Blowguns

Standard Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

3.5 mm

Safety Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

(DN):3 mm

Energy-Saving Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

according to nozzle

Versatile Blowguns (P. 7-6)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

according to nozzle

Metal Blowguns [P. 7-14]



Fluids: compressed air

Materials: forged nickel-plated brass, NBR

Pressure: 10 bar

Temperature: - 15°C to +50°C

(DN): 2 mm

Water Pistol (P. 7-14)



Fluids: industrial fluids and water

Materials: zamak, NBR

Pressure: 20 bar

Temperature: -20°C to +100°C

<u>DN</u>: 12 mm

Blowgun Kits (P. 7-16)



Fluids: compressed air

Materials: technical polymer

Pressure: 10 bar

Temperature: -15°C to +50°C

according to model

Nozzles (P. 7-10)



Fluids: compressed air

Materials: nickel-plated brass

Pressure: 10 bar

Temperature: -15°C to +50°C according to model

Blowgun Range

Polymer Blowguns

Standard

0659

Safety

0654



Energy-Saving

0653 Lower Connection Page 7-7



With Interchangeable Nozzle

0652 Lower Connection Page 7-8



0655 Upper Connection Page 7-8



Pre-Assembled with Nozzle

0651 Lower Connection Page 7-8





0656 Lower Connection Page 7-9



0657 Upper Connection Page 7-9



Nozzles for Polymer Blowguns

0690 01 Standard Page 7-10



0690 02 Safety Page 7-10



0690 03 Straight Tube (long) Page 7-10



0690 04 Straight Tube (short), Safety Page 7-10



0690 05 Angled Tube (long) Page 7-10



0690 06Angled Tube (short) Safety Page 7-11



0690 06 01 Angled Tube (short) Page 7-11



0690 07 LF 3000® Nozzle Page 7-11



0690 08 Coanda Page 7-11



0690 09 Air Screen



0690 10





0690 11 Booster with Air Screen

*

Metal Blowguns

Button-Operated

0623 Page 7-15 Lever-Operated

0622 Page 7-15



2299Page 7-15



Water Pistol

9

Blowgun Kits

0631..09Standard
Page 7-17



0631..01 Safety Page 7-17



0631..23 Energy-Saving Page 7-17



0631..03 0631..02 Standard Nozzle Page 7-17/18



0631..05 0631..04 Angled Nozzle, Safety Page 7-18



0631..07 0631..06Interchangeable Nozzle Page 7-18/19



0631..08Energy-Saving
Interchangeable Nozzle
Page 7-19



Applications

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



Manufacturing Workshops
Cleaning
Blowing
Mixing
Ejection
Cooling
Packaging

Technical Characteristics

Compatible	Compressed air
Fluids	Other fluids: contact us
Working Pressure	0 to 10 bar
Working	Air: -15°C to +50°C
Temperature	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.

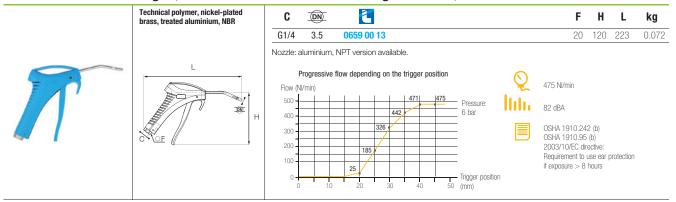
DI: 2003/10/EC

Regulation relating to exposure to noise, particularly with regard to risks to hearing. The noise level must be less than 87 dBA.

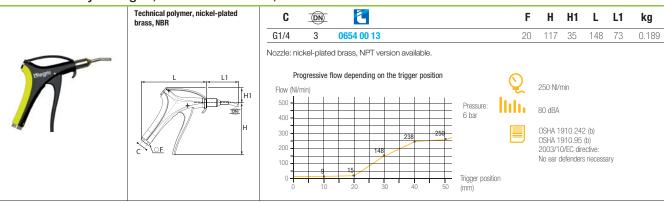


Polymer Blowguns

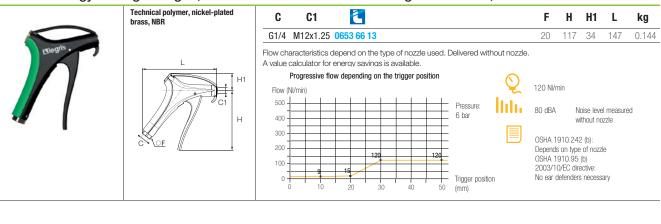
0659 Standard Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



0654 Safety Blowgun, Lower Connection, Female BSPP Thread



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



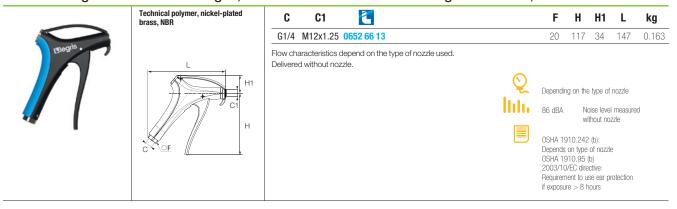




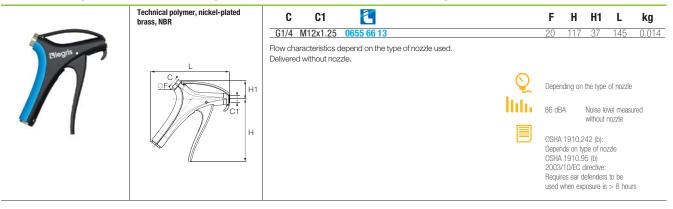
Flow stopped completely and pressure reduced to 0.5 bar Flow diverted and pressure reduced to 0.5 bar

Polymer Blowguns

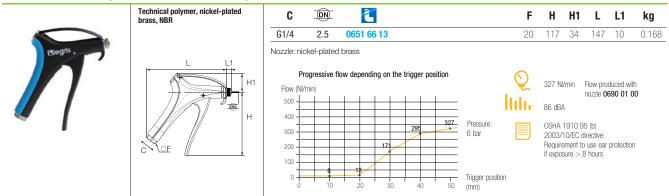
0652 Progressive Control Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread



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

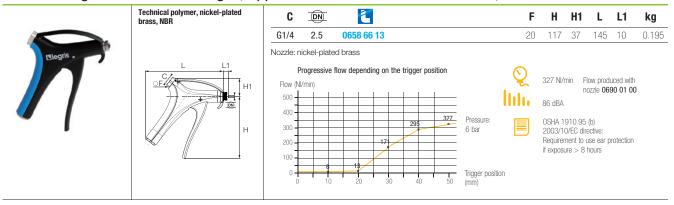


Progressive Control Blowgun, Lower Connection with Standard Nozzle, Female BSPP Thread

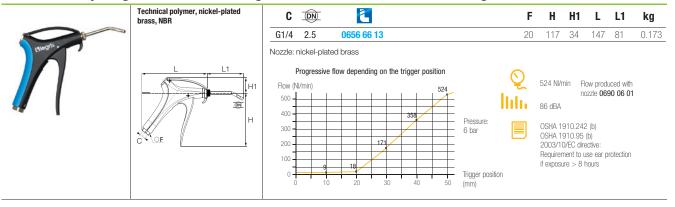


Polymer Blowguns

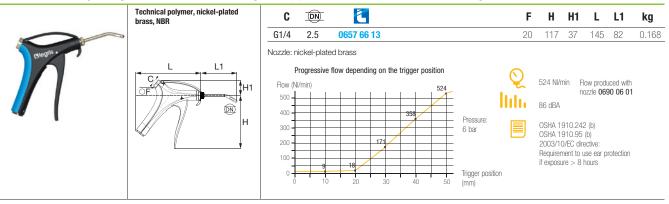
0658 Progressive Control Blowgun, Upper Connection with Standard Nozzle, Female BSPP Thread



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

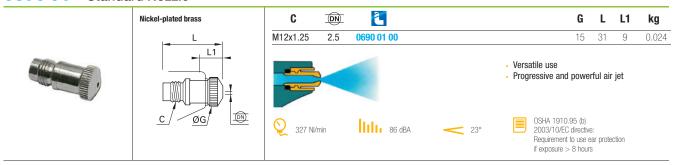


0657 Safety Progressive Control Blowgun, Upper Connection with Short Angled Nozzle, Female BSPP

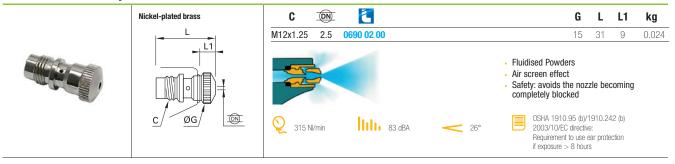


Nozzles for Polymer Blowguns

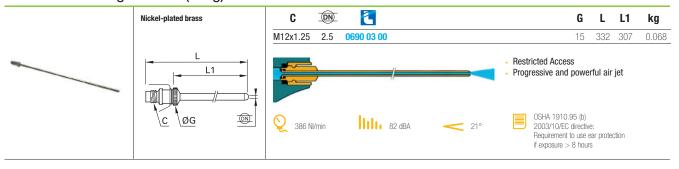
0690 01 Standard Nozzle



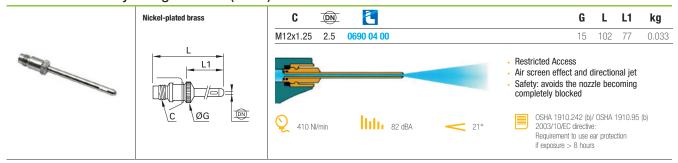
0690 02 Safety Nozzle



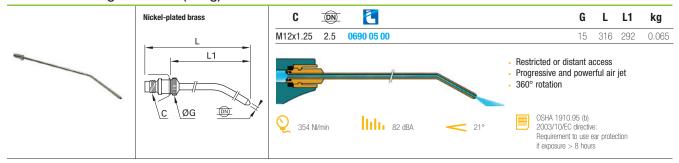
0690 03 Straight Nozzle (Long)



0690 04 Safety Straight Nozzle (Short)



0690 05 Angled Nozzle (Long)

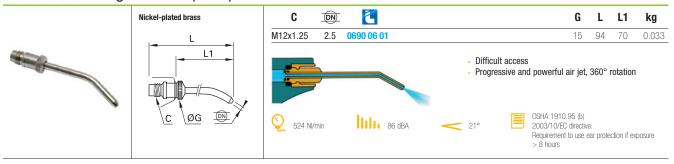


Nozzles for Polymer Blowguns

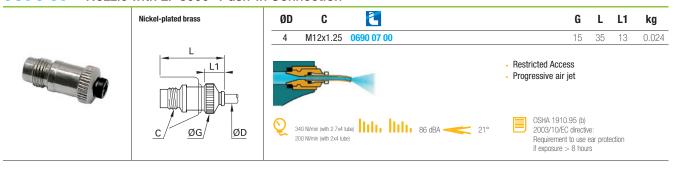
0690 06 Safety Angled Nozzle (Short)



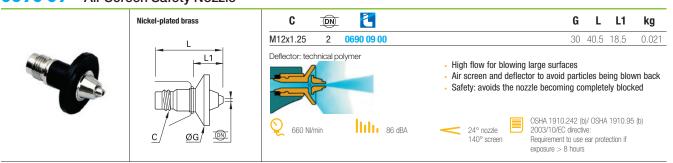
0690 06 01 Angled Nozzle (Short)



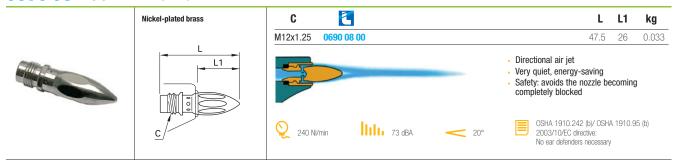
0690 07 Nozzle with LF 3000® Push-In Connection



0690 09 Air Screen Safety Nozzle

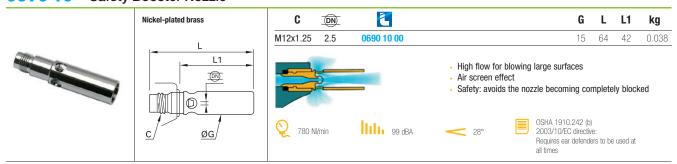


0690 08 COANDA Nozzle

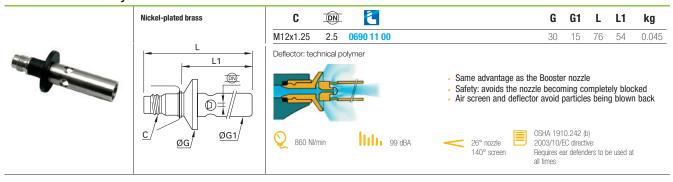


Nozzles for Polymer Blowguns

0690 10 Safety Booster Nozzle



0690 11 Safety Booster Nozzle with Air Screen



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

Robotics Ejection Cooling Packaging Automotive Process

Manufacturing Workshops

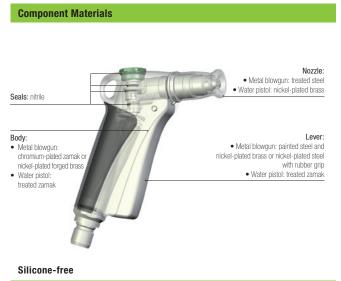
Assembly machines



Applications

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



Regulations

Compliance for all blowguns:

DI: 97/23/EC (PED)

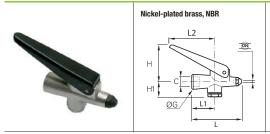
DI: 2002/95/EC (RoHS), 2011/65/EC

DI: 1907/2006 (REACH)

Industrial Blowguns

Metal Blowguns and Water Pistols

0623 Lever-Operated Blowgun, Female BSPP Thread

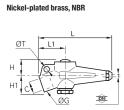


C	DN	1	G	H min	H max	H1	L	L1	L2	kg
G1/4	2	0623 10 35	18	19	37	21	64	28	60	0.119

This blowgun has a hardened steel nozzle.

0622 Button-Operated Blowgun, Female BSPP Thread





C	DN	1	G	Н	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





		H L	kg
12	2299 12 01	140 126	0.471
This pistol a	llows independent control of:		

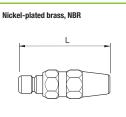
- the flow rate (trigger)
- type of jet (adjustable to a fine mist) by the adjustable nozzle



Adjustable

2299 Adjustable Nozzle







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.









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

for Use

Ready 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



Manufacturing Workshops Cleaning Blowing

Mixing Ejection Cooling Packaging

Technical Characteristics

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

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 · Standard blowgun; aluminium Safety and other blowguns: nickel-plated brass technical polyme technical polymer Insert: nickel-plated brass recoil polyurethane

Customisation on request

Marking

Silicone-free

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





Blowgun Kits

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



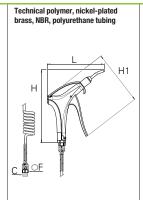


C	€	F H H1 L	kg
R1/4	0631 00 09	16 192.5139.5 152	0.441

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



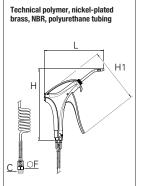


C		F	Н	H1	L	kg
R1/4	0631 00 01	16	198.5	148.5	154	0.575

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



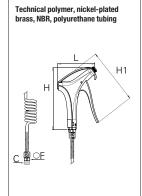


C	•	F	Н	H1 L	kg
R1/4	0631 00 23	16	195	148.5 154	0.456

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



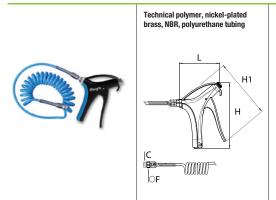


C	€	F	Н	H1	L	kg
R1/4	0631 00 03	16	165	148.5	99	0.528

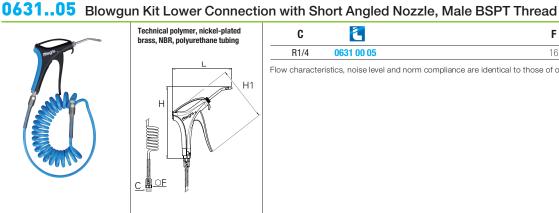
Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0651 66 13).

Blowgun Kits

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



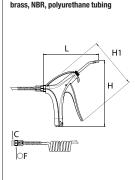
C	1	F	Н	H1	L	kg		
R1/4	0631 00 02	16	163	148.5	101	0.524		
Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0658 66 13).								



C	1	F	Н	H1	L	Kg
R1/4	0631 00 05	16	195,5	5 148,5	163	0,536
Flow characte	ristics, noise level a	nd norm compliance are identical to those of or	ır blow	/guns (i	0656 66	3 13).

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





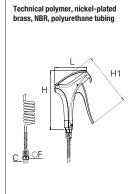
Technical polymer, nickel-plated

C	*	F	Н	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 blowquns (0657 66 13).

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



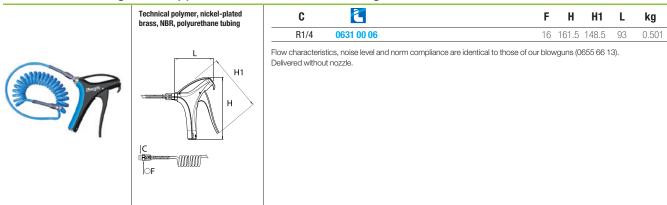


C	1	F	Н	H1	L	kg
R1/4	0631 00 07	16	163	148.5	91	0.617

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

Blowgun Kits

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



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

