



Parker Legris Rectus Distribution Catalogue

Low Pressure Fluid Handling Solutions



ENGINEERING YOUR SUCCESS.



BLOWGUNS

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

*Certificates available on www.parker.com

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:**

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

- **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

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



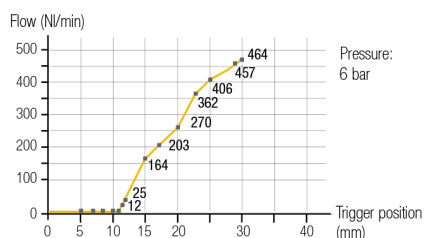
A



Female Thread G1/4 AK13

nozzle, impossible to replace

Progressive flow depending on the trigger position



Pressure:
6 bar



464 Nl/min



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

AK13SE AK13-Set in Display Box



A



Female Thread G1/4 AK13SET

10x AK13 in display box

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

AJ13 Blowgun with aluminium extension tube, Female BSPP Thread

Red impact resistant plastic



C

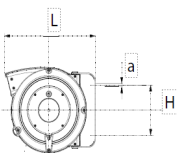


Extension
tube

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

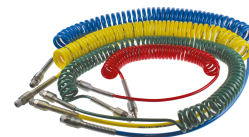
RECOIL TUBINGS

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



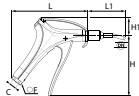
Page 412



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0654 Safety Blowgun, Lower Connection, Female BSPP Thread

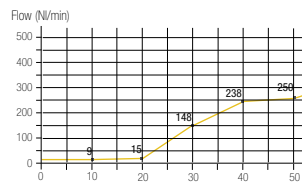
Technical polymer, Nickel-plated brass, NBR



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

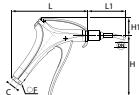


OSHA 1910.242 (b)
OSHA 1910.95 (a)
2003/10/EC directive:
No ear defenders necessary

Trigger position (mm)

0654 SUVA Safety Blowgun, Lower Connection, Female BSPP Thread

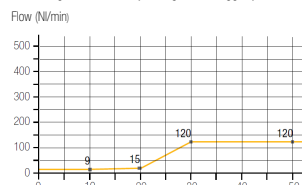
Technical polymer, nickel-plated brass, NBR



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

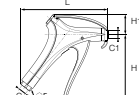


OSHA 1910.242 (b)
OSHA 1910.95 (b)
2003/10/EC directive:
No ear defenders necessary

Trigger position (mm)

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

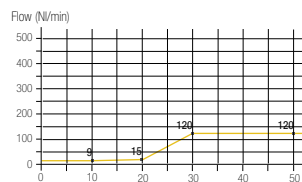
Technical polymer, Nickel-plated brass, NBR



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.
An energy saving calculator is available.

Progressive flow depending on the trigger position



Pressure: 6 bar



120 N/min



Whatever the type of nozzle
80 dBA

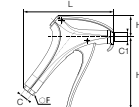


Depends on type of nozzle
OSHA 1910.95 (a)
2003/10/EC directive:
No ear defenders necessary

Trigger position (mm)

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



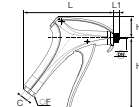
86 dBA



Noise level measured without nozzle
OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (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

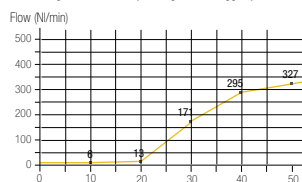
Technical polymer, Nickel-plated brass, NBR



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 Flow produced with nozzle 0690 01 00



86 dBA

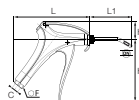


OSHA 1910.95 (a)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

Trigger position (mm)

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

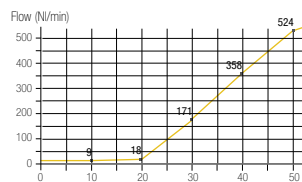
Technical polymer, Nickel-plated brass, NBR



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 Flow produced with nozzle 0690 06 01



86 dBA



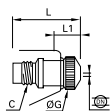
OSHA 1910.95 (a)
2003/10/EC directive:
Requirement to use ear protection
if exposure > 8 hours

Trigger position (mm)

Nozzles for Polymer Blowguns

0690 01 Standard Nozzle

Nickel-plated brass



DN	C		G	L	L1	Kg
2.5	M12x1.25	0690 01 00	15	31	9	0.023

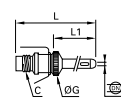


- Versatile use
- Progressive and powerful air jet

327 N/min	86 dBA	23°	OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours
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0690 04 Safety Straight Nozzle (Short)

Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25	0690 04 00	15	102	77	0.034

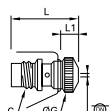


- Restricted access
- Air screen effect and directional jet
- Safety: avoids the nozzle becoming completely blocked

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
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0690 02 Safety Nozzle

Nickel-plated brass



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

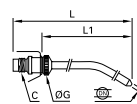


- Fluidised Powders
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

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
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0690 05 Angled Nozzle (Long)

Nickel-plated brass, NBR



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

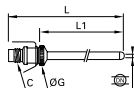


- Restricted or distant access
- Progressive and powerful air jet
- 360° rotation

354 N/min	82 dBA	21°	OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours
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0690 03 Straight Nozzle (Long)

Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25	0690 03 00	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
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0690 06 Safety Angled Nozzle (Short)

Nickel-plated brass, NBR



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

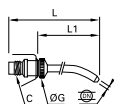


- Restricted access
- Air screen effect and 360° directional jet
- Safety: avoids the nozzle becoming completely blocked

350 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
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0690 06 01 Angle Nozzle (Short)

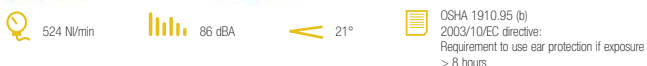
Nickel-plated brass, NBR



DN	C		G	L	L1	Kg
2.5	M12x1.25	0690 06 01	15	94	70	0.035

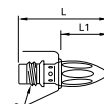


- Difficult access
- Progressive and powerful air jet, 360° rotation



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

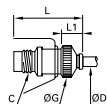


- Directional air jet
- Very quiet, energy-saving
- Safety: avoids the nozzle becoming completely blocked



0690 07 Nozzle with LF 3000® Push-In Connection

Nickel-plated brass, NBR



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

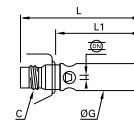


- Restricted access
- Progressive air jet



0690 10 Safety Booster Nozzle

Nickel-plated brass



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

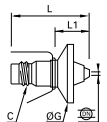


- High flow for blowing large surfaces
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked



0690 09 Air Screen Safety Nozzle

Nickel-plated brass

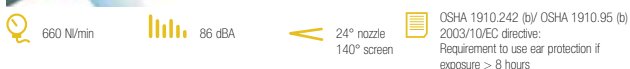


DN	C		G	L	L1	Kg
2	M12x1.25	0690 09 00	30	40.5	18.5	0.021

Deflector: technical polymer

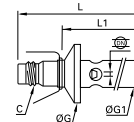


- High flow for blowing large surfaces
- Air screen and deflector to avoid particles being blown back
- Safety: avoids the nozzle becoming completely blocked



0690 11 Safety Booster Nozzle with Air Screen

Nickel-plated brass



DN	C		G	G1	L	L1	Kg
2.5	M12x1.25	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



Metal Blowguns



This range of robust blowguns guarantees a longer service life under severe conditions (crushing, impact, shock and corrosion). It includes two versions for blowing and spraying in industrial 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	Tubes and hoses	Braided hose with Parker couplers

Regulations

- PED
- REACH
- RoHS

Component Materials



Advantages

Workshop blowgun

- Compact
- Nickel-plated forged brass for increased corrosion resistance

Water pistol

- 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

AA13S-01 Blowgun without nozzle, Female BSPP Thread but compatible with nozzles on previous page

Aluminium



C



G1/4 AA13S-01

AS13 Blowgun with safety nozzle, Female BSPP Thread

Aluminium



C



G1/4 AS13

AA13 Blowgun with standard nozzle, Female BSPP Thread

Aluminium



C



G1/4 AA13

AV13 Blowgun with extension tube, Female BSPP Thread

Aluminium



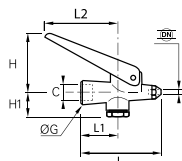
C



G1/4 AV13

0623 Lever-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, zinc plated blister steel, NBR

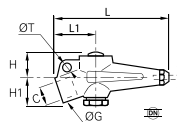


DN	C		G	H1	H max	H min	L	L1	L2	Kg
2	G1/4	0623 10 35	18	21	37	19	64	28	60	0.119

This blowgun has a hardened steel nozzle.

0622 Button-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, zinc plated blister steel, NBR

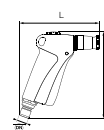


DN	C		G	H	H1	L	L1	T	Kg
2	G1/4	0622 26 73	18	17.5	20.5	82	29	7	0.199

This blowgun has a hardened steel nozzle.

2299 Water Pistol

Zamak, nickel-plated brass, NBR



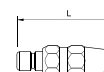
DN			H	L	Kg
12	2299 12 01		140	126	0.470

This pistol allows independent control of:

- the flow rate (trigger) up to 1440 NI/min (air) and up to 16,2 NI/min (water)
- type of jet (adjustable to a fine mist) by the adjustable nozzle
- Compatible with the midi series couplers shown on page 381
- Can be used with Midi series couplers on page 381

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.

Complementary Product:

Couplers Midi Series, page 381



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

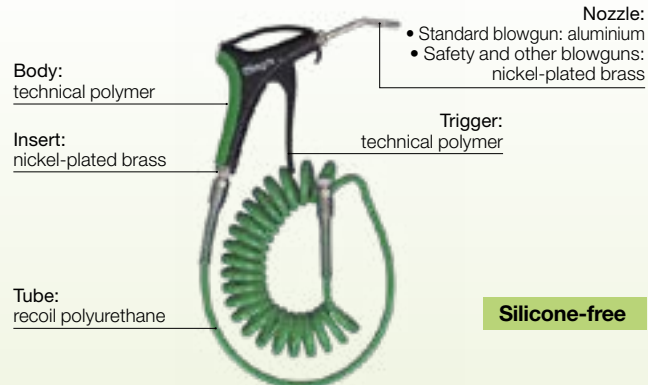
- **PED**
- **RoHS**
- **REACH**
- **OSHA**
- **DI: 2003/10/CE**

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

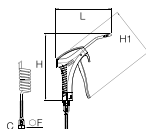


Advantages

- **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

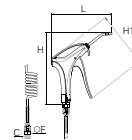


C		F	H	H1	L	Kg
R1/4	0631 00 09	16	192.5	139.5	152	0.441

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

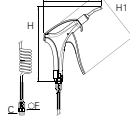


C		F	H	H1	L	Kg
R1/4	0631 00 23	16	195	148.5	163	0.456

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

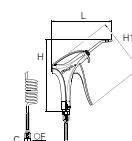


C		F	H	H1	L	Kg
R1/4	0631 00 01	16	198.5	148.5	154	0.575

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

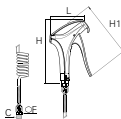


C		F	H	H1	L	Kg
R1/4	0631 00 05	16	195.5	148.5	163	0.536

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.