Blowgun Range

Polymer Blowguns

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Pre-Assembled with Nozzle

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Upper Connection
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Upper Connection
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Nozzles for Polymer Blowguns

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Metal Blowguns

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Blowgun Kits

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Energy-Saving
Interchangeable Nozzle
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Polymer Blowguns

The Parker Legris polymer blowgun offers **ease of use**, **energy saving**, adaptability and efficiency. These blowguns comply with **international regulations** for health, **safety** and **noise** levels.

Product Advantages

Quality & Performance

- Comply with international standards for noise and pressure regulation
- Powerful flow with progressive control
- Rotating nozzle for directional jet
- Durable, shock-resistant materials
- 100% leak and flow-tested in production
- Date coding to guarantee quality and traceability

Safety & Sustainable Development

- 40% energy consumption reduction with Energy-Saving model
- Complete user safety with the Safety model
- Wide selection of nozzles which comply with noise and pressure level regulations

Ergonomics & Versatility

- Comfortable to use
- Lightweight and easy to use
- Wide range of models and nozzles for optimum blowing power and flow rate
- Lower or upper connection



Applications

Manufacturing Workshops
Cleaning
Blowing
Mixing
Ejection
Cooling
Packaging

Technical Characteristics

Compatible Fluids	Compressed air Other fluids: contact us
Working Pressure	0 to 10 bar
Working Temperature	Air: -15°C to +50°C Dry air: -20°C to +80°C
Tubes	Recoil tubes and hose

Regulations

Compliance for all blowguns:
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

Protection of design
All designs and models of Parker Legris blowguns have been registered with the following numbers: **13224 / 13225 / 13226.**

Compliance for specific blowguns:
DI: 1910.242 (b) [OSHA]
The static pressure must be less than 30 psi in case the nozzle becomes blocked.
DI: 1910.95 (b) [OSHA]
The noise level must be less than 90 dBA over 8 hours' exposure.
DI: 2003/10/EC
Regulation relating to exposure to noise, particularly with regard to risks to hearing. The noise level must be less than 87 dBA.

Component Materials



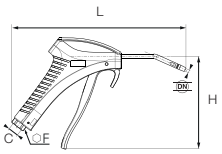
Silicone-free

Polymer Blowguns

0659 Standard Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



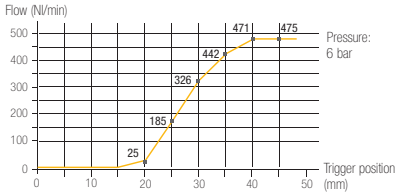
Technical polymer, nickel-plated brass, treated aluminium, NBR



C	DN		F	H	L	kg
G1/4	3.5	0659 00 13	20	120	223	0.072

Nozzle: aluminium, NPT version available.

Progressive flow depending on the trigger position



475 Nl/min

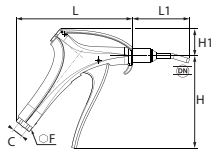
82 dBA

OSHA 1910.242 (b)
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

0654 Safety Blowgun, Lower Connection, Female BSPP Thread



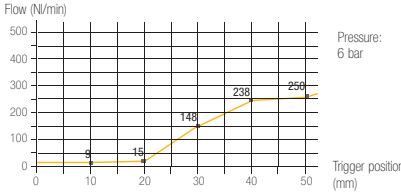
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	3	0654 00 13	20	117	35	148	73	0.189

Nozzle: nickel-plated brass, NPT version available.

Progressive flow depending on the trigger position



250 Nl/min

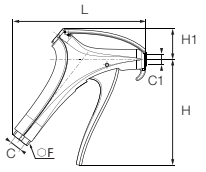
80 dBA

OSHA 1910.242 (b)
OSHA 1910.95 (b)
2003/10/EC directive:
No ear defenders necessary

0653 Energy-Saving Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread



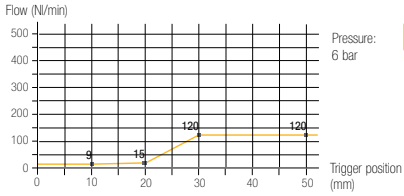
Technical polymer, nickel-plated brass, NBR



C	C1		F	H	H1	L	kg
G1/4	M12x1.25	0653 66 13	20	117	34	147	0.144

Flow characteristics depend on the type of nozzle used. Delivered without nozzle.
A value calculator for energy savings is available.

Progressive flow depending on the trigger position



120 Nl/min

80 dBA Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (b)
2003/10/EC directive:
No ear defenders necessary

Maximum Flow Rate (tolerance +/-10%)

Noise Level ISO 15744

Diffusion Cone

Compliance with Standards

Operation: Safety Blowgun



Flow stopped completely and pressure reduced to 0.5 bar

Operation: Blowgun with Safety Nozzle



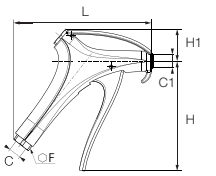
Flow diverted and pressure reduced to 0.5 bar

Polymer Blowguns

0652 Progressive Control Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread



Technical polymer, nickel-plated brass, NBR



C	C1		F	H	H1	L	kg
G1/4	M12x1.25	0652 66 13	20	117	34	147	0.163

Flow characteristics depend on the type of nozzle used.
Delivered without nozzle.

Depending on the type of nozzle

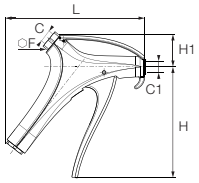
86 dBA — Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

0655 Progressive Control Blowgun, Upper Connection with Interchangeable Nozzle, Female BSPP Thread



Technical polymer, nickel-plated brass, NBR



C	C1		F	H	H1	L	kg
G1/4	M12x1.25	0655 66 13	20	117	37	145	0.014

Flow characteristics depend on the type of nozzle used.
Delivered without nozzle.

Depending on the type of nozzle

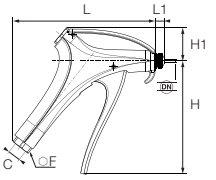
86 dBA — Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (b)
2003/10/EC directive:
Requires ear defenders to be used when exposure is > 8 hours

0651 Progressive Control Blowgun, Lower Connection with Standard Nozzle, Female BSPP Thread



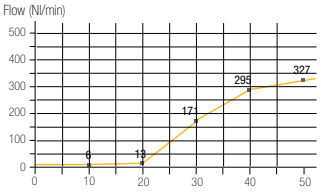
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0651 66 13	20	117	34	147	10	0.168

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



Pressure: 6 bar

327 Nl/min — Flow produced with nozzle **0690 01 00**

86 dBA

OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

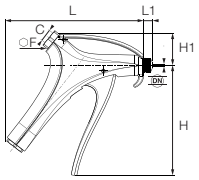
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Polymer Blowguns

0658 Progressive Control Blowgun, Upper Connection with Standard Nozzle, Female BSPP Thread



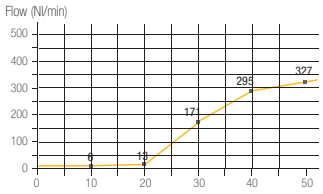
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0658 66 13	20	117	37	145	10	0.195

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



327 Nl/min Flow produced with nozzle **0690 01 00**

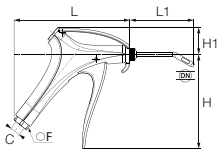
86 dBA

OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

0656 Safety Progressive Control Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP



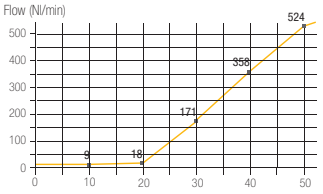
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0656 66 13	20	117	34	147	81	0.173

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



524 Nl/min Flow produced with nozzle **0690 06 01**

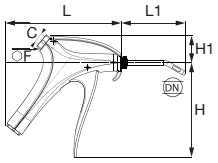
86 dBA

OSHA 1910.242 (b)
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

0657 Safety Progressive Control Blowgun, Upper Connection with Short Angled Nozzle, Female BSPP



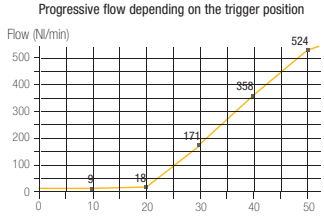
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0657 66 13	20	117	37	145	82	0.168

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



524 Nl/min Flow produced with nozzle **0690 06 01**

86 dBA

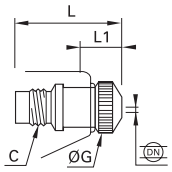
OSHA 1910.242 (b)
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

Nozzles for Polymer Blowguns

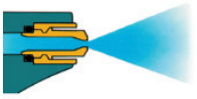
0690 01 Standard Nozzle



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 01 00	15	31	9	0.024



- Versatile use
- Progressive and powerful air jet

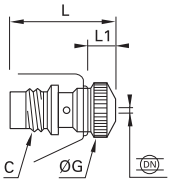
327 Nl/min | 86 dBA | 23°

OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

0690 02 Safety Nozzle



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 02 00	15	31	9	0.024



- Fluidised Powders
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

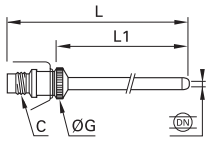
315 Nl/min | 83 dBA | 26°

OSHA 1910.95 (b)/1910.242 (b)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

0690 03 Straight Nozzle (Long)



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 03 00	15	332	307	0.068



- Restricted Access
- Progressive and powerful air jet

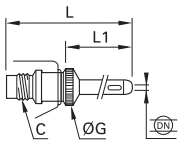
386 Nl/min | 82 dBA | 21°

OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

0690 04 Safety Straight Nozzle (Short)



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 04 00	15	102	77	0.033



- Restricted Access
- Air screen effect and directional jet
- Safety: avoids the nozzle becoming completely blocked

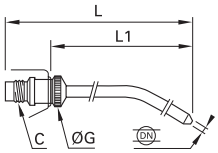
410 Nl/min | 82 dBA | 21°

OSHA 1910.242 (b)/ OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

0690 05 Angled Nozzle (Long)



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 05 00	15	316	292	0.065



- Restricted or distant access
- Progressive and powerful air jet
- 360° rotation

354 Nl/min | 82 dBA | 21°

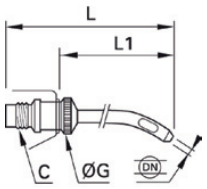
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

Nozzles for Polymer Blowguns

0690 06 Safety Angled Nozzle (Short)



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 06 00	15	94	70	0.033



- Restricted Access
- Air screen effect and 360° directional jet
- Safety: avoids the nozzle becoming completely blocked

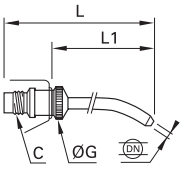
350 Nl/min | 86 dBA | 21°

OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0690 06 01 Angled Nozzle (Short)



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 06 01	15	94	70	0.033



- Difficult access
- Progressive and powerful air jet, 360° rotation

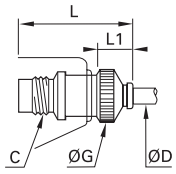
524 Nl/min | 86 dBA | 21°

OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

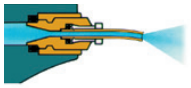
0690 07 Nozzle with LF 3000® Push-In Connection



Nickel-plated brass



ØD	C		G	L	L1	kg
4	M12x1.25	0690 07 00	15	35	13	0.024



- Restricted Access
- Progressive air jet

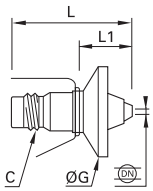
340 Nl/min (with 2.7x4 tube)
200 Nl/min (with 2x4 tube)
86 dBA | 21°

OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0690 09 Air Screen Safety Nozzle

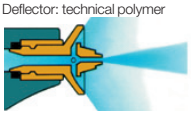


Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2	0690 09 00	30	40.5	18.5	0.021

Deflector: technical polymer



- High flow for blowing large surfaces
- Air screen and deflector to avoid particles being blown back
- Safety: avoids the nozzle becoming completely blocked

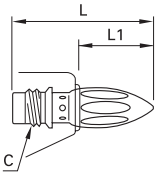
660 Nl/min | 86 dBA | 24° nozzle 140° screen

OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0690 08 COANDA Nozzle



Nickel-plated brass



C		L	L1	kg
M12x1.25	0690 08 00	47.5	26	0.033



- Directional air jet
- Very quiet, energy-saving
- Safety: avoids the nozzle becoming completely blocked

240 Nl/min | 73 dBA | 20°

OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: No ear defenders necessary

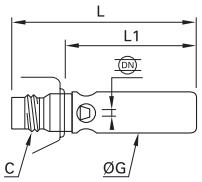
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Nozzles for Polymer Blowguns

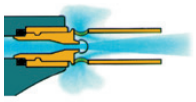
0690 10 Safety Booster Nozzle



Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 10 00	15	64	42	0.038



- High flow for blowing large surfaces
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

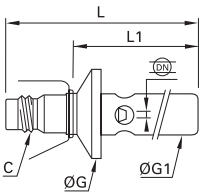
780 Nl/min | 99 dBA | 28°

OSHA 1910.242 (b)
2003/10/EC directive:
Requires ear defenders to be used at all times

0690 11 Safety Booster Nozzle with Air Screen

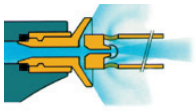


Nickel-plated brass



C	DN		G	G1	L	L1	kg
M12x1.25	2.5	0690 11 00	30	15	76	54	0.045

Deflector: technical polymer



- Same advantage as the Booster nozzle
- Safety: avoids the nozzle becoming completely blocked
- Air screen and deflector avoid particles being blown back

860 Nl/min | 99 dBA | 26° nozzle 140° screen

OSHA 1910.242 (b)
2003/10/EC directive:
Requires ear defenders to be used at all times

Metal Blowguns and Water Pistols

This range of robust blowguns guarantees a **longer service life** under **severe conditions** (crushing, impact, shock and corrosion). It includes two versions **to meet all requirements** for blowing and spraying in industrial applications.

Product Advantages

Workshop Blowgun
- Compact for easy incorporation into compressed air ring mains
- Nickel-plated forged brass for increased corrosion resistance

Water Pistol
- Intended for the transmission of water and fluids
- Designed for precise flow control and optimisation of the power and shape of the jet
- Optimum use of industrial fluids
- Excellent ergonomics and service life

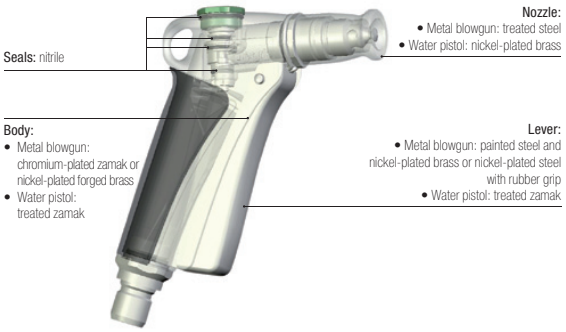


Applications
- Manufacturing Workshops
- Assembly machines
- Robotics
- Ejection
- Cooling
- Packaging
- Automotive Process

Technical Characteristics

Model	Metal Blowgun	Water Pistol
Compatible Fluids	Compressed air, industrial fluids	Water, oil, industrial fluids
Working Pressure	0 to 10 bar	0 to 20 bar
Working Temperature	Air: -15°C to +50°C Dry air: -20°C to +80°C	-20°C to +100°C
Tubes	Recoil tubes and hose	Braided hose with Parker Legris couplers

Component Materials



Silicone-free

Regulations

Compliance for all blowguns:
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

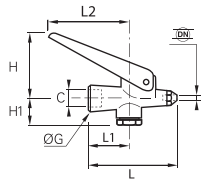
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Metal Blowguns and Water Pistols

0623 Lever-Operated Blowgun, Female BSPP Thread



Nickel-plated brass, NBR



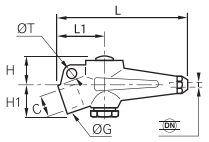
C	DN		G	H min	H max	H1	L	L1	L2	kg
G1/4	2	0623 10 35	18	19	37	21	64	28	60	0.119

This blowgun has a hardened steel nozzle.

0622 Button-Operated Blowgun, Female BSPP Thread



Nickel-plated brass, NBR



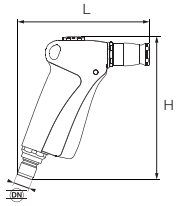
C	DN		G	H	H1	L	L1	ØT	kg
G1/4	2	0622 26 73	18	17.5	20.5	82	29	7	0.196

This blowgun has a hardened steel nozzle.

2299 Water Pistol



Zamak, nickel-plated brass, NBR



		H	L	kg
12	2299 12 01	140	126	0.471

This pistol allows independent control of:
- the flow rate (trigger)
- type of jet (adjustable to a fine mist) by the adjustable nozzle

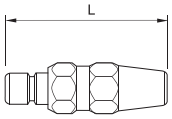
1440 Nl/min (air)
16.2 Nl/min (water)

Adjustable

2299 Adjustable Nozzle



Nickel-plated brass, NBR



		L	kg
12	2299 12 20	77.4	0.137

This nozzle allows adjustment of the spray.

Associated Products

For optimum connection and usage of the pistol and adjustable nozzle, you will find a full range of quick-acting couplers, in the Midi and Maxi Series, in Chapter 8.

Midi P. 8-43



Maxi P. 8-46



Blowgun Kits

Ready for use, **simple** and **ergonomic,** the Parker Legris blowgun kit remains an essential item of equipment for any blowing or spraying operation in the industrial environment.

Product Advantages

Ready for Use

Kit contents:
- one blowgun
- a 4 metre recoil tube
- one R1/4 threaded fitting, external diameter 8 mm

Easy to install and comfortable to use

Wide range of models and nozzles for optimum flow

Lower or upper connection

Labelling and colours can be customised

Packaging designed to facilitate self-service sales

Safety & Performance

Safe operation with the Safety or OSHA models

Durable, shock-resistant materials

100% leak and flow-tested in production

Date coding to guarantee quality and traceability

Minimum pressure drop

Optimisation of your energy consumption with the Energy-Saving model



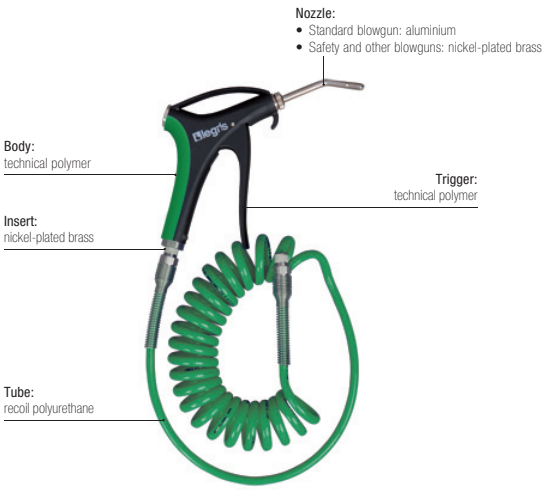
Applications

Manufacturing Workshops
Cleaning
Blowing
Mixing
Ejection
Cooling
Packaging

Technical Characteristics

Compatible Fluids	Compressed air Other fluids: contact us
Working Pressure	0 to 10 bar
Working Temperature	Air: -15°C to +50°C Dry air: -20°C to +80°C
Tubes	Recoil tubing

Component Materials



Silicone-free

Regulations

Compliance for all blowguns:
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

Protection of design
All designs and models of Parker Legris blowguns have been registered with the following numbers: **13224 / 13225 / 13226.**

Compliance for specific blowguns:
DI: 1910.242 (b) [OSHA]
The static pressure must be less than 30 psi in case the nozzle becomes blocked.
DI: 1910.95 (b) [OSHA]
The noise level must be less than 90 dBA over 8 hours' exposure.
DI: 2003/10/EC
Regulation relating to exposure to noise, particularly with regard to risks to hearing. The noise level must be less than 87 dBA.

Customisation on request

- Marking
- Kit contents adaptable to your applications
- Additional functions
- Colour

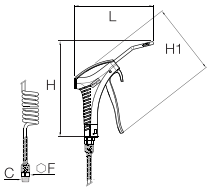


Blowgun Kits

0631..09 Blowgun Kit, Lower Connection, Male BSPT Thread



Technical polymer, nickel-plated brass, treated aluminium, NBR, polyurethane tubing



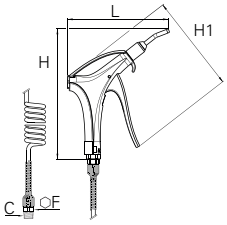
C		F	H	H1	L	kg
R1/4	0631 00 09	16	192.5	139.5	152	0.441

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0659 00 13).

0631..01 Safety Blowgun Kit, Lower Connection, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



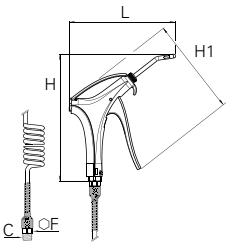
C		F	H	H1	L	kg
R1/4	0631 00 01	16	198.5	148.5	154	0.575

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0654 00 13).

0631..23 Energy Saving Blowgun Kit with Angled Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



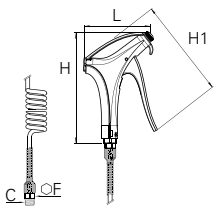
C		F	H	H1	L	kg
R1/4	0631 00 23	16	195	148.5	154	0.456

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0653 66 13).
External diameter of tube 6 mm

0631..03 Blowgun Kit, Lower Connection with Standard Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



C		F	H	H1	L	kg
R1/4	0631 00 03	16	165	148.5	99	0.528

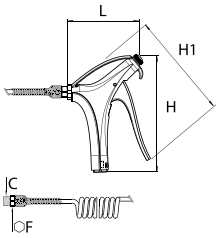
Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0651 66 13).

Blowgun Kits

0631..02 Blowgun Kit, Upper Connection with Standard Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



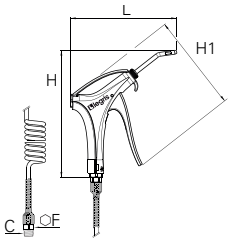
C		F	H	H1	L	kg
R1/4	0631 00 02	16	163	148.5	101	0.524

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0658 66 13).

0631..05 Blowgun Kit Lower Connection with Short Angled Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



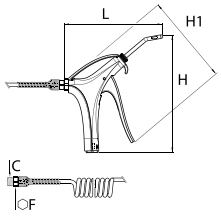
C		F	H	H1	L	Kg
R1/4	0631 00 05	16	195,5	148,5	163	0,536

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0656 66 13).

0631..04 Blowgun Kit, Lower Connection with Short Angled Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



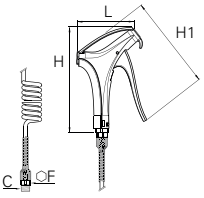
C		F	H	H1	L	kg
R1/4	0631 00 04	16	195	148.5	163.5	0.536

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0657 66 13).

0631..07 Blowgun Kit, Lower Connection with Interchangeable Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



C		F	H	H1	L	kg
R1/4	0631 00 07	16	163	148.5	91	0.617

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0656 66 13).
Delivered without nozzle.

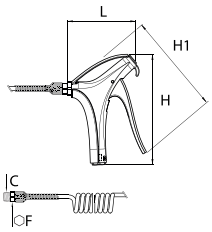
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Blowgun Kits

0631..06 Blowgun Kit, Upper Connection with Interchangeable Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



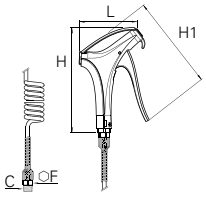
C		F	H	H1	L	kg
R1/4	0631 00 06	16	161.5	148.5	93	0.501

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0655 66 13).
Delivered without nozzle.

0631..08 Energy Saving Blowgun Kit, Lower Connection, Interchangeable Nozzle, Male BSPT Thread



Technical polymer, nickel-plated brass, NBR, polyurethane tubing



C		F	H	H1	L	kg
R1/4	0631 00 08	16	163	148.5	91	0.496

Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0653 66 13).
Delivered without nozzle.