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

Applications

Manufacturing Workshops
Cleaning
Blowing
Mixing
Ejection
Cooling
Packaging

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 tubes and hose

Component Materials

Silicone-free

Regulations

Compliance for all blowguns:
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

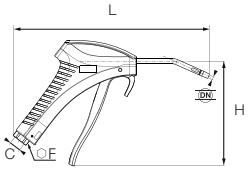
Protection of design
All designs and models of Parker Legris blowguns have been registered with the following numbers: **13224 / 13225 / 13226.**

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

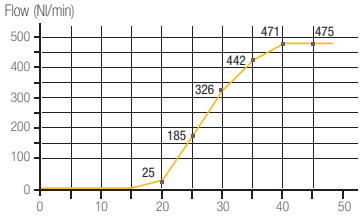
Technical polymer, nickel-plated brass, treated aluminium, NBR



C	DN		F	H	L	kg
G1/4	3.5	0659 00 13	20	120	223	0.072

Nozzle: aluminium, NPT version available.

Progressive flow depending on the trigger position



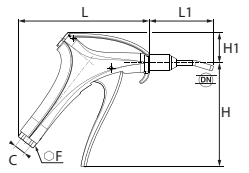
475 Nl/min

82 dBA

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

0654 Safety Blowgun, Lower Connection, Female BSPP Thread

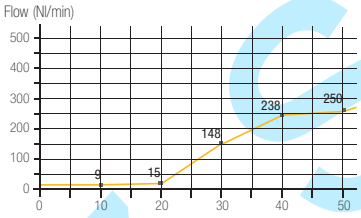
Technical polymer, nickel-plated brass, NBR



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.

Progressive flow depending on the trigger position



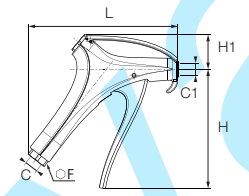
250 Nl/min

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

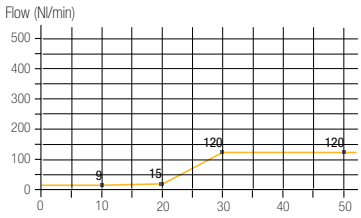
Technical polymer, nickel-plated brass, NBR



C	C1		F	H	H1	L	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.
A value calculator for energy savings is available.

Progressive flow depending on the trigger position



120 Nl/min

80 dBA Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (b)
2003/10/EC directive:
No ear defenders necessary

Maximum Flow Rate (tolerance +/-10%) | Noise Level ISO 15744 | Diffusion Cone | Compliance with Standards

Operation: Safety Blowgun

Flow stopped completely and pressure reduced to 0.5 bar

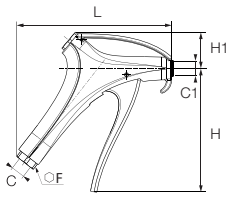
Operation: Blowgun with Safety Nozzle

Flow diverted and pressure reduced to 0.5 bar

Polymer Blowguns

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.

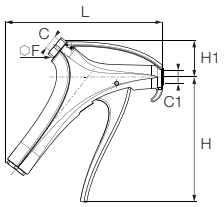
Depending on the type of nozzle

86 dBA — Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (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

Technical polymer, nickel-plated brass, NBR



C	C1		F	H	H1	L	kg
G1/4	M12x1.25	0655 66 13	20	117	37	145	0.014

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

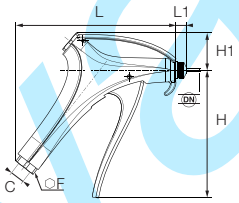
Depending on the type of nozzle

86 dBA — Noise level measured without nozzle

OSHA 1910.242 (b):
Depends on type of nozzle
OSHA 1910.95 (b)
2003/10/EC directive:
Requires ear defenders to be used when exposure is > 8 hours

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

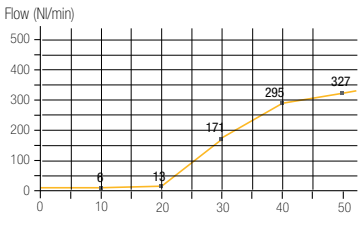
Technical polymer, nickel-plated brass, NBR



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

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



327 Nl/min — Flow produced with nozzle **0690 01 00**

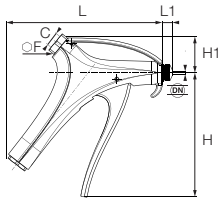
86 dBA

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

Polymer Blowguns

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

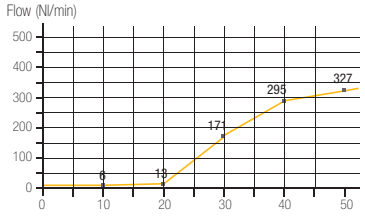
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0658 66 13	20	117	37	145	10	0.195

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



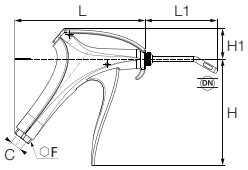
327 Nl/min Flow produced with nozzle **0690 01 00**

86 dBA

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

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

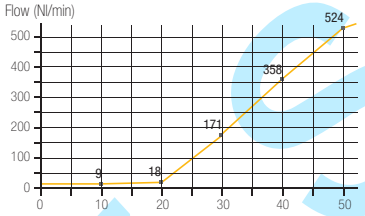
Technical polymer, nickel-plated brass, NBR



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

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



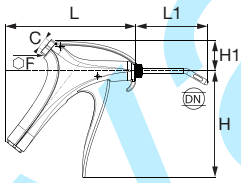
524 Nl/min Flow produced with nozzle **0690 06 01**

86 dBA

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

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

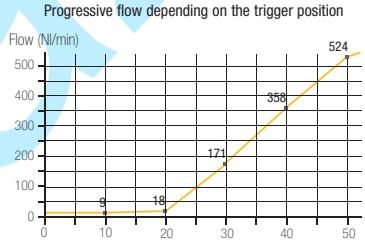
Technical polymer, nickel-plated brass, NBR



C	DN		F	H	H1	L	L1	kg
G1/4	2.5	0657 66 13	20	117	37	145	82	0.168

Nozzle: nickel-plated brass

Progressive flow depending on the trigger position



524 Nl/min Flow produced with nozzle **0690 06 01**

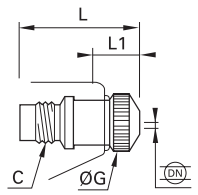
86 dBA

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

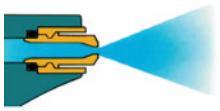
Nozzles for Polymer Blowguns

0690 01 Standard Nozzle

Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 01 00	15	31	9	0.024



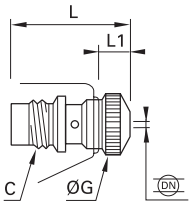
- Versatile use
- Progressive and powerful air jet

327 Nl/min | 86 dBA | 23°

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

0690 02 Safety Nozzle

Nickel-plated brass



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

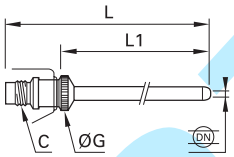
- Fluidised Powders
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

315 Nl/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 03 Straight Nozzle (Long)

Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 03 00	15	332	307	0.068

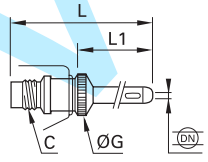
- Restricted Access
- Progressive and powerful air jet

386 Nl/min | 82 dBA | 21°

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



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 04 00	15	102	77	0.033

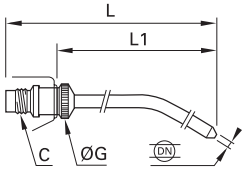
- Restricted Access
- Air screen effect and directional jet
- Safety: avoids the nozzle becoming completely blocked

410 Nl/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 05 Angled Nozzle (Long)

Nickel-plated brass



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

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

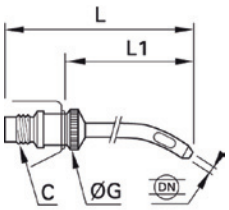
354 Nl/min | 82 dBA | 21°

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

Nozzles for Polymer Blowguns

0690 06 Safety Angled Nozzle (Short)

Nickel-plated brass



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

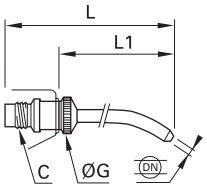
- Restricted Access
- Air screen effect and 360° directional jet
- Safety: avoids the nozzle becoming completely blocked

350 Nl/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 Angled Nozzle (Short)

Nickel-plated brass



C	DN		G	L	L1	kg
M12x1.25	2.5	0690 06 01	15	94	70	0.033

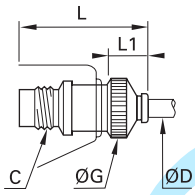
- Difficult access
- Progressive and powerful air jet, 360° rotation

524 Nl/min | 86 dBA | 21°

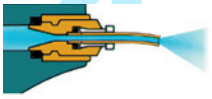
OSHA 1910.95 (b)
2003/10/EC directive:
Requirement to use ear protection if exposure > 8 hours

0690 07 Nozzle with LF 3000® Push-In Connection

Nickel-plated brass



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



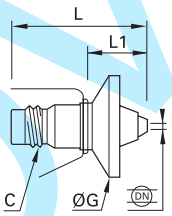
- Restricted Access
- Progressive air jet

340 Nl/min (with 2.7x4 tube)
200 Nl/min (with 2x4 tube)
86 dBA | 21°

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

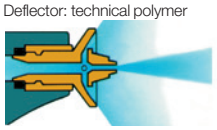
0690 09 Air Screen Safety Nozzle

Nickel-plated brass



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

Deflector: technical polymer



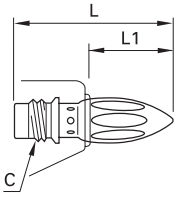
- High flow for blowing large surfaces
- Air screen and deflector to avoid particles being blown back
- Safety: avoids the nozzle becoming completely blocked

660 Nl/min | 86 dBA | 24° nozzle 140° screen

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

0690 08 COANDA Nozzle

Nickel-plated brass



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

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

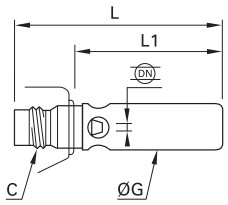
240 Nl/min | 73 dBA | 20°

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

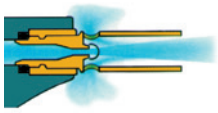
Nozzles for Polymer Blowguns

0690 10 Safety Booster Nozzle

Nickel-plated brass



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



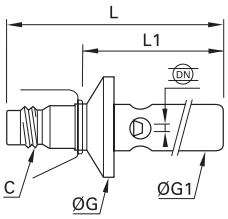
- High flow for blowing large surfaces
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

780 Nl/min | 99 dBA | 28°

OSHA 1910.242 (b)
2003/10/EC directive:
Requires ear defenders to be used at all times

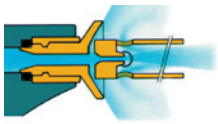
0690 11 Safety Booster Nozzle with Air Screen

Nickel-plated brass



C	DN		G	G1	L	L1	kg
M12x1.25	2.5	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

860 Nl/min | 99 dBA | 26° nozzle 140° screen

OSHA 1910.242 (b)
2003/10/EC directive:
Requires ear defenders to be used at all times