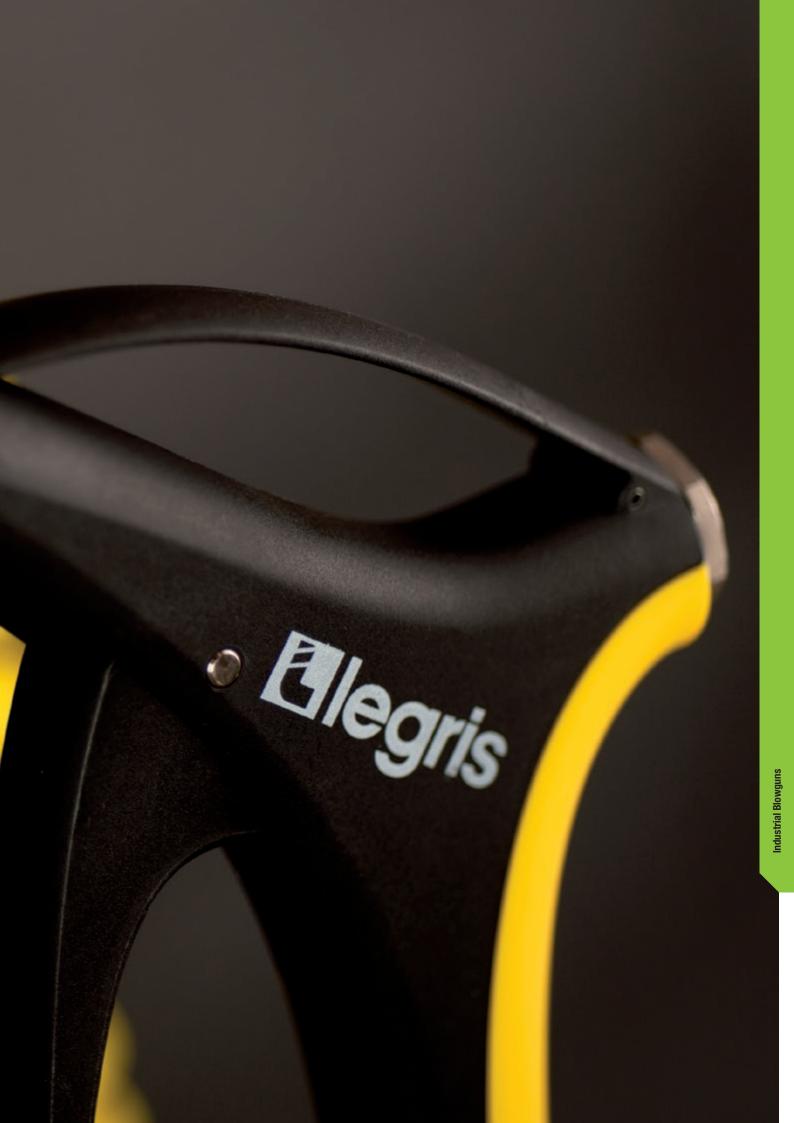
# Industrial Blowguns

Polymer

Metal

Kits



# **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. 7-8)



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

<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. 7-11)



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 Page 7-8



0653 Lower Connection Page 7-8



With Interchangeable Nozzle

Lower Connection Page 7-8



Upper Connection Page 7-8



Pre-Assembled with Nozzle

0651 Lower Connection Page 7-9



Upper Connection Page 7-9



0656 **Lower Connection** Page 7-9



Upper Connection Page 7-9

Merchandising Box

065.. 13 02



## **Nozzles for Polymer Blowguns**

0690 01

Standard Page 7-11



0690 06 01 Angled Tube (short)



069002

Safety Page 7-11



**0690 07** LF 3000<sup>®</sup> Nozzle



0690 03

Straight Tube (long) Page 7-11

0690 08

Coanda



Straight Tube (short), Safety Page 7-11



0690 09 Air Screen

0690 04

Angled Tube (long) Page 7-11

0690 05







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 Page 7-17



0631..23 Energy-Saving Page 7-17



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



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



# 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.



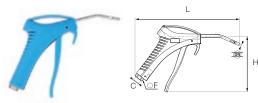
# Polymer Blowguns

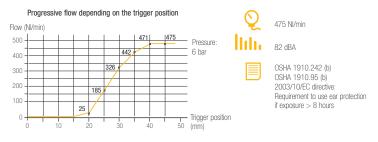
## 0659 Standard Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread

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

Kg G1/4 0659 00 13 0.072 3.5 20 120 223

Nozzle: aluminium, NPT version available





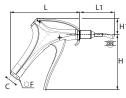
### 0654 Safety Blowgun, Lower Connection, Female BSPP Thread

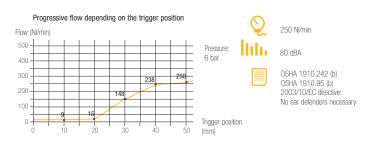
Technical polymer, nickel-plated brass, NBR

C DN Н H1 L1 Kg G1/4 0654 00 13 0.189 20 35 148 3

Nozzle: nickel-plated brass, NPT version available

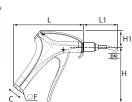


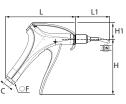




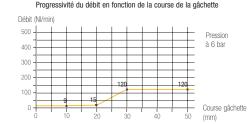
## 0654 SUVA Safety Blowgun, Lower Connection, Female BSPP Thread

Technical polymer, nickel-plated brass, NBR





C	DN	<b>E</b>	F	Н	H1	L	L1	Kg	
G1/4	3	0654 00 13	20	117	35	148	73	0,189	
Nozzlo:	Nozzlo: pickal platod brass, NPT varsion available								



80 dBA OSHA 1910.242 (b) OSHA 1910.95 (b) Directive 2003/10/CE Aucun écouteur auditif nécessaire SUVA: 7030d et 7030e

120 NI/min



Maximum Flow Rate (tolerance +/-10%)

suvapro

Noise Level ISO 15744



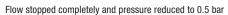
Diffusion Cone



Compliance with Standards

## **Operation: Safety Blowgun**





# **Operation: Blowgun with Safety Nozzle**



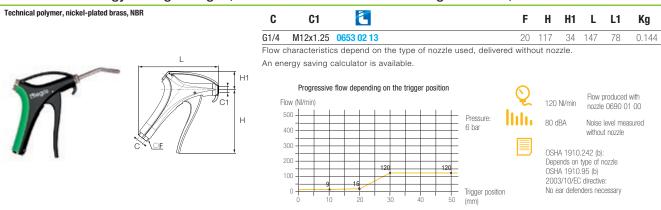
Flow diverted and pressure reduced to 0.5 bar

# Polymer Blowguns

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

Technical polymer, nickel-plated brass, NBR C1 Kg M12x1.25 0652 66 13 20 117 34 147 0.163 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) 120 NI/min Noise level measured 6 bar 400 without nozzle 300 OSHA 1910.242 (b): 200 Depends on type of nozzle OSHA 1910.95 (b) 100 2003/10/EC directive No ear defenders necessary Trigger position (mm)

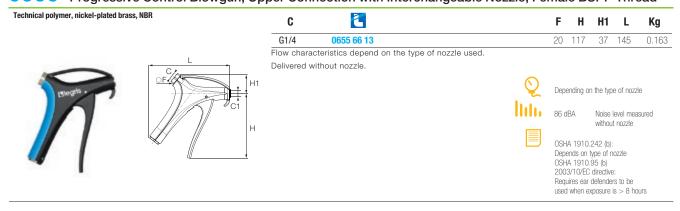
# Energy Saving Blowgun, Lower Connection with Short Angled Nozzle, Female BSPP Thread



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

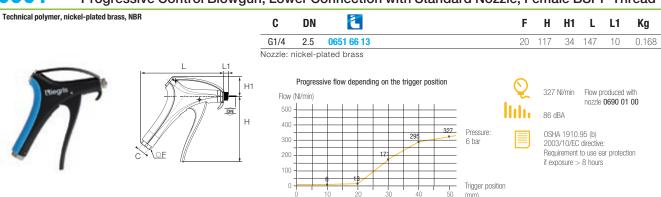
Technical polymer, nickel-plated brass, NBR 1 C1 Kg M12x1.25 0652 66 13 0.163 Flow characteristics depend on the type of nozzle used Delivered without nozzle Depending on the type of nozzle Noise level measured 86 dRA OSHA 1910.242 (b): Depends on type of nozzle OSHA 1910.95 (b) 2003/10/EC directive Requirement to use ear protection if exposure > 8 hours

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

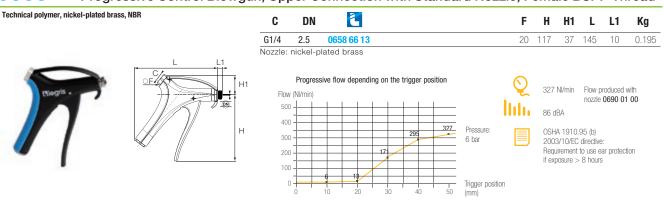


# Polymer Blowguns

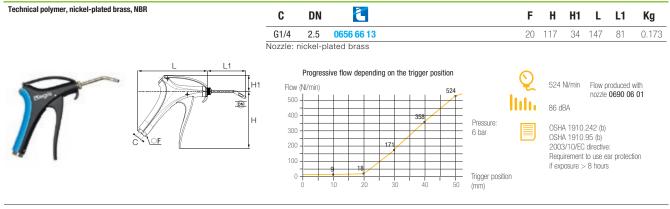
Progressive Control Blowgun, Lower Connection with Standard Nozzle, Female BSPP Thread



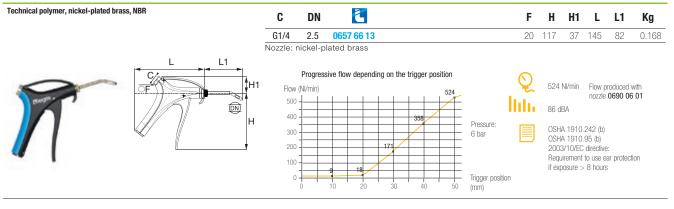
Progressive Control Blowgun, Upper Connection with Standard Nozzle, Female BSPP Thread



# 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

# **0659** Merchandising Box - 10 Standard Blowguns





	L	Н	L1	Kg
0659 00 13 02	28	16	20	1.720

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





<b>7</b>			_	ш	11	Va	
			_	п	LI	кy	
0653 02 13 (	02		28	16	20	1.900	•

The box includes 10 blowguns 0653 02 13.

# **0656** Merchandising Box - 10 Progressive Control Blowguns

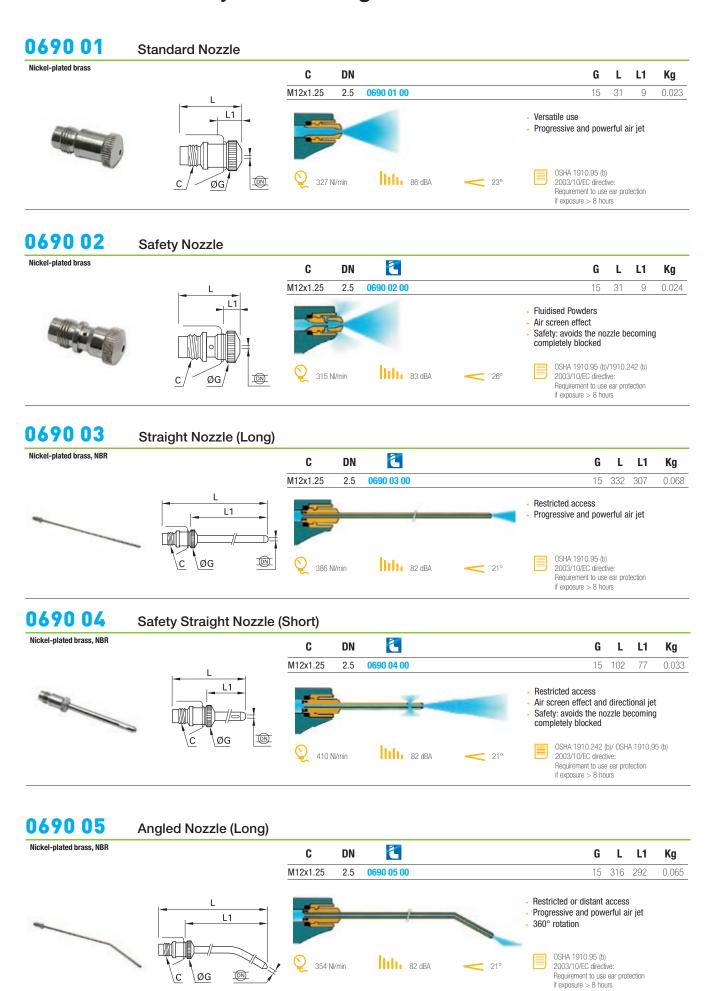




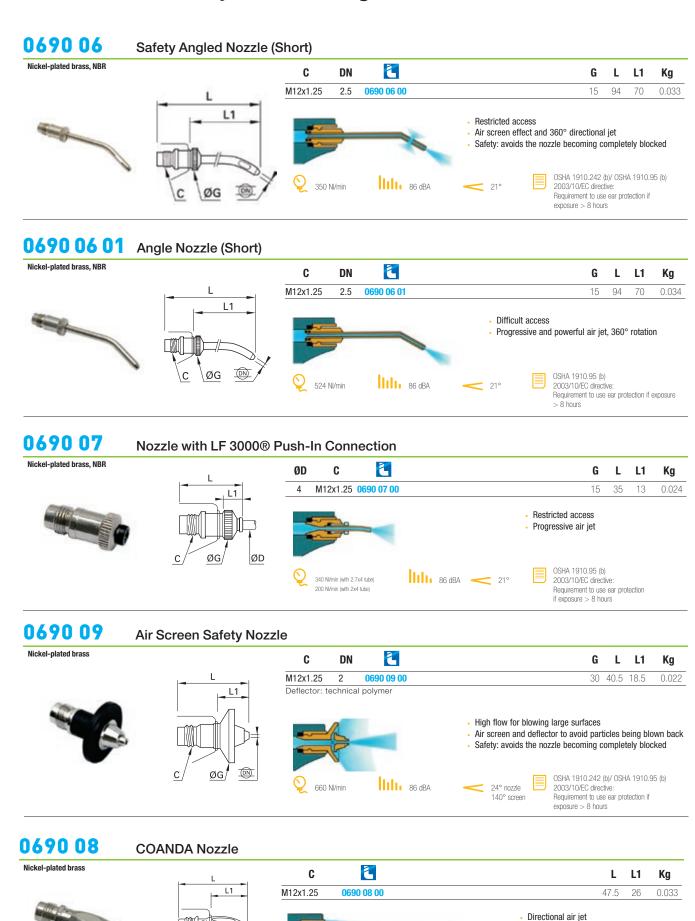
<u> </u>	L	Н	L1	Kg
0656 66 13 02	28	16	20	1.730

The box includes 10 blowguns 0656 66 13.

# Nozzles for Polymer Blowguns



# Nozzles for Polymer Blowguns



73 dBA

240 NI/min

Very quiet, energy-saving Safety: avoids the nozzle becoming

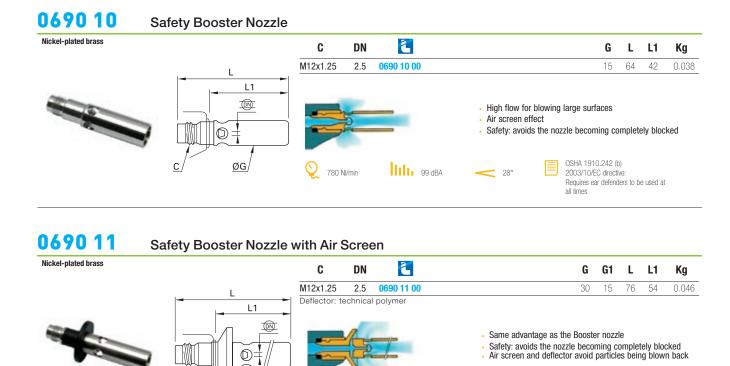
OSHA 1910.242 (b)/ OSHA 1910.95 (b)

2003/10/EC directive: No ear defenders necessary

completely blocked

# Nozzles for Polymer Blowguns

ØG1/



860 NI/min

99 dBA

OSHA 1910.242 (b) 2003/10/EC directive:

Requires ear defenders to be used at all times

26° nozzle

140° 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

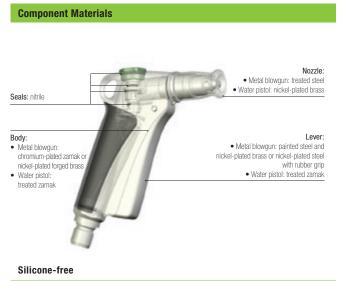
Intended for the transmission of water and fluids Designed for precise flow control and optimisation of the power and shape of the jet Optimum use of industrial fluids Excellent ergonomics and service life



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)

0623

# Lever-Operated Blowgun, Female BSPP Thread

Metal Blowguns and Water Pistols

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

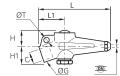
This blowgun has a hardened steel nozzle.

## 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 26 73 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	•	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

1440 NI/min (air) 16.2 NI/min (eau)

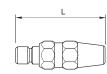


# 2299

## 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.







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 nickel-plated brass recoil polyurethane

# **Customisation on request**

Marking

Silicone-free

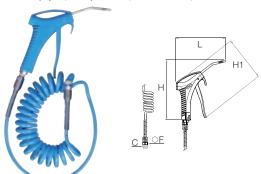
- Kit contents adaptable to your applications
- Additional functions
- Colour



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

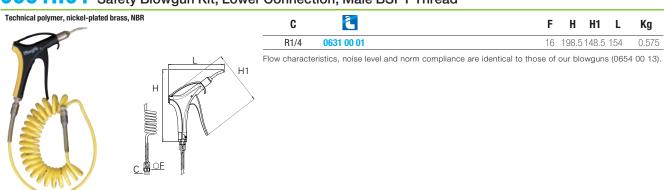
 Technical polymer, nickel-plated brass, treated aluminium, NBR
 C
 I
 H
 H1
 L
 Kg

 R1/4
 0631 00 09
 16
 192.5 139.5 152
 0.441

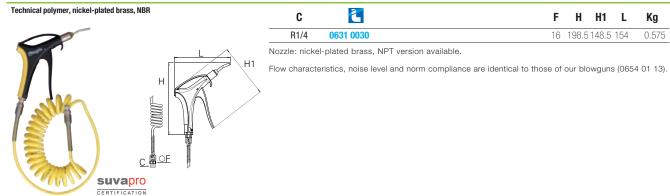


Flow characteristics, noise level and norm compliance are identical to those of our blowguns (0659 00 13).

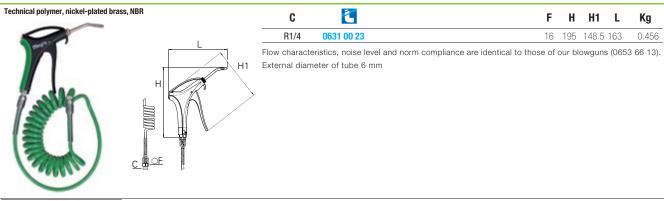
# 0631...01 Safety Blowgun Kit, Lower Connection, Male BSPT Thread



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



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



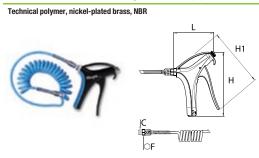
# 0631..03 Blowgun Kit, Lower Connection with Standard Nozzle, Male BSPT Thread



# 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).

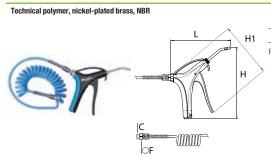
# 0631..02 Blowgun Kit, Upper Connection with Standard Nozzle, Male BSPT Thread



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).

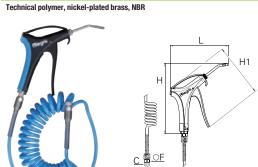
# 0631..04 Blowgun Kit, Upper Connection with Short Angled Nozzle, Male BSPT Thread





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	16 195.5148.5 163	0.536

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

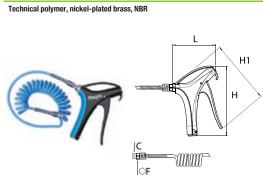
# 0631...07 Blowgun Kit, Lower Connection with Interchangeable Nozzle, Male BSPT Thread

Technical polymer, nickel-plated brass, NBR

C	•	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

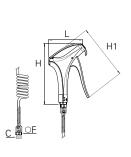


C F H H1 L Kg R1/4 0631 00 06 16 161.5148.5 93 0.501

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	1	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

Notes		