minimizes errant sparks. It is an excellent choice for applications in which media causes excessive static charge or where a static discharge has the potential to cause explosion or damage. The hose offers extreme flexibility in all weather and has a protective cover that stands up well to the elements.



Technical Data

Size (IDxOD mm) 8x15, 10x17.5, 12x19.5
Max. working pressure 12 bar (170 PSI)
Material Braided EPDM Rubber

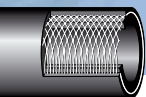


HOSE, ID X OD (mm)	Part No.	Length (m)*	Working Pressure (20°C, 68°F)	Burst Pressure (20°C, 68°F)
8 x 15	19 900 9920	40	12 bar / 170 PSI	48 bar / 696 PSI
10 x 17.5	19 900 9918	40	12 bar / 170 PSI	48 bar / 696 PSI
12 x 19.5	19 900 9921	40	12 bar / 170 PSI	48 bar / 696 PSI

*Sold in precut lengths, as specified in the Length column above.

Check with an authorized CEJN distributor for availability and prices.





Anti-Spark Hose

STRAIGHT BRAIDED

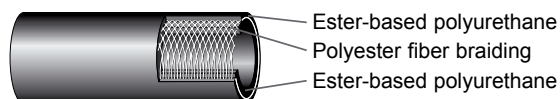
- **Spark and scorch resistant**
- **Excellent resistance to oils, solvents, and other non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN anti-spark hose is resistant to scorching and damage due to exposure to sparks that are present in welding environments or where cutting equipment is in use. The hose offers outstanding aging qualities and long duty. It is light and flexible and has high impact strength, as well as high tensile and tear strength. The hose easily springs back to its original form.

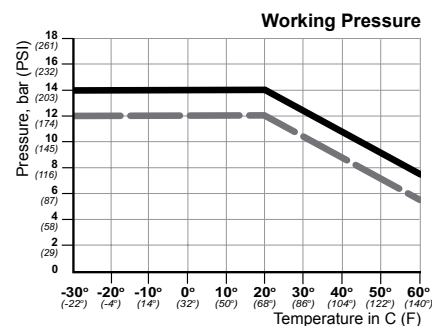


Technical Data

Size (IDxOD mm) 8x12, 9.5x13.5, 11x16
Max. working pressure Up to 14 bar (203 PSI)
Material Ester-based polyurethane reinforced with polyester fiber



Size ID x OD
 8 x 12 mm
 9.5 x 13.5 mm
 11 x 16 mm

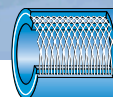


HOSE, ID X OD (mm)	Part No.	Length (m)*	Working Pressure (20°C, 68°F)	Burst Pressure (20°C, 68°F)
8 x 12	19 958 1230	50	14 bar / 203 PSI	56 bar / 812 PSI
9.5 x 13.5	19 958 1330	50	12 bar / 174 PSI	48 bar / 696 PSI
11 x 16	19 958 1637	50	12 bar / 174 PSI	48 bar / 696 PSI

*Sold in precut lengths, as specified in the Length column above.

Check with an authorized CEJN distributor for availability and prices.





Water Hose

STRAIGHT BRAIDED

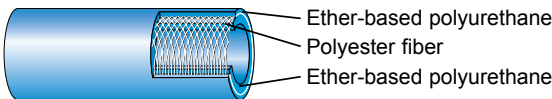
- **Light and flexible**
- **Excellent resistance to oils, solvents, and both aqueous and non-aqueous solutions**
- **Long service life with outstanding aging qualities**

CEJN water hose is also an excellent choice for compressed air in damp and wet environments. It has high impact strength and is functional in a wide temperature range. The hose easily springs back to its original form and has excellent abrasion resistance.

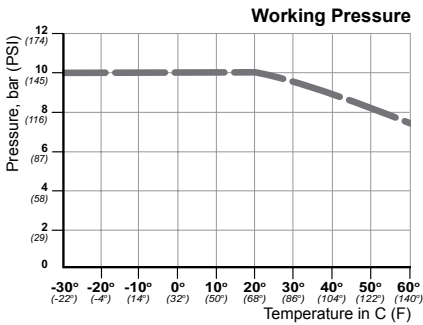


Technical Data

Size (IDxOD mm) 11x16
Max. working pressure 10 bar (145 PSI)
Material Ether-based polyurethane reinforced with polyester fiber



Size ID x OD
8 x 12. mm
11 x 16 mm



HOSE, ID X OD (mm)	Part No.	Length (m)*	Working Pressure (20°C, 68°F)	Burst Pressure (20°C, 68°F)
11 x 16	19 958 1640	50	10 bar / 145 PSI	40 bar / 580 PSI

*Sold in precut lengths, as specified in the Length column above.

Check with an authorized CEJN distributor for availability and prices.

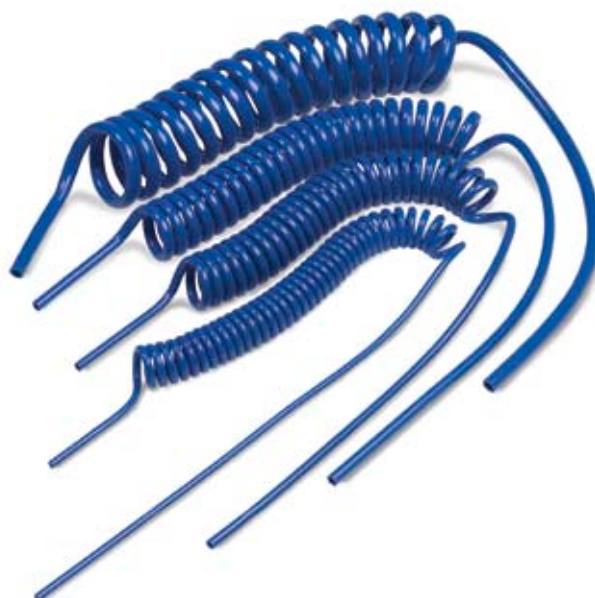


Spiral Hose

NON-BRAIDED

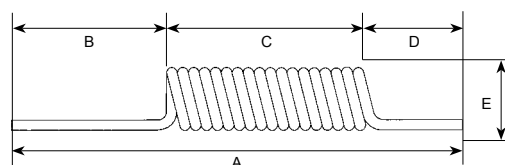
- *Light and flexible*
- *Excellent resistance to oils, solvents, and other non-aqueous solutions*
- *Long service life with outstanding aging qualities*

CEJN spiral hose is an excellent choice for applications that call for hose to have excellent recoil ability and crimp resistance. It offers high tensile and tear strength and resistance to impacts. The hose is abrasion resistant and is suitable for applications in a wide temperature range.

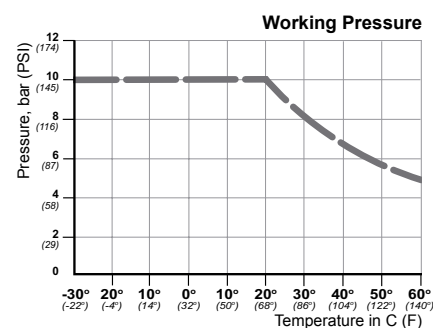


Technical Data

Size (IDxOD mm) 5x8, 6.5x10, 8x12, 11x16
Max. working pressure 10 bar (145 PSI)
Min. burst pressure 25 bar (362 PSI)
Material FDA approved, Ester-based polyurethane



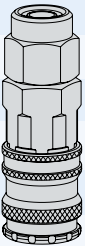
Size ID x OD
 5 x 8 mm
 6.5 x 10 mm
 8 x 12 mm
 11 x 16 mm

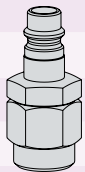


HOSE	Part No.	Size ID x OD (mm)	Service Length (m)	Total Length (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Working Pressure (20°C, 68°F)
2 meter	19 958 5820	5 x 8	2.0	2.5	740	500	140	100	42	10 bar / 145 PSI
	19 958 6020	6.5 x 10	2.0	2.5	740	500	140	100	52	10 bar / 145 PSI
	19 958 6220	8 x 12	2.0	2.5	740	500	140	100	65	10 bar / 145 PSI
	19 958 6620	11 x 16	2.0	2.5	720	500	120	100	95	10 bar / 145 PSI
4 meter	19 958 5840	5 x 8	4.0	5.0	930	500	330	100	42	10 bar / 145 PSI
	19 958 6040	6.5 x 10	4.0	5.0	930	500	330	100	52	10 bar / 145 PSI
	19 958 6240	8 x 12	4.0	5.0	920	500	320	100	65	10 bar / 145 PSI
	19 958 6640	11 x 16	4.0	5.0	880	500	280	100	95	10 bar / 145 PSI
6 meter	19 958 5860	5 x 8	6.0	7.5	1120	500	520	100	42	10 bar / 145 PSI
	19 958 6060	6.5 x 10	6.0	7.5	1120	500	520	100	52	10 bar / 145 PSI
	19 958 6260	8 x 12	6.0	7.5	1100	500	500	100	65	10 bar / 145 PSI
	19 958 6660	11 x 16	6.0	7.5	1040	500	440	100	95	10 bar / 145 PSI
8 meter	19 958 5880	5 x 8	8.0	10.0	1300	500	700	100	42	10 bar / 145 PSI
	19 958 6080	6.5 x 10	8.0	10.0	1310	500	710	100	52	10 bar / 145 PSI
	19 958 6280	8 x 12	8.0	10.0	1280	500	680	100	65	10 bar / 145 PSI
	19 958 6680	11 x 16	8.0	10.0	1210	500	610	100	95	10 bar / 145 PSI

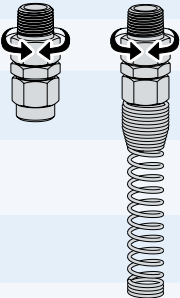
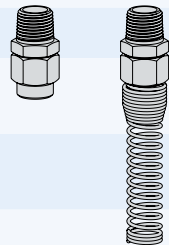
Stream-Line Connections

COUPLINGS, NIPPLES, AND ADAPTERS

COUPLINGS	Hose ID x OD (mm)	Series 300	Series 303	Series 310	Series 315	Series 320	Series 408	Series 410	Series 430
	5 x 8	10 300 1058	10 303 1058	10 310 1058	10 315 1058	10 320 1058	-	-	-
	6.5 x 10	10 300 1060	10 303 1060	10 310 1060	10 315 1060	10 320 1060	-	-	-
	8 x 12	10 300 1062	10 303 1062	10 310 1062	10 315 1062	10 320 1062	-	-	-
	9.5 x 13.5	10 300 1063	10 303 1063	10 310 1063	-	10 320 1063	-	-	-
	11 x 16	10 300 1066	10 303 1066	10 310 1066	10 315 1066	10 320 1066	10 408 1066	10 410 1066	10 430 1066
	13 x 18	-	-	-	-	-	-	10 410 1068	-

NIPPLES	Hose ID x OD (mm)	Series 300	Series 303	Series 310	Series 315	Series 320	Series 408	Series 410	Series 430
	5 x 8	10 300 5058	10 303 5058	10 310 5058	10 315 5058	10 320 5058	-	-	-
	6.5 x 10	10 300 5060	10 303 5060	10 310 5060	10 315 5060	10 320 5060	-	-	-
	8 x 12	10 300 5062	10 303 5062	10 310 5062	10 315 5062	10 320 5062	-	-	-
	9.5 x 13.5	10 300 5063	10 303 5063	10 310 5063	-	10 320 5063	-	-	-
	11 x 16	10 300 5066	10 303 5066	10 310 5066	10 315 5066	10 320 5066	10 408 5066	10 410 5066	10 430 5066
	13 x 18	-	-	-	-	-	-	10 410 5068	-

KINK PROTECTORS for couplings and nipples				Hose Connection	Part No.
		Kink protectors can be used on all Stream-Line couplings and nipples with the corresponding hose size. Kink protectors are sold separately and can be replaced during use with the cap nut on the Stream-Line connection.		6.5 x 10	10 300 4010
				8 x 12	10 300 4012

ADAPTERS	Hose ID x OD (mm)	Male Thread	R Thread	R Thread with Kink Protector	NPT Thread	NPT Thread with Kink Protector
Swivel 	5 x 8	1/4"	19 958 0877	19 958 0876	19 958 0892	19 958 0891
	6.5 x 10	1/4"	19 958 1077	19 958 1076	19 958 1092	19 958 1091
	8 x 12	1/4" 3/8"	19 958 1277 19 958 1279	19 958 1276 19 958 1278	19 958 1292 19 958 1294	19 958 1291 19 958 1293
	9.5 x 13.5	1/4" 3/8"	19 958 1377 19 958 1379	19 958 1376 19 958 1378	19 958 1392 19 958 1394	19 958 1391 19 958 1393
	11 x 16	1/2"	19 958 1687	19 958 1686	19 958 1695	19 958 1694
Fixed 	5 x 8	1/4"	19 958 0812	19 958 0813	19 958 0842	19 958 0843
	6.5 x 10	1/4"	19 958 1012	19 958 1013	19 958 1042	19 958 1043
	8 x 12	1/4" 3/8"	19 958 1212 19 958 1214	19 958 1213 19 958 1215	19 958 1242 19 958 1244	19 958 1243 19 958 1246
	9.5 x 13.5	1/4" 3/8"	19 958 1312 19 958 1314	19 958 1313 19 958 1315	19 958 1342 19 958 1344	19 958 1343 19 958 1345
	11 x 16	1/2"	19 958 1615	19 958 1616	19 958 1645	19 958 1646
	13 x 18	1/2"	19 958 1815	-	-	-

Thread connections are listed according to ISO Standards (see Page 82 for more information). Check with an authorized CEJN distributor for availability and prices.



Hose and Cable Reels

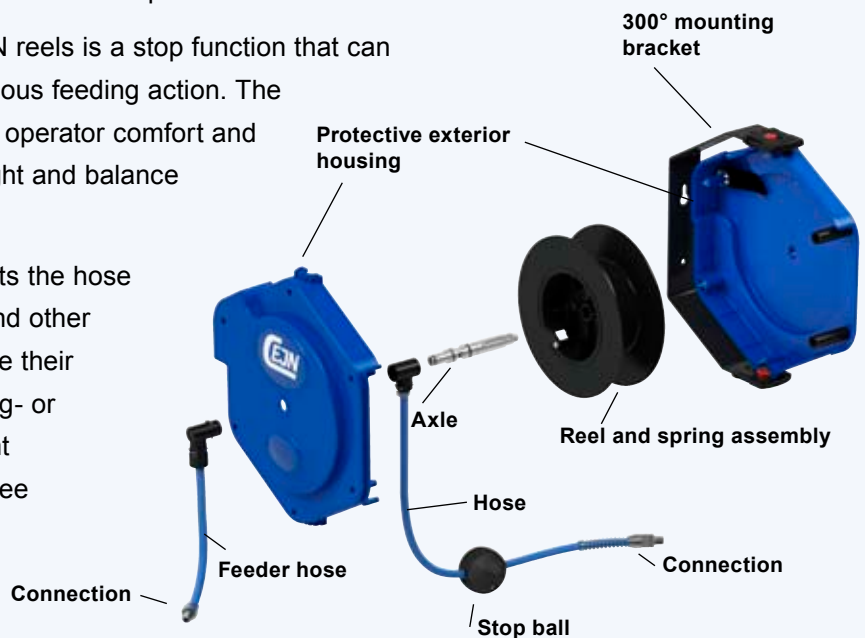
Hose & Cable Reels for Safe, Efficient Workplaces

CEJN high-quality hose and cable reels contain an ample length of CEJN polyurethane hose or rubber cable that is neatly wound into place.

The lightweight design of polyurethane hose makes CEJN hose reels easy to maneuver. The smooth outer layer of the hose ensures flawless feeding action without tangles. Polyurethane hose offers a high rate of flow and outstanding resistance to oils, solvents, and other non-aqueous solutions.

Among special features of CEJN reels is a stop function that can be disengaged, allowing continuous feeding action. The spring force can be adjusted for operator comfort and to compensate for different weight and balance requirements.

A sturdy exterior housing protects the hose and reel mechanism from dirt and other debris that could alter or damage their function. The reels can be ceiling- or wall-mounted with no adjustment required and offer full, 300-degree movement.



Compressed Air

HOSE REELS

- **High flow capacity**
- **Low pressure drop**
- **Strong and durable**

CEJN compressed air hose reels feature high-quality, oil-resistant polyurethane hose and are supplied with a feeder hose as standard equipment. The Series is available in several casing sizes and hose dimensions, as well as with CEJN non-braided anti-spark hose.



CE marked in compliance with 2006/42/EC

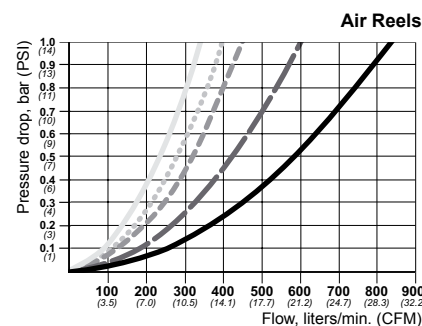
Technical Data

Hose size (IDxOD mm)	6.5x10, 8x12, 9.5x13.5, 11x16
Hose	Braided PUR
Reel diameter	330 mm, 430 mm
Feeder hose length	2 m (6.5 ft)
Max. working pressure	Up to 16 bar (232 PSI)
Temperature range	-20°C to +60°C (-4°F to +140°F)



This series includes safety products.
For more information, see Page 6-7.

19 911 501X
19 911 510X
19 911 10X0
19 911 512X
19 911 502X
19 911 513X



COMPRESSED AIR		Part No.	Size ID x OD (mm)	Connection (male)	Diameter (mm)	Weight (kg)	Working Pressure (20°C, 68°F)
	7 m	19 911 5020	8 x 12	R 1/4"	330	3.9	16 bar / 232 PSI
		19 911 5021	8 x 12	NPT 1/4"	330	3.9	16 bar / 232 PSI
	9 meter	19 911 5010	6.5 x 10	R 1/4"	330	3.9	16 bar / 232 PSI
		19 911 5011	6.5 x 10	NPT 1/4"	330	3.9	16 bar / 232 PSI
	10 m	19 911 1000	8 x 12	R 1/4"	390	5.5	16 bar / 232 PSI
		19 911 1050	8 x 12	NPT 1/4"	390	5.5	16 bar / 232 PSI
	10 m	19 911 5130	11.0 x 16.0	R 1/2"	430	6.6	12 bar / 174 PSI
		19 911 5131	11.0 x 16.0	NPT 1/2"	430	6.6	12 bar / 174 PSI
	14 m	19 911 5120	9.5 x 13.5	R 1/4"	430	6.3	12 bar / 174 PSI
		19 911 5121	9.5 x 13.5	NPT 1/4"	430	6.3	12 bar / 174 PSI
	16 m	19 911 5100	8 x 12	R 1/4"	430	6.3	16 bar / 232 PSI
		19 911 5101	8 x 12	NPT 1/4"	430	6.3	16 bar / 232 PSI
	ANTI-SPARK						
	14 m	19 911 5125	9.5 x 13.5	R 1/4"	430	6.3	12 bar / 174 PSI
		19 911 5126	9.5 x 13.5	NPT 1/4"	430	6.3	12 bar / 174 PSI

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Water

HOSE REELS

- **Suitable for damp or wet environments**
- **Compatible with water-based fluids, such as acetylene glycol**
- **Strong and durable**

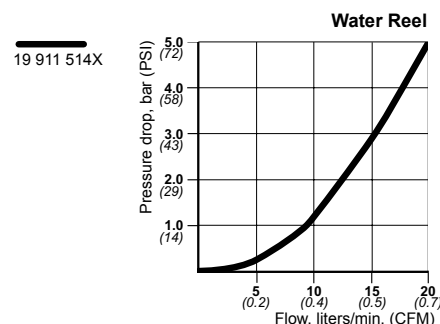
CEJN water hose reels are ideal for wash-down applications, fluid-filling stations, and personnel rinse areas. They are also an excellent choice for compressed air in damp and wet environments. When used exclusively for water, the green color of the hose makes it distinguishable from CEJN compressed air hose reels. A feeder hose is included.



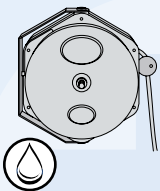
CE marked in compliance with 2006/42/EC

Technical Data

Hose size (IDxOD mm)	9.5x13.5
Hose	Braided PUR
Reel diameter	430 mm
Feeder hose length	2 m (6.5 ft)
Max. working pressure	9 bar (130 PSI) at 20°C (68°F), 7 bar (102 PSI) at 60°C (140°F)
Temperature range	+5°C to +60°C (+41°F to +140°F)



+ This series includes safety products.
For more information, see Page 6-7.

WATER		Part No.	Size ID x OD (mm)	Connection (male)	Diameter (mm)	Weight (kg)	Working Pressure (20°C, 68°F)
	14 m	19 911 5140	9.5 x 13.5	R 1/4"	430	6.3	9 bar / 130 PSI
		19 911 5141	9.5 x 13.5	NPT 1/4"	430	6.3	9 bar / 130 PSI

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Electrical

CABLE REELS

- *Sturdy housing protects enclosed cable and reel mechanism*
- *Strong and durable*

CEJN electrical cable reels are supplied with a thermal overload protection circuit, which cuts off the electrical supply in the event of a power surge. They can be ceiling- or wall-mounted and swivel 300°.



CE marked in compliance with 2006/42/EC and 2006/95/EC

Technical Data

Cable.....	Rubber H07RN-F
Reel diameter.....	330 mm, 430 mm
Current.....	10 and 16 ampere
Voltage.....	230 V
Connections.....	Schuko and CH plug
Power output	1000 W (fully wound), 3500 W (fully unwound, 16 Ampere version)
Protection class.....	IP 23
Temperature range	+5°C to +60°C (+41°F to +140°F)



*This series includes safety products.
For more information, see Page 6-7.*

ELECTRICITY		Part No.	Dimensions (mm²)	Connection	Diameter (mm)	Current (Ampere)	Voltage (Volt)	Weight (kg)
	10 m	19 911 5050	3 x 1.5	Schuko plug	330	16	230	4.6
		19 911 5052	3 x 1.5	CH plug	330	10	230	4.6
	17 m	19 911 5150	3 x 1.5	Schuko plug	430	16	230	6.7
		19 911 5152	3 x 1.5	CH plug	430	10	230	6.7

Check with an authorized CEJN distributor for availability and prices.



Air & Fluid Guns



Air & Fluid Guns Offering Comfort and High Performance

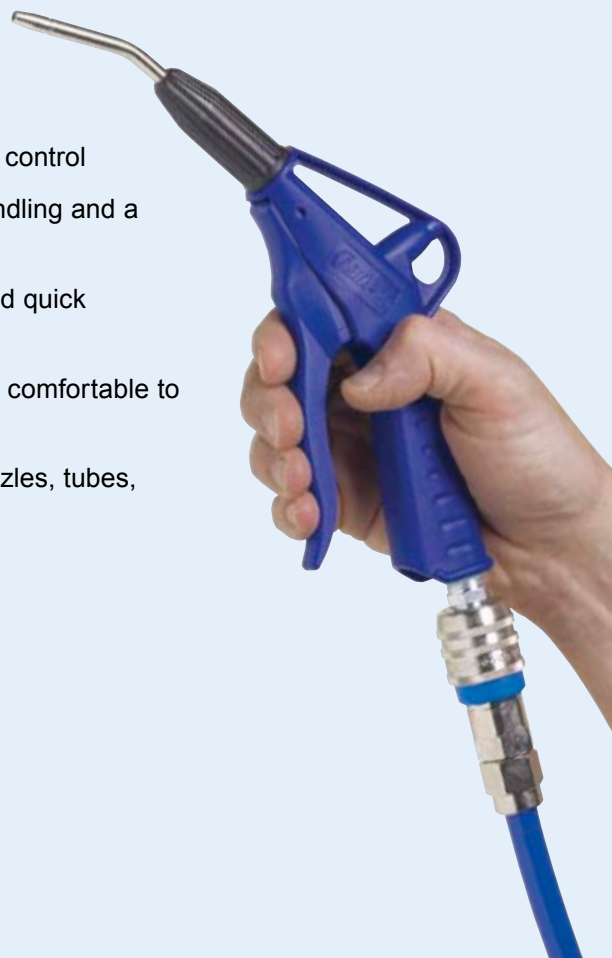
CEJN Series 208 blowguns offer new levels of performance in operation and ease of use.

Its highly valued design features include:

- **High blowing force** – Generates much higher blowing force than comparable designs
- **Lightweight design** – Makes the blowgun easy to use and control
- **Ergonomic and versatile styling** – Offers comfortable handling and a “perfect fit” for both left-and right-handed users
- **Flexible hanging options** – Provide convenient storage and quick retrieval
- **User friendly** – Results from an acetalplastic handle that is comfortable to grip and shields against cold air flow

Series 208 blowguns are available with a wide range of nozzles, tubes, and other accessories.

Star-Tip – Incorporates six separate outlets, which result in a silencing effect, as well as meet OSHA safety standards.



Air & Fluid Guns

SERIES 208

- **High blowing force**
- **Easily regulated infinite flow**
- **Ergonomic, comfortable controls**

The CEJN Series 208 blowgun has a valve package that enables it to handle both air as well as non-explosive fluids. The Series is offered in several styles, including standard full-flow, noise-reducing Star-Tip and a pressure-regulated safety version. Various tubes and nozzles are available to meet specific application requirements.

For specific fluid applications consult your local CEJN distributor.



This series includes safety products.
For more information, see Page 6-7.

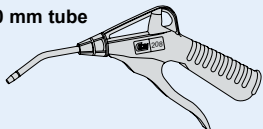
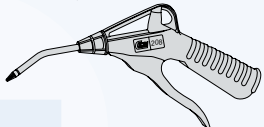
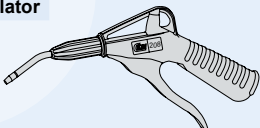
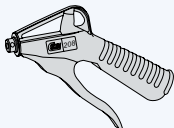
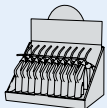
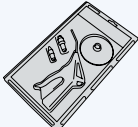


Technical Data

Air flow 500 l/min (18 CFM)*
Max. working pressure 16 bar (232 PSI)*
Min. burst pressure 64 bar (928 PSI)
Connections 1/4" female thread

* Version with 90 mm standard tube

Weight 112 g. (3.6 oz)*
Material POM (body), brass (valve, tube)
Seal material NBR (Nitrile)
Temperature range -20°C to +60°C (-4°F to +140°F)

BLOWGUNS	Part No.	Tube	Connection	Air Flow	Max. Working Pressure
Blowgun with 90 mm tube 	11 208 0100	Fixed tube	R 1/4"	500 l/min (18 CFM)	16 bar (232 PSI)
	11 208 0150	Fixed tube	NPT 1/4"	500 l/min (18 CFM)	16 bar (232 PSI)
	11 208 0200	Removable tube	R 1/4"	500 l/min (18 CFM)	16 bar (232 PSI)
	11 208 0250	Removable tube	NPT 1/4"	500 l/min (18 CFM)	16 bar (232 PSI)
Blowgun with 90 mm tube, Star-Tip  OK 	11 208 3100	Fixed tube	R 1/4"	190 l/min (7 CFM)	16 bar (232 PSI)
	11 208 3150	Fixed tube	NPT 1/4"	190 l/min (7 CFM)	16 bar (232 PSI)
	11 208 3200	Removable tube	R 1/4"	190 l/min (7 CFM)	16 bar (232 PSI)
	11 208 3250	Removable tube	NPT 1/4"	190 l/min (7 CFM)	16 bar (232 PSI)
Sound level at inlet pressure of 6 bar (87 PSI): 79 dB(A)					
Blowgun with regulator  OK 	11 208 0300	Removable tube	R 1/4"	250 l/min (9 CFM)	8 bar (116 PSI)
	11 208 0350	Removable tube	NPT 1/4"	250 l/min (9 CFM)	8 bar (116 PSI)
Max. outlet pressure when dead-ended: 2 bar (29 PSI)					
Basic blowgun for use with extension tubes  OK 	11 208 0000	-	R 1/4"		
	11 208 0050	-	NPT 1/4"		
20-piece Display pack (11 208 0100) 	11 208 9984	Fixed tube	R 1/4"	500 l/min (17.7 CFM)	16 bar (230 PSI)
Blowgun Blister Pack (11 208 0100 + 11 208 9955 + 11 208 9962 + 11 208 9956) 	71 208 1911	Fixed tube	R 1/4"	500 l/min (17.7 CFM)	16 bar (230 PSI)

Flow capacity is measured at 6 bar (87 PSI) inlet pressure. Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Accessories

REMOVABLE

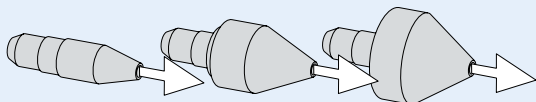
ACCESSORIES

Part No.

Rubber-tip nozzle

Fits directly onto the tube. For use against sensitive surfaces. Suitable for pressurizing, such as in leakage or cylinder testing. Nozzle available in three sizes, individually and as a set.

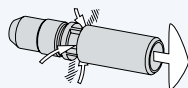
Ø 14 mm (1/2")	11 208 9956
Ø 25 mm (1")	11 208 9957
Ø 35 mm (1 1/3")	11 208 9958
3-piece set	11 208 9960



Venturi nozzle

Fits directly onto the tube. Draws in ambient air for extra-high flow. Increases air flow by 100%. Suitable for deflecting lightweight wood chips and diverts air when dead-ended, reducing the outlet pressure to less than 2 bar (29 PSI).

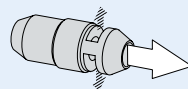
11 208 9963



Bypass nozzle

Fits directly onto the tube. When dead-ended, pressure is released (or diverted) through the side outlets, reducing the maximum outlet pressure to less than 2 bar (29 PSI).

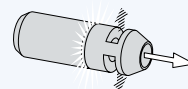
11 208 9961



Air curtain nozzle

Fits directly onto the tube. Creates a protective air curtain that is suitable for deflecting lightweight chips or fluids and diverts air when dead-ended, reducing the outlet pressure to less than 2 bar (29 PSI).

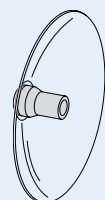
11 208 9954



Chip shield

Fits directly onto the tube. Protects operators from flyaway chip debris. For placement anywhere on the tube. Nitrile bushing for easy mounting. Translucent shield diameter: 100 mm (4")

11 208 9955





All products marked with the "OK" symbol are compliant with OSHA Instruction STD 1-13.1: "...when dead-ending occurs, static pressure at the main orifice shall not exceed 30 PSI [2 bar]."



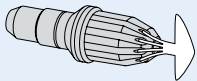
All products marked with the "ear" symbol have a sound level below 85 dB(A) and meet the EU Machine Directive §1.5.8. concerning noise reduction demands.

ACCESSORIES

Part No.

Silencer

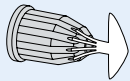
Fits directly onto the tube. Reduces noise effectively when low noise is a requirement. Sound level: 82 dB(A).



11 208 9962

Silencer nozzle

Fits directly onto the threads of blowgun body. For use when space is limited.

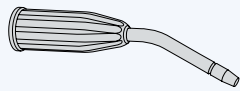


11 208 9965



Tube regulator: 90 mm (4")

Fits directly onto the threads of blowgun body. Reduces the outlet pressure to a safe level in the event of blockage in the tube or when dead-ended.



11 208 0216



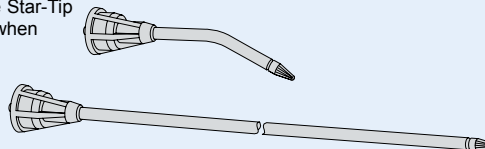
Star-Tip Tubes: 90 mm (4"), 300 mm (12"), 500 mm (20")

Fits directly onto the threads of the blowgun body. The 90 mm (4") tube is bent for optimal handling ergonomics while the straight 300/500 mm (12"/20") extension tubes offer increased access to hard-to-reach areas. The Star-Tip feature offers reduced sound level and diverts air when dead-ended making it OSHA-compliant.

Air flow:

90 mm (4") – 190 l/min (7 CFM)

300/500 mm (12"/20") – 180 l/min (6 CFM)



90 mm (4")	11 208 3215
300 mm (12")	11 208 3219
500 mm (20")	11 208 3220



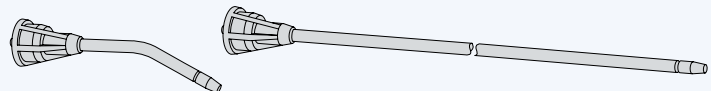
Tubes: 90 mm (4"), 300 mm (12"), 500 mm (20")

Fits directly onto the threads of the blowgun body. The 90 mm (4") tube is bent for optimal handling ergonomics while the straight 300/500 mm (12"/20") extension tubes offer increased access to hard-to-reach areas.

Air flow:

90 mm (4") – 500 l/min (18 CFM)

300/500 mm (12"/20") – 380 l/min (13 CFM)



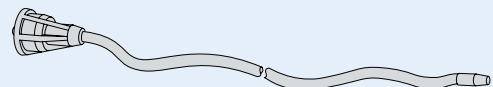
90 mm (4")	11 208 0215
300 mm (12")	11 208 0219
500 mm (20")	11 208 0220

Bendable extension tube: 400 mm (16")

Fits directly onto the threads of blowgun body. Can be bent and adjusted for specific tasks in hard-to-reach areas. Bendable 6-mm (1/4") coated copper tube.

Air flow: 120 l/min (4 CFM)

11 208 0222



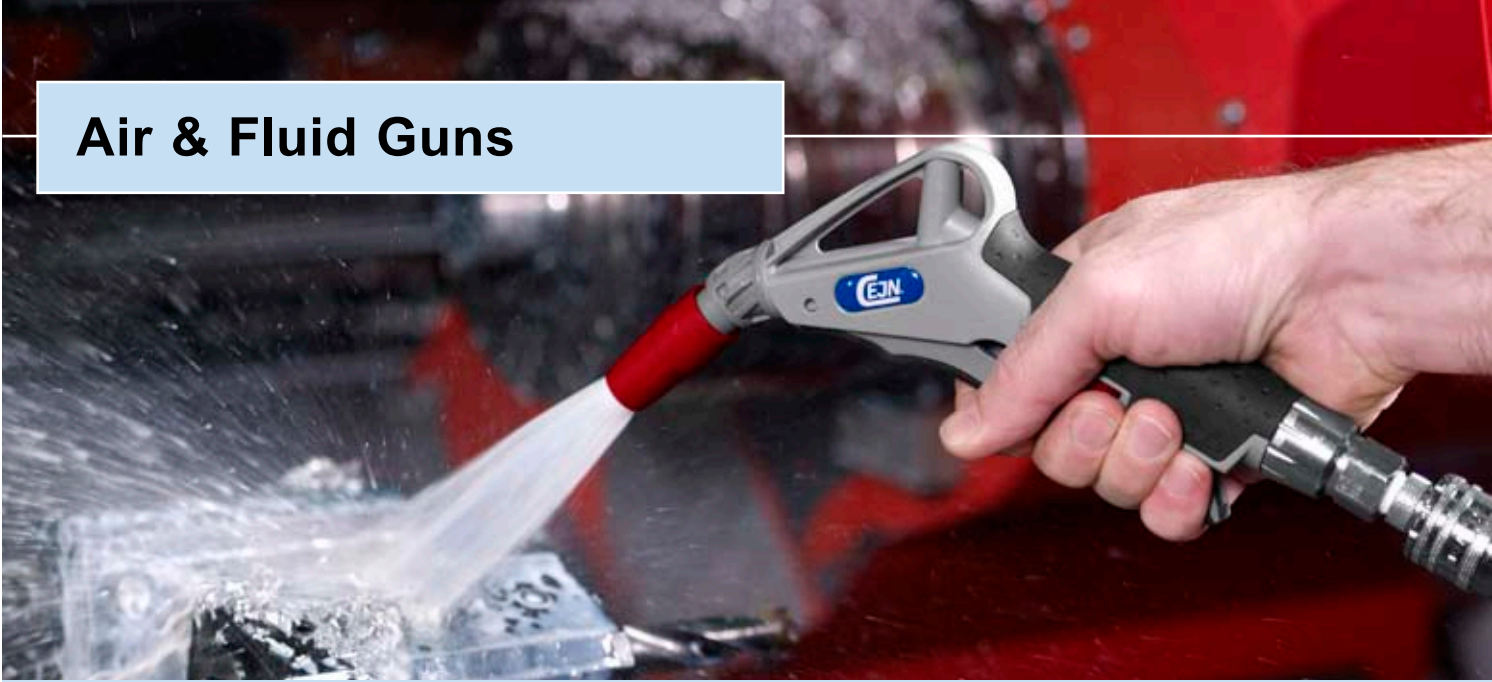
Sprayer

Fits directly onto the tube. The nozzle is designed to spray a full dense mist. Fluid flow and fluid/air mixture can be easily adjusted. Available as sprayer attachment or as a sprayer kit with blowgun included. Canister capacity 1.2 l (0.26 gal UK).

Spray kit
Sprayer attachment

11 208 3180
12 010 3137





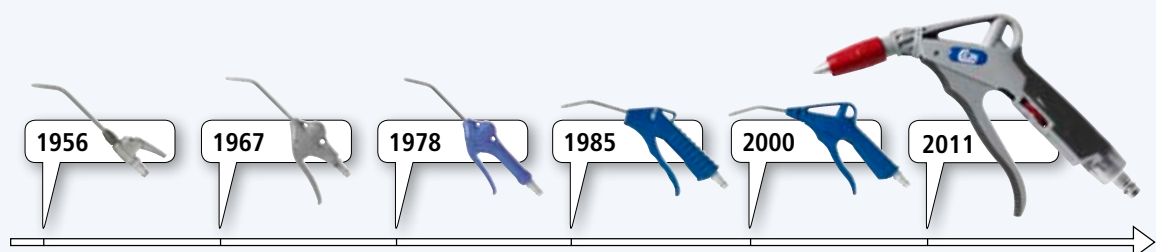
MultiFLOW - The Professional's Must-Have Air & Fluid Gun

Depend on CEJN for Premium Tools for Premium Performance

The quality of tools has a direct link to the quality of the work they perform. For over 50 years, that fact has been the driving force behind CEJN's commitment to providing customers with pneumatic tools that are a real standout in performance, craftsmanship and durability. CEJN's success in the blowgun market is the result of continuous research and development activities that enable us to continually introduce new products that are hardworking and unmatched by the competition.

When CEJN engineers set out to design an all-new, all-powerful blowgun, they first interviewed end-users to identify its job responsibilities. They learned that their new design would need to offer unique flow and flow control, as well as be equipped with nozzle adjustments that would make it a versatile tool for a variety of tasks.

By transforming customer needs into design features – a CEJN trademark – CEJN has developed the MultiFLOW Air & Fluid Gun, a must-have tool for professionals who demand premium tools for premium performance.



MultiFLOW Air & Fluid Gun

SERIES 210

- **Unmatched blowing force**
- **Adjustable flow control**
- **Adjustable beam**

CEJN's new MultiFLOW blowgun effectively cleans surfaces with air or water with unparalleled blowing force. Precise flow is achieved by adjustable flow settings. Nozzle adjusts from narrow jet to wide beam. The MultiFLOW meets and exceeds OSHA safety standards when dead-ended.

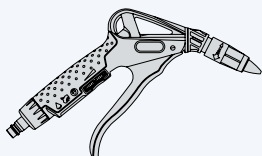
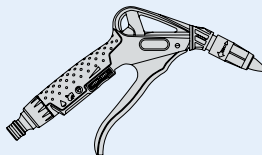
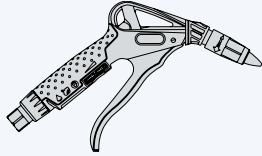
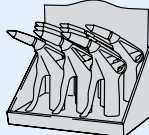


This series includes safety products.
For more information, see Page 6-7.

Technical Data

Air flow 200-1200 l/min (7-42 CFM)
Fluid flow..... 5-25 l/min (1.1-5.5 GPM UK)
Air sound level..... 79-101 dBA
Max. working pressure 16 bar (232 PSI)
Min. burst pressure..... 64 bar (928 PSI)

Material POM, TPE, Aluminum
Seal material NBR (Nitrile)
Temperature range (16 bar/232 PSI) -20°C to +60°C (-4°F to +140°F)
Temperature range (10 bar/145 PSI) -20°C to +80°C (-4°F to +176°F)
Media Air and non-explosive water based liquids

MULTIFLOW	Part No.	EAN-Code	Connection	Pack Qty.	Weight/PCS	Weight/Pack
	11 210 0400	7391390264039	320 Nipple	5	191 g	1000 g
	11 210 0430	7391390268860	Fluid Nipple	5	210 g	1100 g
	11 210 0450	7391390264053	Adapter 1/4" Universal	5	205 g	1080 g
Eight-pack display 	11 210 9980	7391390268938	320 Nipple	1	191 g	1700 g
	11 210 9981	7391390268945	Adapter 1/4"	1	205 g	1800 g





Air and fluid flow



Withstands rough environment



Adjustable beam – one nozzle for all your applications



CEJN MultiFLOW

– The Most Versatile Air & Fluid gun Available

Whether the job calls for cleaning with air or with water, drying or cooling, MultiFLOW - Air & Fluid Gun provides power on demand when and where it's needed. Its powerful force and exceptional flow control make the job a whole lot easier.





Extreme flow for cleaning, cooling and drying



Better grip

Adjustable flow for specific application needs

Low disconnection noise

MultiFLOW Packaging



Single Packs

CEJN's MultiFLOW Air & Fluid Gun is available in single packs (11 210 0400, 11 210 0430, 11 210 0450) with an eyelet for hanging on display hooks. Customers can readily feel the solid grip of the handle, since it is not attached to the packaging.



Eight-Pack Displays

An attractive, easy-to-assemble counter display puts eight MultiFLOW Air & Fluid Guns directly in front of customers, thereby increasing product awareness and counter sales.



Technical Details



View 3-D animation of the MultiFLOW Air & Fluid Gun at www.cejn.com/multiflow



Adjustable Jet Nozzle

Nozzle adjusts flow from a narrow jet for reaching hard-to-remove debris to a wide beam for cleaning wide-open surfaces.

Ergonomic, Rubber Non-Slip Grip

Molded rubber grip gives users a tight hold, resulting in increased operator comfort and control that guards against occupational injuries.

High Flow

Powerful air flow generates up to 1,200 l/min. Effective cleaning is achieved in air and fluid applications.

Solid Design

Blowgun body features high strength polyoxymethylene (POM). The sturdy design withstands repeated use.

Variable Flow Control

Flow settings enable users to select precise flow needed for specific applications, resulting in managed power and energy savings. "Save" setting programs flow for repeat applications.

Anti-Whip Function

Integrated steel nipple/adaptor vents downstream pressure when disconnecting, thereby reducing hose whip and noise that can cause operator injury.

The safety-minded design delivers on CEJN's promise to provide products that promote a safe working environment.





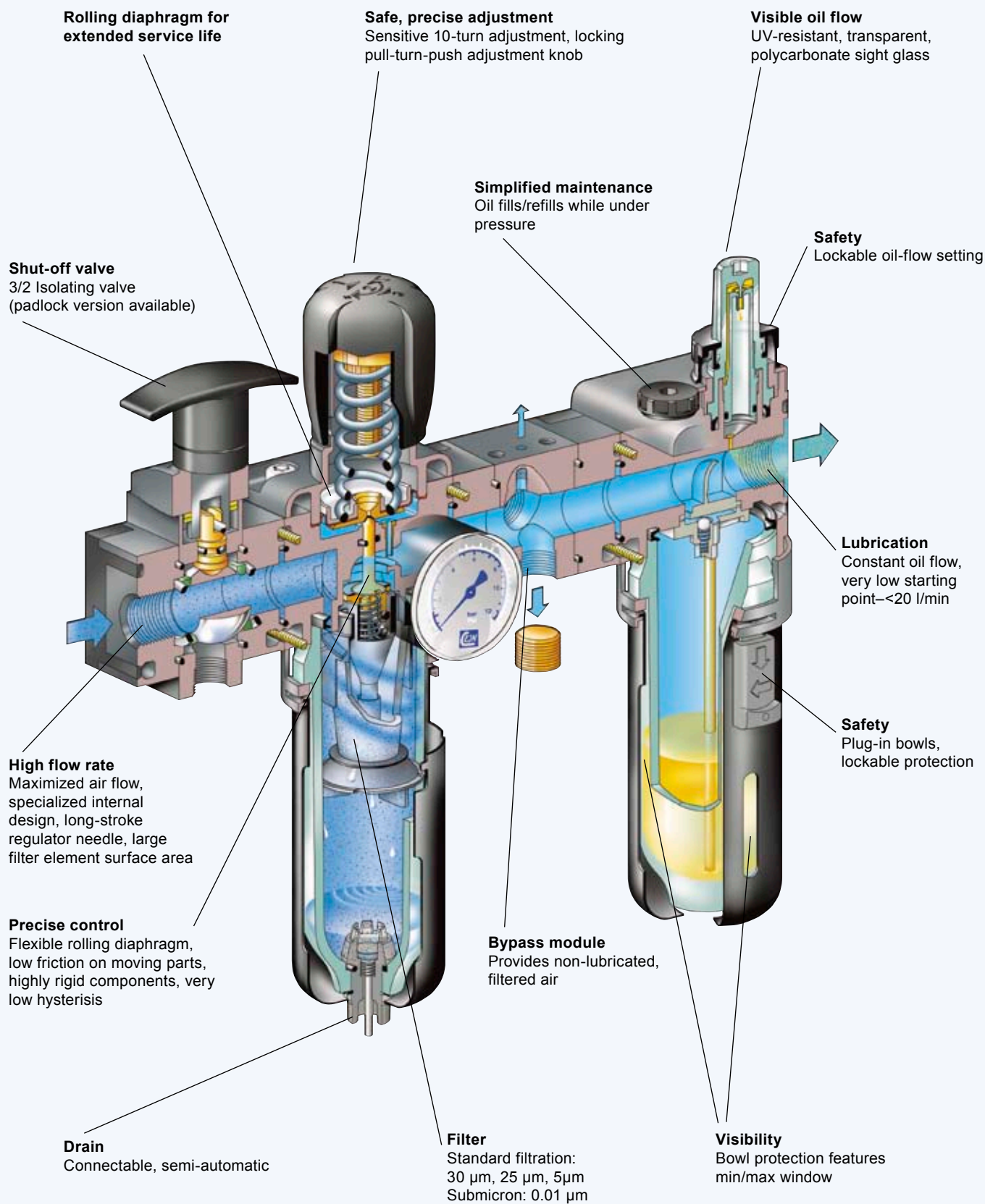
Advanced FRL Range Offers Numerous Connection Sizes

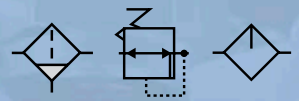
The CEJN Filtration, Regulation, and Lubrication (FRL) range offers quality products for ensuring reliable, compressed air performance. The range includes filters, regulators, filter regulators, lubricators, isolation valves, and bypasses.

CEJN FRL products are offered in 1/8-inch through 1-inch thread connection sizes. They are easy to assemble and maintain and can be top- or side-mounted. FRL products from CEJN combine what customers want most:

- **Wide Range** – The extensive product range ensures component compatibility.
- **High Flow Capacity** – CEJN filters provide maximum air flow, as a result of the large surface area of the filtering element, the long stroke of the regulator needle, and an optimized flow path.
- **Precision Regulation** – CEJN regulators ensure minimum pressure differential between set point and operating pressure, due to the low friction of moving parts, rigidity of components, and the flexibility of the rolling diaphragm. Hysteresis less than 0.2 bar can be achieved, regardless of upstream pressure.





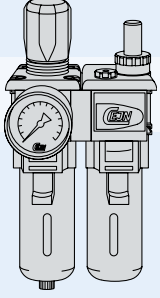


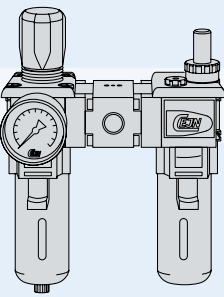
FRL Systems

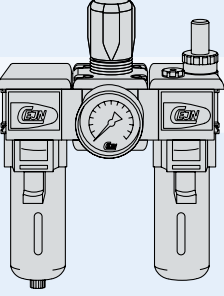
- **Complete, pre-assembled sets**
- **Compact design**
- **Gauge included**

CEJN FRL systems are designed to take the burden off of customers in selecting individual air-treatment products. They combine a filter, regulator, and lubricator in a ready-to-use set. The system concept also simplifies ordering procedures, since only one part number is required to order multiple products.

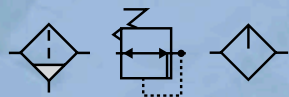
For details and technical data on system components, refer to the following pages.

Filter/Regulator & Lubricator	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	107	19 903 1602	G 1/4"	7	4	40	20 / 0.7	1300 / 45.9
	112	19 903 5604	G 3/8"	12	7	50	20 / 0.7	3000 / 105.9
	112	19 903 5605	G 1/2"	12	7	50	20 / 0.7	3000 / 105.9
	160	19 903 2607	G 3/4"	50	36	50	90 / 3.2	11000 / 388.4
	160	19 903 2609	G 1"	50	36	50	90 / 3.2	13500 / 476.7
	<i>Note: 107 and 112: 25 µm filtration, 160: 30 µm filtration</i>							

Filter/Regulator, Porting Block & Lubricator	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	107	19 903 1612	G 1/4"	7	4	40	20 / 0.7	1300 / 45.9
	112	19 903 5614	G 3/8"	12	7	50	20 / 0.7	3000 / 105.9
	112	19 903 5615	G 1/2"	12	7	50	20 / 0.7	3000 / 105.9
	160	19 903 2617	G 3/4"	50	36	50	90 / 3.2	11000 / 388.4
	160	19 903 2619	G 1"	50	36	50	90 / 3.2	13500 / 476.7
	<i>Note: 107 and 112: 25 µm filtration, 160: 30 µm filtration</i>							

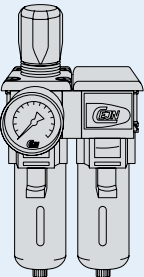
Filter, Regulator & Lubricator	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	107	19 903 1622	G 1/4"	7	4	40	20 / 0.7	1300 / 45.9
	112	19 903 5624	G 3/8"	12	7	50	20 / 0.7	3000 / 105.9
	112	19 903 5625	G 1/2"	12	7	50	20 / 0.7	3000 / 105.9
	160	19 903 2627	G 3/4"	50	36	50	90 / 3.2	11000 / 388.4
	160	19 903 2629	G 1"	50	36	50	90 / 3.2	13500 / 476.7
	<i>Note: 107 and 112: 25 µm filtration, 160: 30 µm filtration</i>							

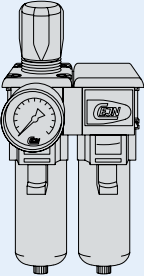
Flow capacity is measured at 8 bar (116 PSI) inlet pressure, with a set point at 6.3 bar (91.4 PSI) and pressure drop at 1 bar (14.5 PSI). Model 160 is measured at 12 bar (174 PSI) inlet pressure. Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

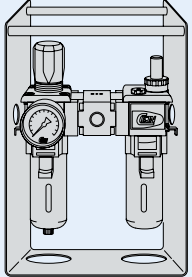


FRL Systems



Filter/Regulator 5 µm & Filter 0.01 µm	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	112	19 903 5634	G 3/8"	12	-	50	20 / 0.7	1050 / 37.1
	112	19 903 5635	G 1/2"	12	-	50	20 / 0.7	1050 / 37.1

Filter/Regulator 5 µm & Filter 0.01 µm with metal bowl	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	112	19 903 5654	G 3/8"	12	-	50	20 / 0.7	1050 / 37.1
	112	19 903 5655	G 1/2"	12	-	50	20 / 0.7	1050 / 37.1

Portable System – Filter/Regulator, Porting Block & Lubricator	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Gauge Ø (mm)	Min. Flow (l/min / CFM)	Max. Flow (l/min / CFM)
	112	19 903 5645	G 1/2"	12	7	50	20 / 0.7	3000 / 105.9
	<i>Note: 25 µm filtration</i>							

ACCESSORIES	Model 107	Model 112	Model 160
Side-mounting brackets	19 903 1510	19 903 5510	19 903 2510

Flow capacity is measured at 8 bar (116 PSI) inlet pressure, with a set point at 6.3 bar (91.4 PSI) and pressure drop at 1 bar (14.5 PSI). Model 160 is measured at 12 bar (174 PSI) inlet pressure. Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



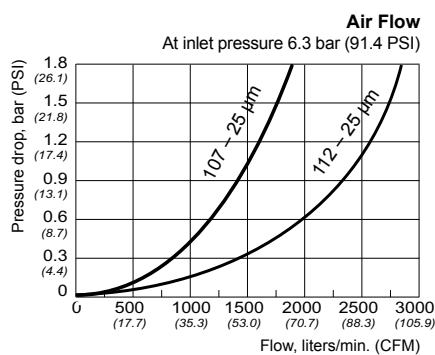
Filters

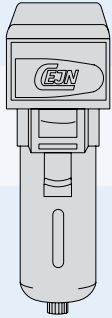
- **Excellent filtration of water and dirt**
- **Quick and easy removal and replacement of filter element**
- **Semi-automatic drain as standard**

CEJN filters offer high flow capacity and withstand up to 17.5 bar (253.8 PSI) inlet pressure. Features include a metal bowl protector, easily visible level indicators, and a compact modular construction. Filtration up to 99.9% can be achieved with a 0.01 μm filter.



For more technical data, see Page 78.

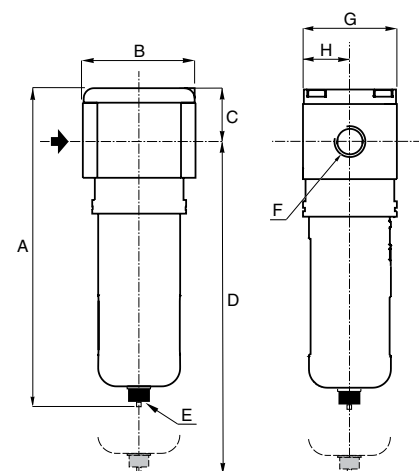


FILTERS	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Flow (l/min / CFM)	Filtration (μm)
	107	19 903 1102	G 1/4"	7	1450 / 51.2	25
		19 903 1112	G 1/4"	7	1230 / 43.4	5
		19 903 1122	G 1/4"	7	700 / 24.7	0.01
	112	19 903 5104	G 3/8"	12	2400 / 84.8	25
		19 903 5114	G 3/8"	12	2040 / 72.0	5
		19 903 5105	G 1/2"	12	2400 / 84.8	25
		19 903 5115	G 1/2"	12	2040 / 72.0	5
		19 903 5125	G 1/2"	12	1050 / 37.1	0.01
	160	19 903 2107	G 3/4"	50	9000 / 317.8	30
		19 903 2109	G 1"	50	9800 / 346	30

Note: In front of a 0.01 μm filter, the installation of a 5 μm filter is recommended using the special two-part kit below.

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E	F	G (mm)	H (mm)
107	159.5	42	25.5	190	G 1/8"	G 1/4"	42	40
112	191	66	30.5	221.5	G 1/8"	G 3/8", G 1/2"	55	46
160	245	90	30	325	6 mm	G 3/4", G 1"	94	47

ACCESSORIES	107	112	160
Two-part assembly kit	19 903 1500	19 903 5500	19 903 2500
Special two-part kit for 0.01 μm filter	19 903 1505	19 903 5505	—
Side-mounting brackets	19 903 1510	19 903 5510	19 903 2510
Automatic drain valve	19 903 1560	19 903 5560	19 903 2560



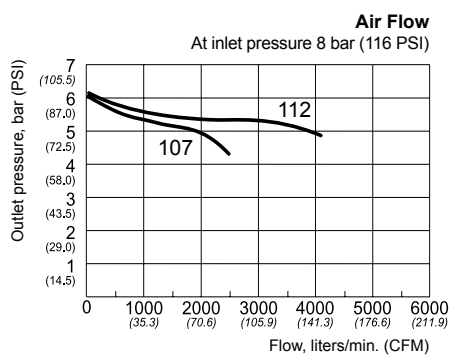
Flow capacity is measured at 6.3 bar (91.4 PSI) inlet pressure, and pressure drop at 1 bar (14.5 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Regulators

- **High flow capacity**
- **Effortless, precise regulation**
- **Excellent hysteresis**

CEJN regulators feature a locking device, a flexible rolling diaphragm, and a gauge. A mini-version with thread connections down to 1/8-inch is available for use when space is limited.



For more technical data,
see Page 78.

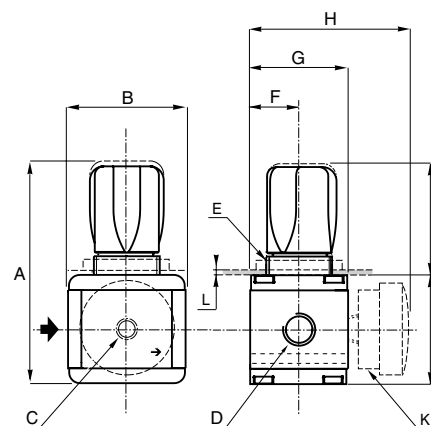
REGULATORS	Model	Part No.	Connection	Max. Inlet Pressure (bar / PSI)	Controlled Pressure (bar / PSI)	Max. Flow (l/min / CFM)
	Mini	19 903 8201	G 1/8"	12 / 174	0.5-10 / 7-145	500 / 17.6
		19 903 8202	G 1/4"	12 / 174	0.5-10 / 7-145	650 / 22.9
	107	19 903 1202	G 1/4"	16 / 232	0.5-10 / 7-145	1300 / 45.9
	112	19 903 5204	G 3/8"	16 / 232	0.5-10 / 7-145	3000 / 105.9
		19 903 5205	G 1/2"	16 / 232	0.5-10 / 7-145	3000 / 105.9
	160	19 903 2207	G 3/4"	17.5 / 253.8	0.5-12 / 7-174	12000 / 423.8
		19 903 2209	G 1"	17.5 / 253.8	0.5-12 / 7-174	16500 / 459.0

MODEL	A (mm)	B (mm)	C	D	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	L (mm)
Mini	74	45	G 1/8"	G 1/8", G 1/4"	20	40	71	37	39	3
107	104	42	G 1/8"	G 1/4"	21	42	76	53	51	2
112	125	66	G 1/8"	G 3/8", G 1/2"	27.5	55	87	64	61	2
160	182	90	G 1/8"	G 3/4", G 1"	47	94	126	97	85	5

ACCESSORIES	Mini	107	112	160
Two-part assembly kit	-	19 903 1500	19 903 5500	19 903 2500
Top-mounting ring and bracket	19 903 8511*	19 903 1511	19 903 5511	-
Side-mounting brackets	-	19 903 1510	19 903 5510	19 903 2510
Ø 40 mm gauge (0-12 bar/0-174 PSI)	19 903 1525	19 903 1525	19 903 1525	19 903 1525
Ø 50 mm gauge (0-12 bar/0-174 PSI)	19 903 1520	19 903 1520	19 903 1520	19 903 1520
Plug for gauge port 1/8"	19 903 1550	19 903 1550	19 903 1550	-

* Mounting ring is included with regulator.

Flow capacity is measured at 8 bar (116 PSI) inlet pressure, with a set point at 6.3 bar (91.4 PSI) and pressure drop at 1 bar (14.5 PSI). Model 160 is measured at 12 bar (174 PSI) inlet pressure. Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

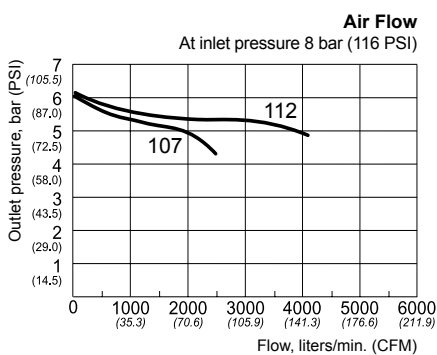




Filter/Regulators

- **Excellent filtration of water and dirt**
- **High flow capacity**
- **Excellent hysteresis**

CEJN filter/regulator units combine a filter, regulator, and gauge in one economical unit. The combination units withstand up to 17.5 bar (253.8 PSI) inlet pressure. Features include a metal bowl protector, easily visible level indicators, compact modular construction, flexible rolling diaphragm, and locking device.

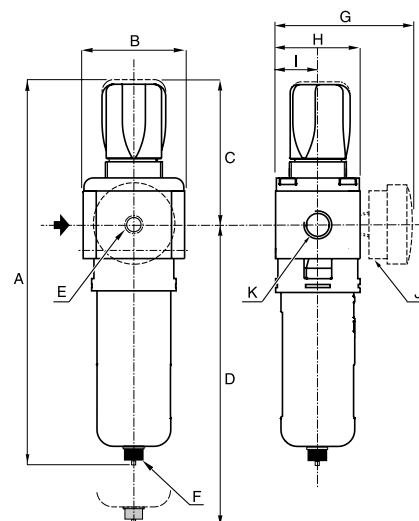


**For more technical data,
see Page 78.**

FILTER / REGULATORS	Model	Part No.	Connection	Bowl Capacity (cl)	Filtration (µm)	Controlled Pressure (bar / PSI)	Max. Flow (l/min / CFM)
	107	19 903 1402	G 1/4"	7	25	0.5-10 / 7-145	1300 / 45.9
		19 903 1412	G 1/4"	7	5	0.5-10 / 7-145	1100 / 38.8
	112	19 903 5404	G 3/8"	12	25	0.5-10 / 7-145	3000 / 105.9
		19 903 5414	G 3/8"	12	5	0.5-10 / 7-145	2500 / 88.3
		19 903 5405	G 1/2"	12	25	0.5-10 / 7-145	3000 / 105.9
	160	19 903 5415	G 1/2"	12	5	0.5-10 / 7-145	2500 / 88.3
		19 903 2407	G 3/4"	50	30	0.5-12 / 7-174	11000 / 388.4
		19 903 2409	G 1"	50	30	0.5-12 / 7-174	15700 / 554.4

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E	F	G (mm)	H (mm)	I (mm)	K
107	213	42	79	190	G 1/8"	G 1/8"	95	42	21	G 1/4"
112	251	66	94.5	221.5	G 1/8"	G 1/8"	105	55	27.5	G 3/8", G 1/2"
160	345	90	133	292	G 1/8"	6 mm	126	94	47	G 3/4", G 1"

ACCESSORIES	107	112	160
Two-part assembly kit	19 903 1500	19 903 5500	19 903 2500
Top-mounting ring and bracket	19 903 1511	19 903 5511	-
Side-mounting brackets	19 903 1510	19 903 5510	19 903 2510
Automatic drain valve	19 903 1560	19 903 5560	19 903 2560
Ø 40 mm gauge (0-12 bar/0-174 PSI)	19 903 1525	19 903 1525	19 903 1525
Ø 50 mm gauge (0-12 bar/0-174 PSI)	19 903 1520	19 903 1520	19 903 1520
Plug for gauge port 1/8"	19 903 1550	19 903 1550	-



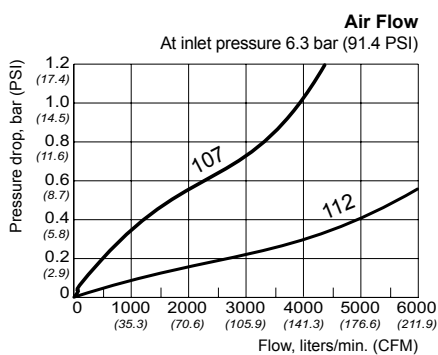
Flow capacity is measured at 8 bar (116 PSI) inlet pressure, with a set point at 6.3 bar (91.4 PSI) and pressure drop at 1 bar (14.5 PSI). Model 160 is measured at 12 bar (174 PSI) inlet pressure. Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



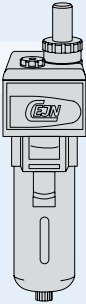
Lubricators

- **Lubrication corresponds accurately to variations or changes in air flow**
- **Refillable under pressure**
- **Easy adjustment**

CEJN lubricators can be adjusted easily without tools. Features include a lockable oil setting knob and a transparent sight glass offering visible oil flow from all directions. Models 112 and 160 are refillable under pressure.



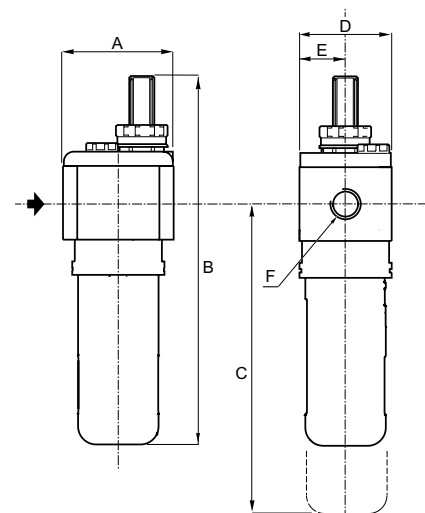
For more technical data, see Page 78.

LUBRICATORS	Model	Part No.	Connection	Bowl Capacity (cl)	Max. Oil Capacity (cl)	Min. Flow* (l/min / CFM)	Max. Flow (l/min / CFM)
	107	19 903 1302	G 1/4"	7	4	20 / 0.7	3500 / 123.6
	112	19 903 5304	G 3/8"	12	7	20 / 0.7	5500 / 194.2
		19 903 5305	G 1/2"	12	7	20 / 0.7	5500 / 194.2
	160	19 903 2307	G 3/4"	50	36	90 / 3.2	16000 / 554.4
		19 903 2309	G 1"	50	36	90 / 3.2	17700 / 625.1

* Minimum for lubricator startup

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F
107	42	187	215	42	21	G 1/4"
112	66	215	243	55	27.5	G 3/8", G 1/2"
160	90	247	270	94	47	G 3/4", G 1"

ACCESSORIES	107	112	160
Two-part assembly kit	19 903 1500	19 903 5500	19 903 2500
Side-mounting brackets	19 903 1510	19 903 5510	19 903 2510
Lubricator Oil			
1 Liter	19 903 1571		
5 Liter	19 903 1570		
25 Liter	19 903 1597		



Flow capacity is measured at 6.3 bar (91.4 PSI) inlet pressure, and pressure drop at 1 bar (14.5 PSI). Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.

Technical Data

FRL PRODUCTS

FILTERS	Model 107	Model 112	Model 160
Media	Compressed air, neutral gas	Compressed air, neutral gas	Compressed air, neutral gas
Max. working pressure at 23°C (73.4°F)	16 bar (232 PSI)	16 bar (232 PSI)	17.5 bar (253.8 PSI)
Max. working pressure at 50°C (122°F)	10 bar (145 PSI)	10 bar (145 PSI)	12 bar (174 PSI)
Temperature range	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Filtering capacity	25 µm / 5µm	25 µm / 5µm	30 µm
Filtering element	Polyethylene (PE)	Polyethylene (PE)	Sintered bronze
Body	Painted zamak	Painted zamak	Painted aluminium
Bowl	Polycarbonate (PC) resistant to UV, with protector	Polycarbonate (PC) resistant to UV, with protector	Metal with level window in Polypropylene (PP)
Bowl protector	With safety locking and condensate level view	With safety locking and condensate level view	–
Condensate drain	Semi-automatic	Semi-automatic	Pipeable semi-automatic

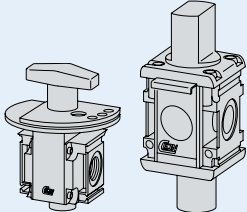
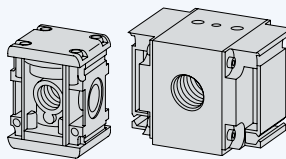
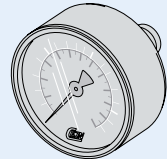
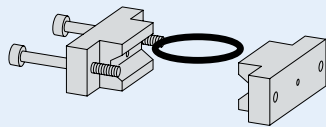
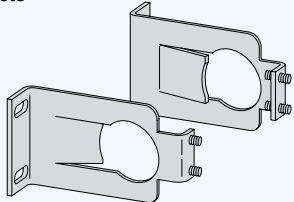
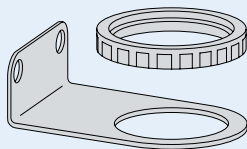
REGULATORS	Model Mini	Model 107	Model 112	Model 160
Media	Compressed air, neutral gas	Compressed air, neutral gas	Compressed air, neutral gas	Compressed air, neutral gas
Max. working pressure	12 bar (174 PSI)	16 bar (232 PSI)	16 bar (232 PSI)	17.5 bar (253.8 PSI)
Controlled pressure	0.5-10 bar (7-145 PSI)	0.5-10 bar (7-145 PSI)	0.5-10 bar (7-145 PSI)	0.5-12 bar (7-174 PSI)
Hysteresis	0.35 bar (5.1 PSI)	0.3 bar (4.4 PSI)	0.2 bar (2.9 PSI)	0.4 bar (5.8 PSI)
Temperature range	0°C to +50°C (+32°F to +122°F)	-10°C to +60°C (+14°F to +140°F)	-10°C to +60°C (+14°F to +140°F)	-10°C to +60°C (+14°F to +140°F)
Regulating device	Rolling diaphragm (very low hysteresis)	Rolling diaphragm (very low hysteresis)	Rolling diaphragm (very low hysteresis)	Diaphragm
Seal material	Nitrile	Nitrile	Nitrile	Nitrile
Body	Polymer	Painted zamak	Painted zamak	Painted aluminium

FILTER/REGULATORS	Model 107	Model 112	Model 160
Media	Compressed air, neutral gas	Compressed air, neutral gas	Compressed air, neutral gas
Max. working pressure at 23°C (73.4°F)	16 bar (232 PSI)	16 bar (232 PSI)	17.5 bar (253.8 PSI)
Max. working pressure at 50°C (122°F)	10 bar (145 PSI)	10 bar (145 PSI)	12 bar (174 PSI)
Controlled pressure	0.5-10 bar (7-145 PSI)	0.5-10 bar (7-145 PSI)	0.5-12 bar (7-174 PSI)
Hysteresis	0.3 bar (4.4 PSI)	0.2 bar (2.9 PSI)	0.4 bar (5.8 PSI)
Temperature range	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Regulating device	Rolling diaphragm	Rolling diaphragm (very low hysteresis)	Rolling diaphragm (very low hysteresis)
Filtering element	Polyethylene (PE)	Polyethylene (PE)	Sintered bronze
Body	Painted zamak	Painted zamak	Painted aluminium
Bowl	Polycarbonate (PC) resistant to UV	Polycarbonate (PC) resistant to UV	Metal with level window in Polypropylene (PP)
Bowl protector	With safety locking and condensate level view	With safety locking and condensate level view	–
Seal material	Nitrile	Nitrile	Nitrile
Condensate drain	Semi-automatic	Semi-automatic	Pipeable semi-automatic

LUBRICATORS	Model 107	Model 112	Model 160
Media	Compressed air, neutral gas	Compressed air, neutral gas	Compressed air, neutral gas
Max. inlet pressure at 23°C (73.4°F)	12 bar (174 PSI)	12 bar (174 PSI)	17.5 bar (253.8 PSI)
Max. inlet pressure at 50°C (122°F)	10 bar (145 PSI)	10 bar (145 PSI)	12 bar (174 PSI)
Temperature range	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)	0°C to +50°C (+32°F to +122°F)
Lubrication	Selective oil fog	Selective oil fog	Selective oil fog
Lubrication oil	Non-detergent without aggressive additives	Non-detergent without aggressive additives	Non-detergent without aggressive additives
Oil refilling	Unpressurized	Pressurized	Pressurized
Body	Painted zamak	Painted zamak	Painted aluminium
Bowl	Polycarbonate (PC) resistant to UV	Polycarbonate (PC) resistant to UV	Metal with level window in Polypropylene (PP)
Bowl protector	With safety locking and condensate level view	With safety locking and condensate level view	–

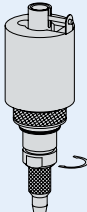
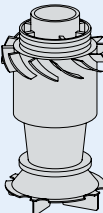
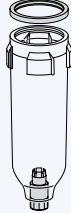
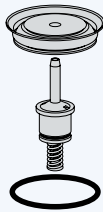
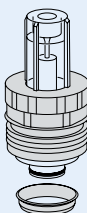
Accessories & Spare Parts

FRL PRODUCTS

FRL	Model	Part No.
Ball Valves 	Shut off and vent the secondary side (G 1/4" exhaust port) during service and maintenance procedures Max. working pressure 17.5 bar (253.8 PSI)	
	107 Shut-off valve, G 1/4" (padlockable)	19 903 1532
	112 Shut-off valve, G 3/8"	19 903 5534
	Shut-off valve, G 3/8" (padlockable)	19 903 5554
	Shut-off valve, G 1/2"	19 903 5535
	Shut-off valve, G 1/2" (padlockable)	19 903 5555
Porting Blocks 	Designed with one, two, or three outlet ports, in addition to the main body Max. working pressure 16 bar (232 PSI)	
	107 Porting block G 1/4" with two G 1/8" bypass ports	19 903 1952
	112 Porting block G 3/8" with three G 3/8" bypass ports	19 903 5954
	Porting block G 1/2" with three G 3/8" bypass ports	19 903 5955
	160 Porting block with one G 1/2" bypass port	19 903 2955
Gauges 	Measure pressure from 0 to 12 bar (0-174 PSI)	
	Mini / 107 Ø 40 mm pressure gauge 0-12 bar / 0-174 PSI	19 903 1525
	Ø 40 mm pressure gauge 0-4 bar / 0-58 PSI	19 903 1526
	112 / 160 Ø 50 mm pressure gauge 0-12 bar / 0-174 PSI	19 903 1520
	Ø 50 mm pressure gauge 0-16 bar / 0-232 PSI	19 903 1521
Plug 1/8" 	Mini / 107 / 112 Plug for gauge port 1/8"	19 903 1550
Two-Part Assembly Kit 	Used to mount components in line	
	107 Two-part assembly kit special for 0.01 µm filter	19 903 1505
	Two-part assembly kit	19 903 1500
	112 Two-part assembly kit special for 0.01µm filter	19 903 5505
	Two-part assembly kit	19 903 5500
	160 Two-part assembly kit	19 903 2500
Brackets 	Used to mount components on a wall, etc.	
	107 Side-mounting brackets	19 903 1510
	112 Side-mounting brackets	19 903 5510
	160 Side-mounting brackets	19 903 2510
Top-Mounting Ring 	Used along with brackets to mount regulators and filter/regulators on a wall	
	Mini Top-mounting bracket (ring included in regulator)	19 903 8511
	107 Top-mounting ring and bracket	19 903 1511
	112 Top-mounting ring and bracket	19 903 5511

Accessories & Spare Parts

FRL PRODUCTS

FRL		Model	Part No.
Automatic drain		Floating valve opener	
		112 Automatic drain valve	19 903 5560
		160 Automatic drain valve	19 903 2560
Lubricating oil		Lubricator Oil, 1 liter	19 903 1571
		Lubricator Oil, 5 liters	19 903 1570
		Lubricator Oil, 25 liters	19 903 1597
Sub-assembled filter		Color-coded filter elements	
		107 Sub-assembled filter element 25 µm	 19 903 1540
		Sub-assembled filter element 5 µm	 19 903 1541
		Sub-assembled filter element 0.01 µm	 19 903 1542
		112 Sub-assembled filter element 25 µm	 19 903 5540
		Sub-assembled filter element 5 µm	 19 903 5541
Bowl for filter		Bowl for filter with semi-automatic drain	
		107 Polycarbonate bowl	19 903 1900
		112 Polycarbonate bowl	19 903 5900
		Metal bowl	19 903 5903
		Polyamide bowl (for use in solvent-charged environments)	19 903 5904
Bowl for lubricator		107 Polycarbonate bowl	19 903 1901
		112 Polycarbonate bowl	19 903 5901
		Polyamide bowl (for use in solvent-charged environments)	19 903 5905
Moving parts for regulator		107 Moving parts for regulator	19 903 1902
		112 Moving parts for regulator	19 903 5902
Polycarbonate cover for lubricator		Polycarbonate cover, internal and external, visualization cover for lubricator 107 / 112 Polycarbonate cover	19 903 5906

Check with an authorized CEJN distributor for availability and prices.

Complementary Products

Complementary products for your air distribution system

Compact Pressure Tester

- *Easy to use*
- *Convenient way to spot-check pressure*
- *Lightweight*

The CEJN Compact Pressure Tester provides a fast method to measure system outlet pressure and ensure air systems are working to specifications. The Pressure Tester also can be used to adjust the regulator during usage, as well as to locate and diagnose pressure differences.



Part No.	Fits	Pressure Range
19 900 9120	CEJN 300	0-10 bar (0-145 PSI)
19 900 9110	CEJN 310	0-10 bar (0-145 PSI)
19 900 9100	CEJN 320	0-10 bar (0-145 PSI)
19 900 9131	CEJN 315	0-10 bar (0-145 PSI)

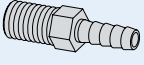
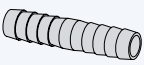


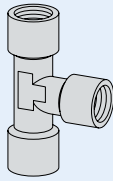
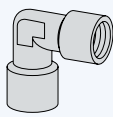
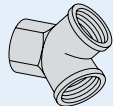
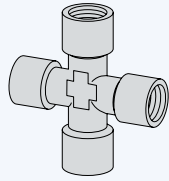
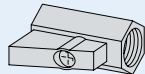
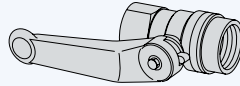
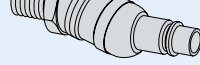
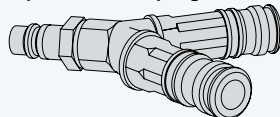
Adapters

CONNECTORS, ADAPTERS, BUSHINGS, & PLUGS

A wide range of hose connectors; male-to-male adapters; bushings; plugs; cross, T-, L-, and Y-pieces; and ball valves for maximum flexibility in a variety of applications.

Max. working pressure 35 bar (508 PSI)

ADAPTERS	Part No.	Connection
Male to hose 	19 900 0211	R 1/8" - 5 mm (3/16")
	19 900 0212	R 1/8" - 6.3 mm (1/4")
	19 900 0221	R 1/4" - 5 mm (3/16")
	19 900 0222	R 1/4" - 6.3 mm (1/4")
	19 900 0223	R 1/4" - 8 mm (5/16")
	19 900 0224	R 1/4" - 10 mm (3/8")
	19 900 0225	R 1/4" - 13 mm (1/2")
	19 900 0232	R 3/8" - 6.3 mm (1/4")
	19 900 0233	R 3/8" - 8 mm (5/16")
	19 900 0234	R 3/8" - 10 mm (3/8")
	19 900 0235	R 3/8" - 13 mm (1/2")
	19 900 0242	R 1/2" - 6.3 mm (1/4")
	19 900 0243	R 1/2" - 8 mm (5/16")
	19 900 0244	R 1/2" - 10 mm (3/8")
	19 900 0245	R 1/2" - 13 mm (1/2")
	19 900 0246	R 1/2" - 16 mm (5/8")
	19 900 0247	R 1/2" - 19 mm (3/4")
	19 900 0254	R 3/4" - 10 mm (3/8")
	19 900 0255	R 3/4" - 13 mm (1/2")
	19 900 0256	R 3/4" - 16 mm (5/8")
	19 900 0257	R 3/4" - 19 mm (3/4")
Hose to hose 	19 900 0262	1/4" - 6.3 mm (1/4")
	19 900 0264	3/8" - 10 mm (3/8")
	19 900 0265	1/2" - 13 mm (1/2")
Male to male 	19 900 1210	G 1/8" - G 1/8"
	19 900 1211	G 1/4" - G 1/8"
	19 900 1212	G 1/4" - G 1/4"
	19 900 1214	G 1/4" - G 3/8"
	19 900 1215	G 1/4" - G 1/2"
	19 900 1220	G 3/8" - G 1/8"
	19 900 1224	G 3/8" - G 3/8"
	19 900 1225	G 3/8" - G 1/2"
	19 900 1227	G 3/8" - G 3/4"
	19 900 1229	G 1/2" - G 3/4"
	19 900 1235	G 1/2" - G 1/2"
	19 900 1249	G 3/4" - G 3/4"
Male to female 	19 900 2201	G 1/8" - G 1/8"
	19 900 2202	G 1/8" - G 1/4"
	19 900 2204	G 1/8" - G 3/8"
	19 900 2212	G 1/4" - G 1/4"
	19 900 2214	G 1/4" - G 3/8"
	19 900 2224	G 3/8" - G 3/8"
	19 900 2225	G 3/8" - G 1/2"
	19 900 2235	G 1/2" - G 1/2"
	19 900 2237	G 1/2" - G 3/4"
Reducing male to female 	19 900 3211	G 1/4" - G 1/8"
	19 900 3221	G 3/8" - G 1/8"
	19 900 3222	G 3/8" - G 1/4"
	19 900 3232	G 1/2" - G 1/4"
	19 900 3234	G 1/2" - G 3/8"
	19 900 3244	G 3/4" - G 3/8"
Male plug 	19 900 4302	G 1/4"
	19 900 4304	G 3/8"
	19 900 4305	G 1/2"
	19 900 4307	G 3/4"

ADAPTERS	Part No.	Connection
T-piece 	Female/Female/Female	19 900 5302 G 1/4"
		19 900 5304 G 3/8"
		19 900 5305 G 1/2"
		19 900 5309 G 1"
	Female/Male/Female	19 900 5322 G 1/4"
		19 900 5324 G 3/8"
		19 900 5325 G 1/2"
	Female/Female/Male	19 900 5332 G 1/4"
		19 900 5334 G 3/8"
		19 900 5335 G 1/2"
L-piece 	Male/Male	19 900 5361 G 1/8"
		19 900 5362 G 1/4"
		19 900 5364 G 3/8"
		19 900 5365 G 1/2"
	Female/Female	19 900 5371 G 1/8"
		19 900 5372 G 1/4"
		19 900 5374 G 3/8"
		19 900 5375 G 1/2"
	Male/Female	19 900 5379 G 1"
		19 900 5382 G 1/4"
		19 900 5384 G 3/8"
		19 900 5385 G 1/2"
Y-piece 	Female/Female/Female	19 900 5916 G 1/4"
		19 900 5912 G 3/8"
		19 900 5902 G 1/2"
	Female/Male/Female	19 900 5920 G 1/4"
		19 900 5921 G 3/8"
Cross piece 	Female/Female/ Female/Female	19 900 5906 G 1/8"
		19 900 5905 G 1/4"
		19 900 5904 G 3/8"
		19 900 5903 G 1/2"
	Male/Female/ Female/Male	19 900 5932 G 1/4"
		19 900 5934 G 3/8"
		19 900 5935 G 1/2"
Ball valve – Small 	Female/Female Max. working pressure 10 bar (145 PSI)	19 900 9501 G 1/8"
		19 900 9502 G 1/4"
Ball valve – Large 	Female/Female Max. working pressure 30 bar (435 PSI)	19 900 9504 G 3/8"
		19 900 9505 G 1/2"
		19 900 9507 G 3/4"
Free angle 	Female/Male Male/Nipple	19 900 2622 RC 1/4" - R 1/4"
		10 320 5183 R 1/4" - CEJN 320
Y-piece with couplings 	10 310 5901 CEJN 310	
	10 320 9200 CEJN 320	

Thread connections are listed according to ISO Standards (see Page 86 for more information). Check with an authorized CEJN distributor for availability and prices.



Facts and Figures

Maintenance Tips

To ensure a coupling's function, quality and lifetime, be sure to:

- Keep the coupling and nipple clean and free of excess moisture.
- Avoid front-end impacts to the coupling and nipple.
- Be sure the coupling is sealing properly and moving parts are properly lubricated.
- Check the nipples on a regular basis. If they are heavily worn or marked, replace them. Worn nipples lead to greater wear on the couplings.
- Choose the proper connection for the application. Oversized connections cause unnecessary wear to the coupling.
- When using large vibration tools, such as impact wrenches or rivet hammers, use a short hose (pigtail) between the tool and the coupling.
- Use only high-quality, clean air.

Technical Data

Air flow	Measured within an accuracy of $\pm 5\%$. The unit used is NI/min and stands for normal air liter per minute at $+20^{\circ}\text{C}$ ($+68^{\circ}\text{F}$) and 1.01325 bar (14.69595 PSI).
Burst pressure	Measured in bar within an accuracy of $\pm 3\%$.
CE Marking	EU's Pressure Equipment Directive 97/23/EC does not apply to pneumatic couplings, due to pressure constraints and total unit responsibility requirements.
Connection force	Measured in Newton (N) at 6 bar inlet pressure.
Sound level	Measured at a distance of 1 meter in front of and 1 meter beside a 90° angle in front of the object. The unit used is dB (A) and stands for decibel on the A scale.
Temperature range	Measured in Celsius within an accuracy of $\pm 2^{\circ}\text{C}$.
Vacuum	Coupling series marked for vacuum use withstand minimum 70% absolute in connected position.
Weight	Measured in grams (g) at a 10-piece average.
Working pressure	Specified in bar.

All technical data are measured according to CEJN standards. Contact CEJN for more detailed information.

Sealing Materials

MATERIALS	FEATURES	TEMPERATURE RANGE	MEDIA
NBR (Nitrile rubber Buna-N)	Resistant to water, gasoline, grease, mineral oil, heat, and alkalis. Sensitive to ozone.	-30°C to $+100^{\circ}\text{C}$ (-22°F to $+212^{\circ}\text{F}$)	Compressed air, oil, water
FPM (Fluorocarbon rubber Viton®)	Recommended for gasoline, oils, and acids. Weather-resistant. Not recommended for hot steam.	-15°C to $+200^{\circ}\text{C}$ (-5°F to $+392^{\circ}\text{F}$)	Chemicals, hot air
EPDM (Ethylene Propylene rubber EPDM/EPM)	Suitable for hot water, alkalines, and acids. Not recommended for mineral oil.	-40°C to $+150^{\circ}\text{C}$ (-40°F to $+302^{\circ}\text{F}$)	Water

Contact CEJN for more detailed information regarding sealing material and chemical compatibility with CEJN couplings.

Units, Conversion Tables, and Formulas

Pressure

FROM	TO	MULTIPLY BY	EXAMPLE
atm (atmosphere)	bar	1.01325	1.1 atm x 1.01325 = 1.115 bar
atm	MPa	0.10132	1.1 atm x 0.10132 = 0.111 MPa
atm	PSI	14.696	1.1 atm x 14.695 = 16.166 PSI
bar	atm	0.98692	10 bar x 0.98692 = 9.8692 atm
bar	MPa	0.1	10 bar x 0.1 = 1.0 MPa
bar	PSI	14.504	10 bar x 14.504 = 145 PSI
MPa (megapascal)	atm	9.8692	10 MPa x 9.8692 = 98.692 atm
MPa	bar	10	10 MPa x 10 = 100 bar
MPa	PSI	145.0	10 MPa x 145.0 = 1450 PSI
PSI (pounds / square inch)	atm	0.068	100 PSI x 0.068 = 6.80 atm
PSI	bar	0.0689	100 PSI x 0.0689 = 6.89 bar
PSI	MPa	0.00689	100 PSI x 0.00689 = 0.689 MPa

Flow

FROM	TO	MULTIPLY BY	EXAMPLE
CFM (cubic feet / minute)	l/min	28.32	100 CFM x 28.32 = 2832 l/min
CFM	l/s	0.472	100 CFM x 0.472 = 47.2 l/s
CFM	m ³ /h	1.699	100 CFM x 1.699 = 169.9 m ³ /h
l/min (liter / minute)	CFM	0.0353	100 l/min x 0.0353 = 3.5 CFM
l/min	l/s	0.0167	100 l/min x 0.0167 = 1.7 l/s
l/min	m ³ /h	0.06	100 l/min x 0.06 = 6 m ³ /h
l/s (liter / second)	CFM	2.119	10 l/s x 2.119 x 21.2 CFM
l/s	l/min	60	10 l/s x 60 = 600 l/min
l/s	m ³ /h	3.6	10 l/s x 3.6 = 36 m ³ /h
m ³ /h (cubic meter / hour)	CFM	0.5885	10 m ³ /h x 0.5885 = 5.885 CFM
m ³ /h	l/min	16.667	10 m ³ /h x 16.667 = 166.7 l/min
m ³ /h	l/s	0.2777	10 m ³ /h x 0.2777 = 2.777 l/s

Volume

FROM	TO	MULTIPLY BY	EXAMPLE
ft ³ (cubic foot)	gl UK	6.228	10 ft ³ x 6.228 = 62.28 gl UK
ft ³	gl U.S.	7.48	10 ft ³ x 7.48 = 74.8 gl U.S.
ft ³	l	28.32	10 ft ³ x 28.32 = 283.2 l
ft ³	m ³	0.0283	10 ft ³ x 0.0283 = 0.283 m ³
gl UK (gallon UK)	ft ³	0.1605	10 gl UK x 0.1605 = 1.605 ft ³
gl UK	gl U.S.	1.2009	10 gl UK x 1.2009 = 12.009 gl U.S.
gl UK	l	4.546	10 gl UK x 4.546 = 45.46 l
gl UK	m ³	0.0045	10 gl UK x 0.0045 = 0.045 m ³
gl U.S. (gallon U.S.)	ft ³	0.1336	10 gl U.S. x 0.1336 = 1.336 ft ³
gl U.S.	gl UK	0.8326	10 gl U.S. x 0.8326 = 8.326 gl UK
gl U.S.	l	3.785	10 gl U.S. x 3.785 = 37.85 l
gl U.S.	m ³	0.0037	10 gl U.S. x 0.0037 = 0.037 m ³
l (liter)	ft ³	0.0353	100 l x 0.0353 = 3.53 ft ³
l	gl UK	0.220	100 l x 0.220 = 22.0 gl UK
l	gl U.S.	0.264	100 l x 0.264 = 26.4 gl U.S.
l	m ³	0.001	100 l x 0.001 = 0.1 m ³
m ³ (cubic meter)	ft ³	35.3	10 m ³ x 35.3 = 353 ft ³
m ³	gl UK	219.96	10 m ³ x 219.96 = 2199.6 gl UK
m ³	gl U.S.	264.17	10 m ³ x 264.17 = 2641.7 gl U.S.
m ³	l	1000	10 m ³ x 1000 = 10 000 l

Force

FROM	TO	MULTIPLY BY	EXAMPLE
lbf (pound force)	kp	0.454	10 lbf x 0.454 = 4.54 kp
lbf	N	4.448	10 lbf x 4.448 = 44.48 N
kp (kilogram force)	lbf	2.205	10 kp x 2.205 = 22.05 lbf
kp	N	9.806	10 kp x 9.806 = 98.06 N
N (newton)	lbf	0.2248	10 N x 0.2248 = 2.25 lbf
N	kp	0.1020	10 N x 0.1020 = 1.02 kp

Length

FROM	TO	MULTIPLY BY	EXAMPLE
ft (foot)	inch	12	10 ft x 12 = 120 inch
ft	m	0.3048	10 ft x 0.3048 = 3.048 m
ft	mm	304.8	10 ft x 304.8 = 3048 mm
inch	ft	0.0833	10 inch x 0.0833 = 0.833 ft
inch	m	0.0254	10 inch x 0.0254 = 0.254 m
inch	mm	25.4	10 inch x 25.4 = 254 mm
m (meter)	ft	3.28083	10 m x 3.28083 = 32.8083 ft
m	inch	39.3699	10 m x 39.3699 = 393.699 inch
m	mm	1000	10 m x 1000 = 10 000 mm
mm (millimeter)	ft	0.00328	10 mm x 0.00328 = 0.0328 ft
mm	inch	0.0393	10 mm x 0.0393 = 0.393 inch
mm	m	0.001	10 mm x 0.001 = 0.01 m

Mass

FROM	TO	MULTIPLY BY	EXAMPLE
g (gram)	kg	0.001	10 g x 0.001 = 0.01 kg
g	lb	0.0022	10 g x 0.0022 = 0.022 lb
g	oz	0.0352	10 g x 0.0352 = 0.352 oz
kg (kilogram)	g	1000	10 kg x 1000 = 10 000 g
kg	lb	2.205	10 kg x 2.205 = 22.05 lb
kg	oz	35.273	10 kg x 35.273 = 352.73 oz
lb (pound)	g	453.9	10 lb x 453.9 = 4539 g
lb	kg	0.4539	10 lb x 0.4539 = 4.539 kg
lb	oz	16	10 lb x 16 = 160 oz
oz (ounce)	g	28.349	10 oz x 28.349 = 283.49 g
oz	kg	0.0283	10 oz x 0.0283 = 0.283 kg
oz	lb	0.0625	10 oz x 0.0625 = 0.625 lb

Torque

FROM	TO	MULTIPLY BY	EXAMPLE
kpm (kilo pound meter)	lbfft	7.233	10 kpm x 7.233 = 72.33 lbfft
kpm	Nm	9.81	10 kpm x 9.81 = 98.1 Nm
lbfft (pound force foot)	Nm	1.356	10 kpm x 1.356 = 13.56 Nm
lbfft	Nm	0.1383	10 kpm x 0.1383 = 1.38 kpm
Nm (newton meter)	kpm	0.1020	10 Nm x 0.1020 = 1.02 kpm
Nm	lbfft	0.7376	10 Nm x 0.7376 = 7.38 lbfft

Equivalent Chart for Hose and Hose Fittings

Hose Size

Inner Dia. x Outer Dia. in mm	Inner Dia. x Outer Dia. in inch	U.S. Nominal
5 x 8	0.196 x 0.314	3/16" (0.1875 inch)
6.5 x 10	0.255 x 0.393	1/4" (0.250 inch)
8 x 12	0.314 x 0.472	5/16" (0.3125 inch)
9.5 x 13.5	0.374 x 0.531	3/8" (0.375 inch)
11 x 16	0.433 x 0.630	7/16" (0.4375 inch)
13 x 18	0.512 x 0.709	1/2" (0.500 inch)

Hose Connection Size

Connection Size in mm	Connection Size in inch	U.S. Nominal
6.3	0.248	1/4" (0.250 inch)
10	0.393	3/8" (0.375 inch)
13	0.512	1/2" (0.5 inch)
16	0.630	5/8" (0.625 inch)
19	0.748	3/4" (0.75 inch)

Recommended Hose Dimension

Choose the correct hose kit for your application at:
www.cejn.com/hosekitguide



Connections and Thread Standards

		Connection	Ø (mm)	L (mm)
Hose Connection Standard hose barb for hose clamp		6.3 mm (1/4")	-	18.0
		8 mm (5/16")	-	18.0
		10 mm (3/8")	-	21.0
		13 mm (1/2")	-	21.0
		16 mm (5/8")	-	23.0
Stream-Line Connection Hose barb with nut cap for reusable and safe hose clamping		5 x 8 mm	-	15.0
		6.5 x 10 mm	-	17.0
		8 x 12 mm	-	19.0
		9.5 x 13.5 mm	-	21.0
		11 x 16 mm	-	25.0
R/Rc Thread Connection Conical Pipe Thread Connection According to ISO 7/1 (Other common descriptions are BSPT, Kr) <i>Male: ie. R 1/4"</i> <i>Female: ie. Rp 1/4" (parallel)</i> <i>ie. Rc 1/4" (taper)</i>		Male Thread		
		R 1/8"	10.2	7.4
		R 1/4"	13.6	11.0
		R 3/8"	17.2	11.0
		R 1/2"	21.7	15.0
		R 3/4"	27.1	16.3
		Female Thread		
		Rc 1/8"	8.3	7.4
		Rc 1/4"	11.0	11.0
		Rc 3/8"	14.5	11.4
		Rc 1/2"	18.0	15.0
		Rc 3/4"	23.5	16.3
G Thread Connection Cylindrical Pipe Thread Connection According to ISO 228/1 (Other common descriptions are BSP, R) <i>Male: ie. G 1/4"</i> <i>Female (ISO 1179): ie. G 1/4"</i>		Male Thread		
		G 1/8"	9.6	8.0
		G 1/4"	13.0	10.0
		G 3/8"	16.5	10.0
		G 1/2"	20.8	12.0
		G 3/4"	26.3	12.0
		Female Thread		
		G 1/8"	8.75	7.4
		G 1/4"	11.8	11.0
		G 3/8"	15.25	11.4
		G 1/2"	19.0	15.0
		G 3/4"	24.5	16.3
NPT Thread Connection National Pipe Thread American standard according to ANSI/ASME B 1.20.1 <i>Male and female: ie. 1/4" NPT</i>		Male Thread		
		NPT 1/8"	10.5	6.7
		NPT 1/4"	14.0	10.2
		NPT 3/8"	17.5	10.4
		NPT 1/2"	21.8	13.6
		NPT 3/4"	27.1	13.9
		Female Thread		
		NPT 1/8"	8.5	6.9
		NPT 1/4"	11.0	10.0
		NPT 3/8"	14.5	10.3
		NPT 1/2"	18.0	13.6
		NPT 3/4"	23.0	14.1

Quick Reference Guide

CEJN SERIES	141	220	300	303	310	315	320	342	408	410	430	442	550
CEJN Original Profile	●	●					●	●		●		●	
Standards													
ARO 210 Standard			●										
A-A 59439* / ISO 6150 B					●						●		●
Eurostandard						●			●				
Asian Standard						●							
Body Size	N/A	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	1/2"
Flow Diameter (mm)	2.5	5.0	5.5	6.5	5.3	7.5	7.6	7.4	9.5	10.4	9.5	10.4	11.0
Max Working Pressure (bar)**	10	35	16	16	16	16	16	35	16	16	16	35	16
Air Flow (l/min)** ***	80	580	1050	1450	925	1950	2100	1950	3450	3900	2350	3950	3750
Suitable for Vacuum Service	●	●		●					●				
Pre-applied Thread Sealant			●	●	●	●	●	●					
Multi-Link Version			●		●		●						
Integrated Soft-Line Version			●		●		●						
Safety Versions													
Vented safety coupling (ISO 4414)			●		●		●			●			●
Anti-hose whip nipple			●	●	●	●	●	●	●	●	●	●	●
Safety lock								●				●	
Connections													
Stream-Line connection			●	●	●	●	●	●	●	●	●		
CEJN-Lock connection					●		●						
Hose connection	●	●	●	●	●	●	●	●	●	●	●	●	●
Male thread	●	●	●	●	●	●	●	●	●	●	●	●	●
Female thread	●	●	●	●	●	●	●	●	●	●	●	●	●
Operation													
One-hand connection	●	●	●	●	●	●	●	●	●	●	●	●	●
One-hand disconnection	●	●	●	●	●	●	●		●	●	●		●
Two-hand disconnection								●				●	
Temperature Ranges**													
-30°C to +100°C	●	●						●				●	
-20°C to +100°C			●	●	●	●	●		●	●	●		●
Coupling Materials													
Brass	●	●											
Steel/Brass			●	●	●	●	●	●	●	●	●	●	●
Nickel plating		●											
Chrome plating	●												
Zinc plating			●	●	●	●	●	●	●	●	●	●	●
Nipple Materials													
Steel		●	●	●	●	●	●	●	●	●	●	●	●
Brass	●												
Zinc plating		●	●	●	●	●	●	●	●	●	●	●	●
Chrome plating	●												
Seal Material													
NBR (Nitrile rubber)	●	●	●	●	●	●	●	●	●	●	●	●	●
Tool Flow Requirements													
< 100 l/min	●	▬	▬	▬	▬	▬	▬	▬	▬	▬	▬	▬	▬
< 300 l/min			▬	▬	▬	▬	▬	▬	▬	▬	▬	▬	▬
< 600 l/min				▬	▬								
< 900 l/min					▬								
< 1200 l/min													
< 1500 l/min													
< 1800 l/min													
< 2100 l/min													
< 2400 l/min													
< 2700 l/min													
< 3000 l/min													
< 3300 l/min													
< 3600 l/min													

*Former U.S. Standard MIL C 4109 1/4". **Technical data for vented safety version may differ from standard version. *** With inlet pressure 6 bar at Δp 0.5).

With operations on five continents, CEJN provides high-performing, fluid-power products to customers all over the world. For more information, visit www.cejn.com.

- »  **Pneumatics** – Easy-to-handle couplings offering high efficiency and long life
-  **Gas** – Non-interchangeable couplings with automatic locking and double seals
-  **Breathing Air** – Couplings that meet stringent safety certification requirements
-  **Fluids** – Couplings for fluid and vacuum applications, including a non-drip style
-  **Hydraulics** – Heavy-duty couplings for demanding medium-pressure applications
-  **High-Pressure Hydraulics** – Quick couplings for extremely high-pressure applications
-  **WEO Plug-In** – Threadless hose fittings that simply “plug in” to ports
-  **Multi & Auto** – Couplings and nipples designed to be built into manifolds and plates
-  **Tools & Equipment** – High-quality products for quick and safe fluid handling



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