

Blowguns

Standard Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

IN: 3.5 mm

Safety Blowgun (P. 7-7)



Fluids: compressed air

Materials: technical polymer, NBR

Pressure: 10 bar

Temperature: -15°C to +50°C

<u>IDN</u>:3 mm

Energy-Saving Blowgun (P. 7-8)



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

(DN): 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. 7-11)



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



SUVA Safety

0654



Energy-Saving

0653 Lower Connection Interchangeable Nozzle



0653 Lower Connection Page 7-8



With Interchangeable Nozzle

0652 Lower Connection



0655 Upper Connection Page 7-8



Pre-Assembled with Nozzle





0656 Lower Connection Page 7-9

0657 Upper Connection Page 7-9

Merchandising Box

065.. 13 02



Nozzles for Polymer Blowguns

069001





0690 06 01 Angled Tube (short)







0690 07 LF 3000® Nozzle





Straight Tube (long) Page 7-11



0690 08





069004 Straight Tube (short), Safety Page 7-11



069009 Air Screen



0690 05 Angled Tube (long) Page 7-11



069010

Booster



0690 06

Angled Tube (short) Safety Page 7-12



069011 Booster with Air Screen



Metal Blowguns

Lever-Operated

0623 Page 7-15



Button-Operated

0622 Page 7-15



Water Pistol

2299 Page 7-15



2299 Page 7-15



Blowgun Kits

0631..09 Standard Page 7-17



0631..07 0631..06 Interchangeable Nozzle

0631..01

Safety Page 7-17



0631..08 Energy-Saving Interchangeable Nozzle





0631..30 Safety, SUVA-Certified

0631..23 Energy-Saving





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



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



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.



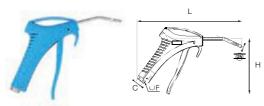
0659 Standard Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread

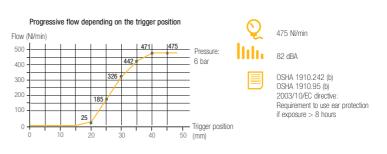
Technical polymer, nickel-plated brass, treated aluminium, NBR

 C
 DN
 F
 H
 L
 Kg

 G1/4
 3.5
 0659 00 13
 20
 120
 223
 0.072

Nozzle: aluminium, NPT version available





0654 Safety Blowgun, Lower Connection, Female BSPP Thread

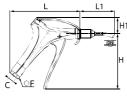
Technical polymer, nickel-plated brass, NBR

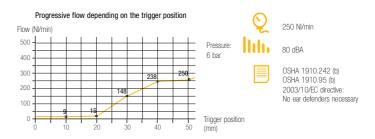
 C
 DN
 F
 H
 H1
 L
 L1
 Kg

 G1/4
 3
 0654 00 13
 20
 117
 35
 148
 73
 0.189

Nozzle: nickel-plated brass, NPT version available.







0654 SUVA Safety Blowgun, Lower Connection, Female BSPP Thread

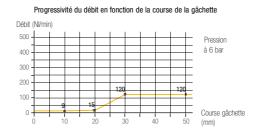
Technical polymer, nickel-plated brass, NBR

 C
 DN
 E
 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.









Maximum Flow Rate (tolerance +/-10%)

Ililii

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

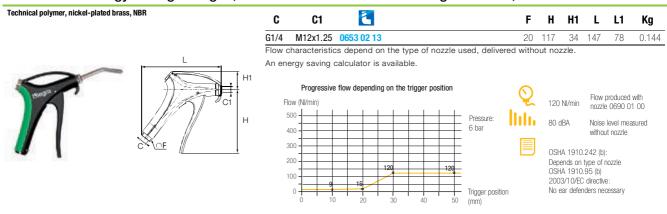


Flow diverted and pressure reduced to 0.5 bar

10653 Energy Saving Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR 0.163 M12x1.25 0652 66 13 20 34 147 Flow characteristics depend on the type of nozzle used Delivered without nozzle. Progressive flow depending on the trigger position Flow produced with Flow (NI/min) nozzle 0690 01 00 80 dBA Noise level measured 6 bar 400 300 OSHA 1910.242 (b): 200 Depends on type of nozzle OSHA 1910.95 (b) 120 100 2003/10/EC directive Trigger position (mm) No ear defenders necessary

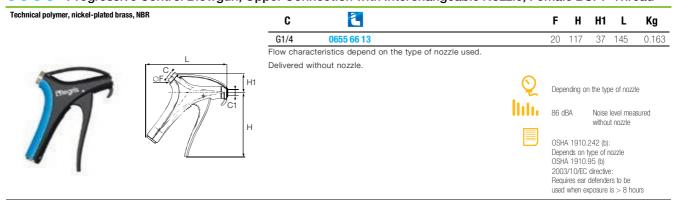
0653 Energy Saving Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



10652 Progressive Control Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR C1 Kg M12x1.25 0652 66 13 147 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 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

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

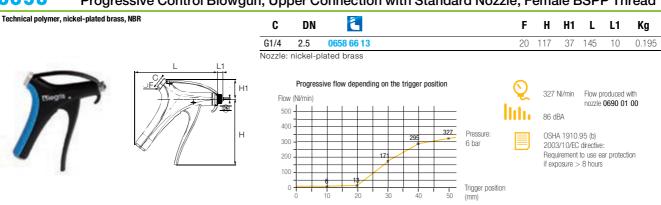


Progressive Control Blowgun, Lower Connection with Standard Nozzle, Female BSPP Thread

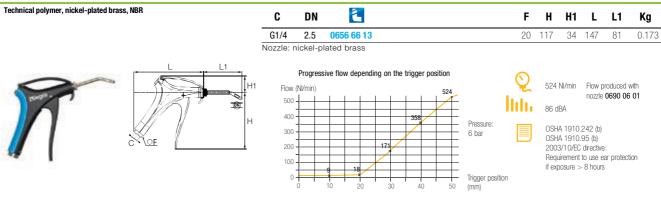
Technical polymer, nickel-plated brass, NBR G1/4 2.5 0651 66 13 34 0.168 Nozzle: nickel-plated brass Progressive flow depending on the trigger position 327 NI/min Flow produced with Flow (NI/min) nozzle **0690 01 00** 500 -86 dBA 327 OSHA 1910 95 (b) 6 bar 2003/10/EC directive Requirement to use ear protection

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

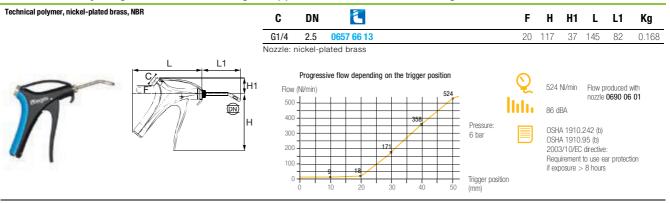
Trigger position



10656 Progressive Control Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



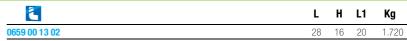
0657 Safety Progressive Control Blowgun, Upper Connection with Short Angled Nozzle, Female BSPP Thread



Merchandising Box of Polymer Blowguns

Merchandising Box - 10 Standard Blowguns





The box includes 10 blowguns 0659 00 13.

0654 Merchandising Box - 10 Safety Blowguns



	L	Н	L1	Kg
0654 00 13 02	28	16	20	1.890

The box includes 10 blowguns 0654 00 13

Merchandising Box - 10 SUVA Safety Blowguns





	L	Н	L1	Kg
0654 01 13 02	28	16	20	2.356

The box includes 10 blowguns 0654 01 13.

suvapro CERTIFICATION

0653 Merchandising Box - 10 Energy-Saving Blowguns





•	L	Н	L1	Kg
0653 02 13 02	28	16	20	1.900

The box includes 10 blowguns 0653 02 13.

0656 Merchandising Box - 10 Progressive Control Blowguns

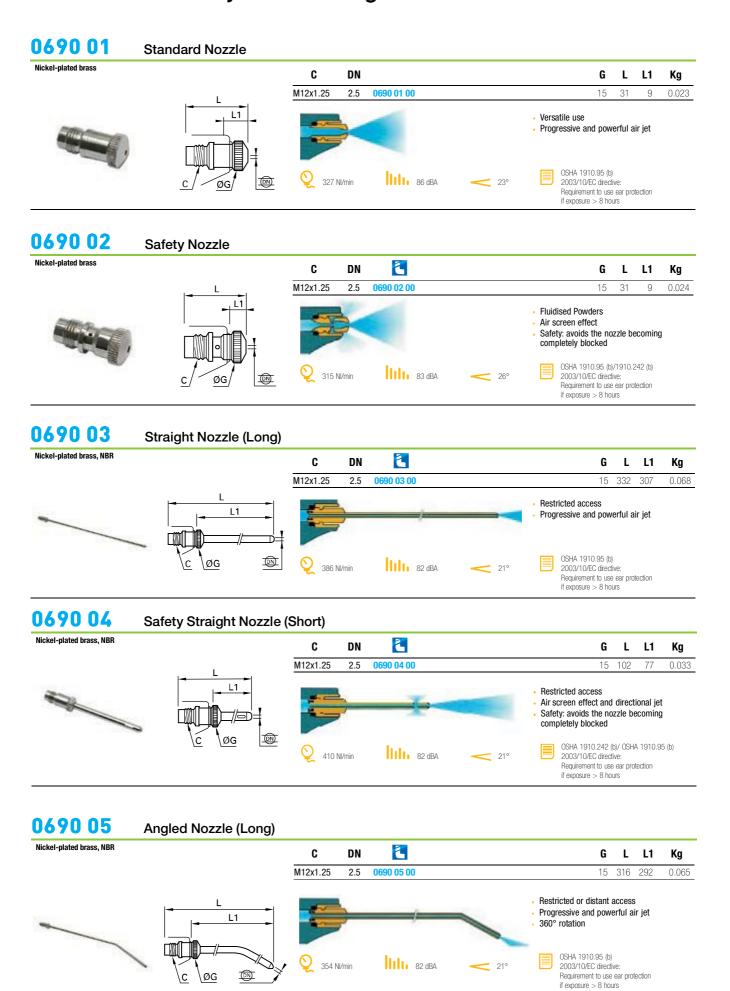




E	L	Н	L1	Kg
0656 66 13 02	28	16	20	1.730

The box includes 10 blowguns 0656 66 13.

Nozzles for Polymer Blowguns



Nozzles for Polymer Blowguns

0690 06 Safety Angled Nozzle (Short) Nickel-plated brass, NBR 1 DN G L L1 Kg M12x1.25 2.5 0690 06 00 94 70 0.033 15 L1 Restricted access Air screen effect and 360° directional jet Safety: avoids the nozzle becoming completely blocked OSHA 1910.242 (b)/ OSHA 1910.95 (b) 86 dBA < 21° 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours **0690 06 01** Angle Nozzle (Short) Nickel-plated brass, NBR 1 C Kg DN G L1 M12x1.25 0.034 L1 · Progressive and powerful air jet, 360° rotation





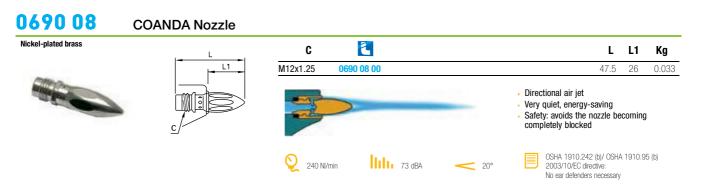
524 NI/min

86 dBA

21°

0690 09 Air Screen Safety Nozzle



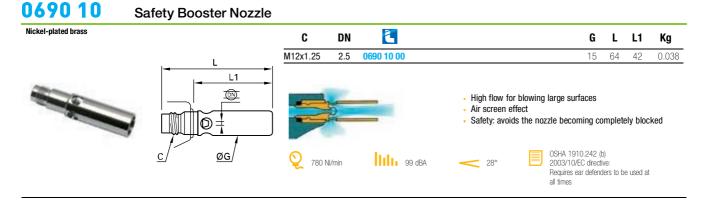


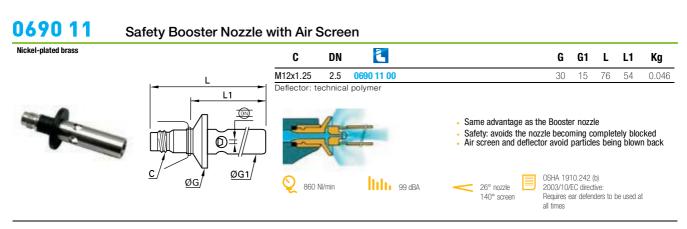
OSHA 1910.95 (b)

2003/10/EC directive:

Requirement to use ear protection if exposure

Nozzles for Polymer Blowguns





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

Blowgun

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

Water Pistol

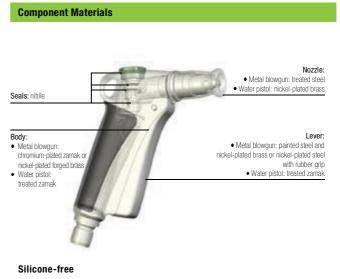
Intended for the transmission of water and fluids Designed for precise flow control and optimisation of the power and shape of the jet Optimum use of industrial fluids Excellent ergonomics and service life



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



Regulations

Compliance for all blowguns:

DI: 97/23/EC (PED)

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

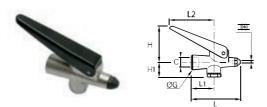
DI: 1907/2006 (REACH)

Industrial Blowguns

Metal Blowguns and Water Pistols

10623 Lever-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, zinc-plated blister steel, NBR

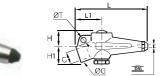


C	DN	€	G	H min	H max	H1	L	L1	L2	Kg
G1/4	2	0623 10 35	18	19	37	21	64	28	60	0.119

This blowgun has a hardened steel nozzle.

0622 Button-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, zinc-plated blister steel, NBR



C DN G H H1 L L1 ØT Kg
G1/4 2 0622 2673 18 17.5 20.5 82 29 7 0.199

This blowgun has a hardened steel nozzle.

2299 Water Pistol

Zamak, nickel-plated brass, NBR





DN	1	н	L	Kg
12	2299 12 01	140	126	0.468

This pistol allows independent control of:

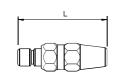
- the flow rate (trigger)
- type of jet (adjustable to a fine mist) by the adjustable nozzle

Q 1440 N/min (air) 16.2 N/min (eau) Ajustable

2299 Adjustable Nozzle

Nickel-plated brass, NBR





DN	€	L	Kg
12	2299 12 20	77.4	0.137

This nozzle allows adjustment of the spray.

Related 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.









Applications

Packaging

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

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

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.

Nozzle: • Standard blowgun: aluminium • Safety and other blowguns: nickel-plated brass Body: technical polymer Trigger: technical polymer Insert: nickel-plated brass Tube: recoil polyurethane

Customisation on request

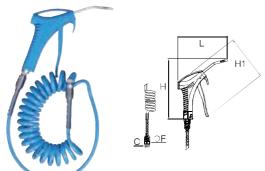
- Marking
- Kit contents adaptable to your applications
- Additional functions
- Colour



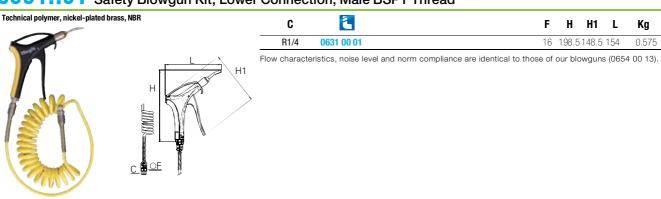
Blowgun Kits

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

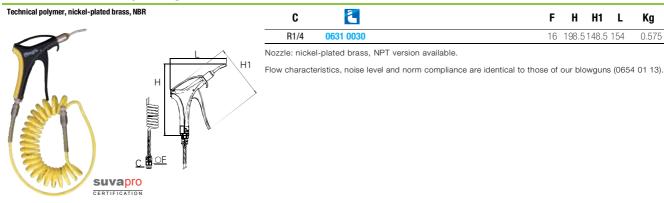
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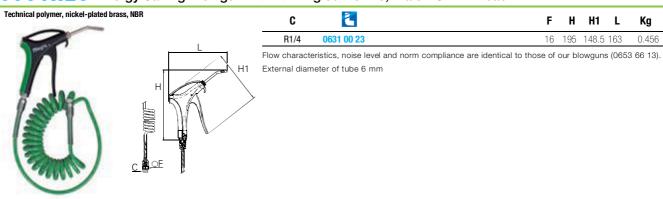
0631...01 Safety Blowgun Kit, Lower Connection, Male BSPT Thread



0631...30 Safety Blowgun, Lower Connection, Female BSPP Thread

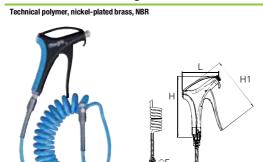


0631...23 Energy Saving Blowgun Kit with Angled Nozzle, Male BSPT Thread



Blowgun Kits

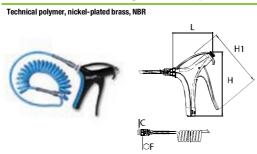
0631...03 Blowgun Kit, Lower Connection with Standard Nozzle, Male BSPT Thread



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).

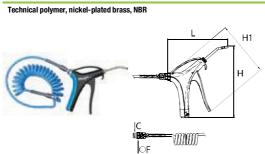
0631...02 Blowgun Kit, Upper Connection with Standard Nozzle, Male BSPT Thread



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).

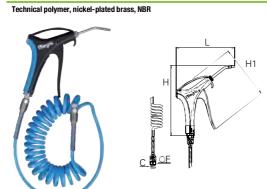
0631...04 Blowgun Kit, Upper Connection with Short Angled Nozzle, Male BSPT Thread





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

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



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 blowquns (0656-66-13

Blowgun Kits

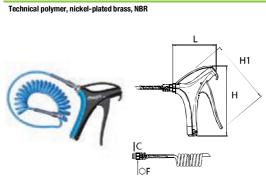
0631...07 Blowgun Kit, Lower Connection with Interchangeable Nozzle, Male BSPT Thread



С	•	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.

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

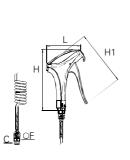


C F H H1 L Kg R1/4 0631 00 06 16 161.5 148.5 93 0.501

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





C	•	F	Н	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.

Notes	
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Notes	