

# BLOWGUNS

# Blowgun Range

	Materials	Fluids	Maximum Pressure (bar)	Temperature		Characteristics	Page
				Min.	Max.		
<b>Industrial Blowguns</b>							
<p><b>Polymer</b></p> 	Technical polymer	Compressed air	10	-20°C	+50°C	OSHA*	428
<p><b>Blowguns with special features</b></p> 	Technical polymer, Nickel-plated brass	Compressed air	10	-20°C	+50°C	Safety, SUVA safety, Energy saving, OSHA*	429
<p><b>Nozzles</b></p> 	Nickel-plated brass	Compressed air	10	-15°C	+50°C	A large number of nozzles for all your applications	430
<p><b>Metal</b></p> 	Aluminium or nickel-plated brass	Industrial fluids	20	-20°C	+100°C	Robustness, lightweight & ergonomic	432
<p><b>Blowgun Kits</b></p> 	Technical polymer	Compressed air	10	-20°C	+50°C	Easy to use, ready for use/safety & performance	434

# Standard Blowguns



4 ranges of blowguns to adapt to basic, standard, safety and energy saving applications. Assembled or in kit form to offer flexibility, in technical or metallic polymers, they can meet all needs.

## 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:** Tubes and hoses

## Advantages

### Basic & standard blowguns:

- In compliance with international noise and pressure regulations
- Swivel nozzles for directional jet
- Progressive flow rate

### Safety blowguns:

- Meets OSHA or SUVA standards according to model and complies with:
  - noise exposure requirements
  - provisions relating to outlet pressure
- Energy-saving blowguns:
- Limited flow for lower energy consumption
- Kits and nozzles: to ensure a suitable product

## Component Materials

### Silicone-free

Body:  
technical polymer

Connection:  
nickel-plated  
brass

Nozzle:  
• aluminium  
(Standard blowgun)  
• nickel-plated brass  
(Safety and  
other blowguns)

Trigger:  
technical polymer

## Regulations

- **PED**
- **RoHS**
- **REACH**
- **Protection of design:**
- **OSHA**
- **DI: 2003/10/CE**

All designs and models of Parker Legris blowguns have been registered with the following numbers:  
13 224/13 225/13 226

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

## 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



Maximum Flow Rate  
(tolerance +/-10%)



Noise Level  
ISO 15744



Diffusion  
Cone



Compliance  
with Standards

# Standard Blowguns

## AK13 Blowgun with aluminium extension tube fixed nozzle

Impact resistant plastic



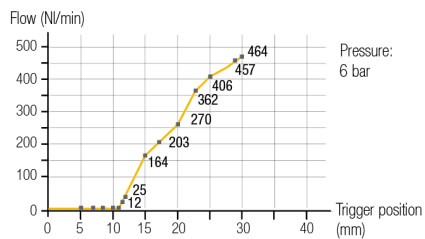
A



Female Thread G1/4 AK13

nozzle, impossible to replace

Progressive flow depending on the trigger position



464 Nl/min



OSHA 1910.95 (b)  
2003/10/EC directive:

WATER

## AM13 Blowgun without nozzle, Female BSPP Thread

Impact resistant plastic



C

C1



G1/4 M12x1.25 AM13

## AK26SF Blowgun with aluminium extension tube fixed nozzle

Impact resistant plastic



A



Plug Series 26 AK26SF

## AK13SE AK13-Set in Display Box



A



Female Thread G1/4 AK13SET

10x AK13 in display box

## AJ13 Blowgun with aluminium extension tube, Female BSPP Thread

Red impact resistant plastic



C

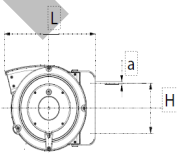


Extension tube

G1/4	AJ13/06B	6 mm bent
G1/4	AJ13/08B	8 mm bent
G1/4	AJ13-300	8 x 300 mm straight
G1/4	AJ13-500	8 x 500 mm straight
G1/4	AJ13-1000	8 x 1000 mm straight

## Complementary Products

### HOSE REEL ENCLOSED CASE



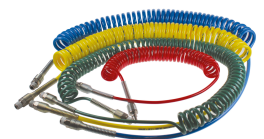
Hose clutch with free return  
Hose length upstream: 1,50m  
Input connection: bare pipe - Output connection: 1/4" male

Transair®	ØD	Hose Length (m)	Hose i.d. (mm)	Max. Pressure (bar)	H	L	Kg
6698 10 01	6	10	8	15	170	350	3.400
6698 10 02	10.5	16	8	15	251	470	6.440

### RECOIL TUBINGS

PA RECOIL TUBINGS PU RECOIL TUBINGS

PA and PU recoil tubings offer an alternative to reels thanks to the remanence of the coil shape given to the tubes

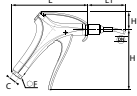


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## 0654 Safety Blowgun, Lower Connection, Female BSPP Thread

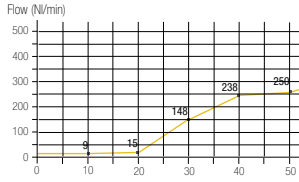
Technical polymer, Nickel-plated brass, NBR



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

Nozzle: nickel-plated brass, NPT version available.

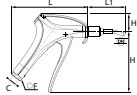
Progressive flow depending on the trigger position



- Pressure: 6 bar
- 250 N/min
- 80 dBA
- OSHA 1910.242 (b)
- OSHA 1910.95 (a)
- 2003/10/EC directive:
- No ear defenders necessary

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

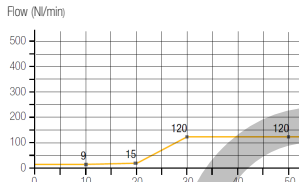
Technical polymer, nickel-plated brass, NBR



DN	C	F	H	H1	L	L1	Kg	
3	G1/4	0654 01 13	20	117	35	148	73	0.189

Nozzle: nickel-plated brass, NPT version available.

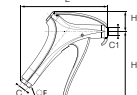
Progressive flow depending on the trigger position



- Pressure: 6 bar
- 120 N/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

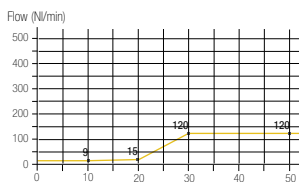
Technical polymer, Nickel-plated brass, NBR



C	C1	F	H	H1	L	L1	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. An energy saving calculator is available.

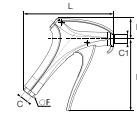
Progressive flow depending on the trigger position



- Pressure: 6 bar
- 120 N/min
- 80 dBA
- Whatever the type of nozzle
- Noise level measured without nozzle
- Depends on type of nozzle
- OSHA 1910.95 (a)
- 2003/10/EC directive:
- No ear defenders necessary

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

Technical polymer, Nickel-plated brass, NBR



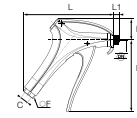
C	C1	F	H	H1	L	L1	Kg
G1/4	M12x1.25	0652 66 13	20	117	34	147	0.163

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

- Pressure: 6 bar
- 86 dBA
- Depending on the type of nozzle
- Noise level measured without nozzle
- OSHA 1910.242 (b)
- Depends on type of nozzle
- OSHA 1910.95 (a)
- 2003/10/EC directive:
- Requirement to use ear protection if exposure > 8 hours

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

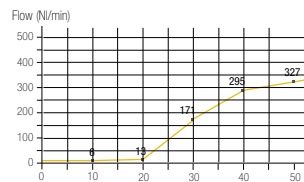
Technical polymer, Nickel-plated brass, NBR



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

Nozzle: nickel-plated brass

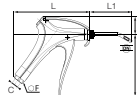
Progressive flow depending on the trigger position



- Pressure: 6 bar
- 327 N/min
- 86 dBA
- Flow produced with nozzle 0690 01 00
- OSHA 1910.95 (a)
- 2003/10/EC directive:
- Requirement to use ear protection if exposure > 8 hours

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

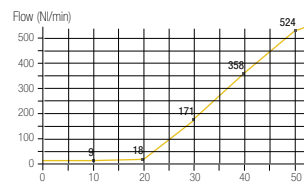
Technical polymer, Nickel-plated brass, NBR



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

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position

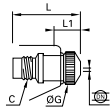


- Pressure: 6 bar
- 524 N/min
- 86 dBA
- Flow produced with nozzle 0690 06 01
- OSHA 1910.95 (a)
- 2003/10/EC directive:
- Requirement to use ear protection if exposure > 8 hours

# Nozzles for Polymer Blowguns

## 0690 01 Standard Nozzle

Nickel-plated brass



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	31	9	0.023



- Versatile use
- Progressive and powerful air jet

327 N/min

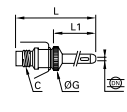
86 dBA

23°

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, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	102	77	0.034



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

410 N/min

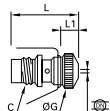
82 dBA

21°

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

## 0690 02 Safety Nozzle

Nickel-plated brass



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	31	9	0.024



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

315 N/min

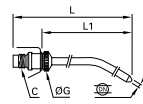
83 dBA

26°

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

## 0690 05 Angled Nozzle (Long)

Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	316	292	0.065



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

354 N/min

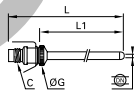
82 dBA

21°

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

## 0690 03 Straight Nozzle (Long)

Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	332	307	0.067



- Restricted access
- Progressive and powerful air jet

386 N/min

82 dBA

21°

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

## 0690 06 Safety Angled Nozzle (Short)

Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	94	70	0.033



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

350 N/min

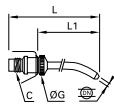
86 dBA

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 Angle Nozzle (Short)

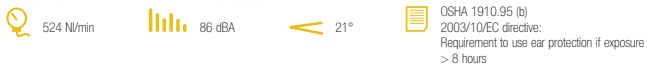
Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	94	70	0.035

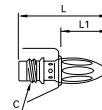


- Difficult access
- Progressive and powerful air jet, 360° rotation



## 0690 08 COANDA Nozzle

Nickel-plated brass



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

Nozzle not compatible with Rectus blowguns

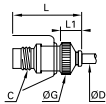


- Directional air jet
- Very quiet, energy-saving
- Safety: avoids the nozzle becoming completely blocked



## 0690 07 Nozzle with LF 3000® Push-In Connection

Nickel-plated brass, NBR



ØD	C		G	L	L1	Kg
4	M12x1.25		15	35	13	0.024

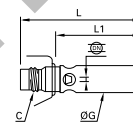


- Restricted access
- Progressive air jet



## 0690 10 Safety Booster Nozzle

Nickel-plated brass



DN	C		G	L	L1	Kg
2.5	M12x1.25		15	64	42	0.038

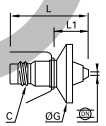


- High flow for blowing large surfaces
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked



## 0690 09 Air Screen Safety Nozzle

Nickel-plated brass

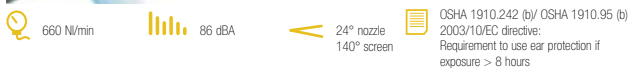


DN	C		G	L	L1	Kg
2	M12x1.25		30	40.5	18.5	0.021

Deflector: technical polymer

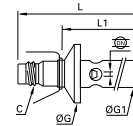


- High flow for blowing large surfaces
- Air screen and deflector to avoid particles being blown back
- Safety: avoids the nozzle becoming completely blocked



## 0690 11 Safety Booster Nozzle with Air Screen

Nickel-plated brass



DN	C		G	G1	L	L1	Kg
2.5	M12x1.25		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



# Blowgun Kits



Ergonomic, the blowgun kit remains an essential item of equipment for blowing or spraying operation in industrial environment.

## 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

## Regulations

- **PED**
- **RoHS**
- **REACH**
- **OSHA**
- **DI: 2003/10/CE**

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

### Design protection:

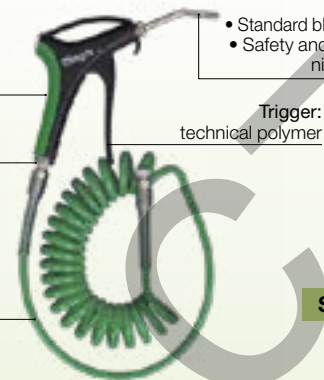
All designs and models of Parker Legris blowguns have been registered with the following numbers: 13 224/13 225/13 226

## Component Materials

Body:  
technical polymer

Insert:  
nickel-plated brass

Tube:  
recoil polyurethane



Nozzle:  
• Standard blowgun: aluminium  
• Safety and other blowguns: nickel-plated brass

Trigger:  
technical polymer

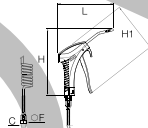
**Silicone-free**

## Advantages

- **Kit contents:**
  - one blowgun
  - a 4 metre recoil tube
  - one R1/4 threaded fitting, external diameter 8 mm
- **Safety**
- **Optimisation of your energy consumption**
- **Minimum pressure drop**

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

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

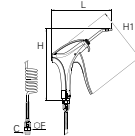


C	F	H	H1	L	Kg
R1/4 0631 00 09	16	192.5	139.5	152	0.441

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

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

Technical polymer, Nickel-plated brass, NBR

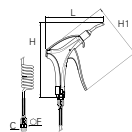


C	F	H	H1	L	Kg
R1/4 0631 00 23	16	195	148.5	163	0.456

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

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

Technical polymer, Nickel-plated brass, NBR

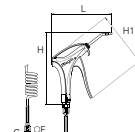


C	F	H	H1	L	Kg
R1/4 0631 00 01	16	198.5	148.5	154	0.575

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

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

Technical polymer, Nickel-plated brass, NBR



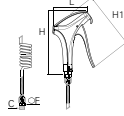
C	F	H	H1	L	Kg
R1/4 0631 00 05	16	195.5	148.5	163	0.536

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



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

Technical polymer, Nickel-plated brass, NBR



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.

KROVANZ.CZ