

# 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

Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air Other fluids: contact us
<b>Working Pressure</b>	0 to 10 bar
<b>Working Temperature</b>	Air: -15°C to +50°C Dry air: -20°C to +80°C
<b>Tubes</b>	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.


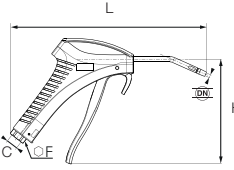


### Component Materials



### Silicone-free

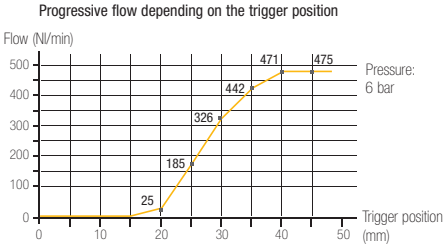
# Polymer Blowguns

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

	Technical polymer, nickel-plated brass, treated aluminium, NBR 	<b>C</b>  	<b>F</b> <b>H</b> <b>L</b> <b>kg</b>
		G1/4 3.5 <b>0659 00 13</b>	20 120 223 0.072

Nozzle: aluminium, NPT version available.


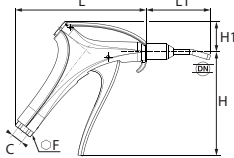


Progressive flow depending on the trigger position



Pressure: 6 bar

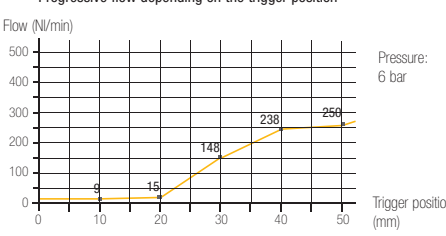
- 475 Nl/min
- 82 dBA
- OSHA 1910.242 (b)
- OSHA 1910.95 (b)
- 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

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

	Technical polymer, nickel-plated brass, NBR 	<b>C</b>  	<b>F</b> <b>H</b> <b>H1</b> <b>L</b> <b>L1</b> <b>kg</b>
		G1/4 3 <b>0654 00 13</b>	20 117 35 148 73 0.189

Nozzle: nickel-plated brass, NPT version available.


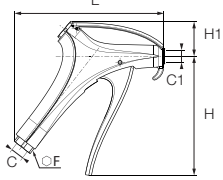

Progressive flow depending on the trigger position



Pressure: 6 bar

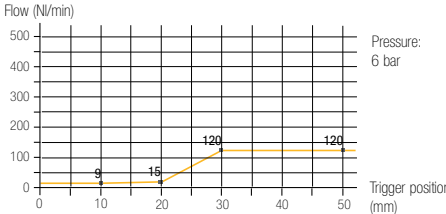
- 250 Nl/min
- 80 dBA
- OSHA 1910.242 (b)
- OSHA 1910.95 (b)
- 2003/10/EC directive: No ear defenders necessary

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

	Technical polymer, nickel-plated brass, NBR 	<b>C</b> <b>C1</b> 	<b>F</b> <b>H</b> <b>H1</b> <b>L</b> <b>kg</b>
		G1/4 M12x1.25 <b>0653 66 13</b>	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



Pressure: 6 bar

- 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


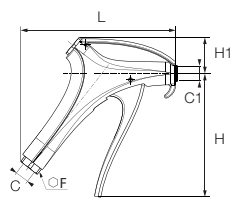



Flow diverted and pressure reduced to 0.5 bar




**ECO DESIGN** 

# Polymer Blowguns


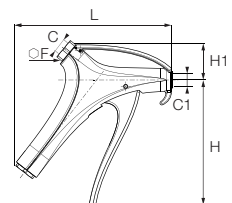

## 0652 Progressive Control Blowgun, Lower Connection with Interchangeable Nozzle, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	<b>C</b> <b>C1</b> 	<b>F</b> <b>H</b> <b>H1</b> <b>L</b> <b>kg</b>
		G1/4   M12x1.25 <b>0652 66 13</b>	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


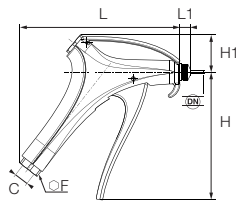


## 0655 Progressive Control Blowgun, Upper Connection with Interchangeable Nozzle, Female BSPP Thread

	Technical polymer, nickel-plated brass, NBR 	<b>C</b> <b>C1</b> 	<b>F</b> <b>H</b> <b>H1</b> <b>L</b> <b>kg</b>
		G1/4   M12x1.25 <b>0655 66 13</b>	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 	<b>C</b>  	<b>F</b> <b>H</b> <b>H1</b> <b>L</b> <b>L1</b> <b>kg</b>
		G1/4   2.5 <b>0651 66 13</b>	20   117   34   147   10   0.168


Nozzle: nickel-plated brass

 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

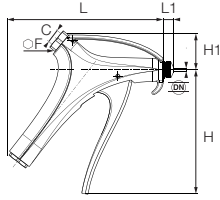
**Progressive flow depending on the trigger position**  
 Flow (Nl/min) vs Trigger position (mm) graph:  
 Pressure: 6 bar  
 Data points: (10, 6), (20, 18), (30, 171), (40, 295), (50, 327)

# Polymer Blowguns

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



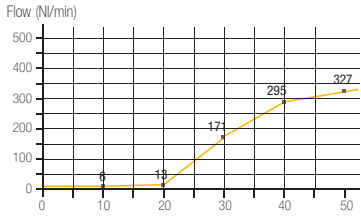
Technical polymer, nickel-plated brass, NBR



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



Trigger position (mm)	Flow (Nl/min)
0	0
10	0
20	13
30	171
40	293
50	327


Pressure: 6 bar

327 Nl/min Flow produced with nozzle 0690 01 00

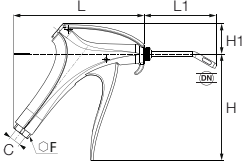
86 dBA

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



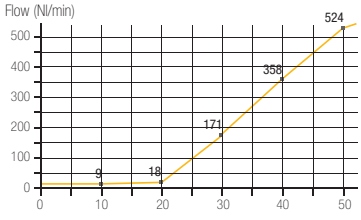
Technical polymer, nickel-plated brass, NBR



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



Trigger position (mm)	Flow (Nl/min)
0	0
10	0
20	18
30	171
40	358
50	524


Pressure: 6 bar

524 Nl/min Flow produced with nozzle 0690 06 01

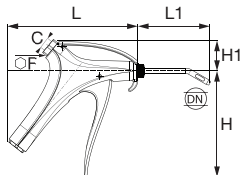
86 dBA

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



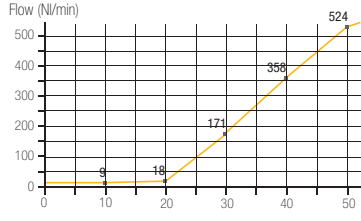
Technical polymer, nickel-plated brass, NBR



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



Trigger position (mm)	Flow (Nl/min)
0	0
10	0
20	18
30	171
40	358
50	524

Pressure: 6 bar


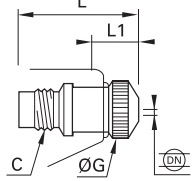


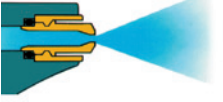




524 Nl/min Flow produced with nozzle 0690 06 01

86 dBA


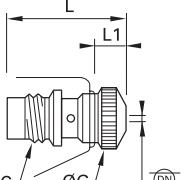







OSHA 1910.242 (b)  
OSHA 1910.95 (b)  
2003/10/EC directive:  
Requirement to use ear protection if exposure > 8 hours

# Nozzles for Polymer Blowguns


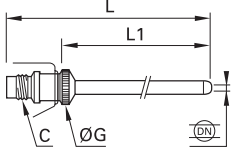







## 0690 01 Standard Nozzle

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p> <p>M12x1.25 2.5 <b>0690 01 00</b></p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p> <p>15 31 9 0.024</p>
		 <ul style="list-style-type: none"> <li>Versatile use</li> <li>Progressive and powerful air jet</li> </ul> <p> 327 NI/min  86 dBA  23°</p> <p> OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	


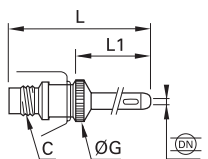







## 0690 02 Safety Nozzle

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p> <p>M12x1.25 2.5 <b>0690 02 00</b></p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p> <p>15 31 9 0.024</p>
		 <ul style="list-style-type: none"> <li>Fluidised Powders</li> <li>Air screen effect</li> <li>Safety: avoids the nozzle becoming completely blocked</li> </ul> <p> 315 NI/min  83 dBA  26°</p> <p> OSHA 1910.95 (b)/1910.242 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	


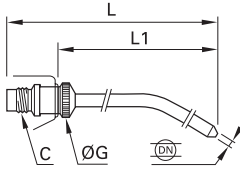







## 0690 03 Straight Nozzle (Long)

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p> <p>M12x1.25 2.5 <b>0690 03 00</b></p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p> <p>15 332 307 0.068</p>
		 <ul style="list-style-type: none"> <li>Restricted Access</li> <li>Progressive and powerful air jet</li> </ul> <p> 386 NI/min  82 dBA  21°</p> <p> OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	

## 0690 04 Safety Straight Nozzle (Short)

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p> <p>M12x1.25 2.5 <b>0690 04 00</b></p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p> <p>15 102 77 0.033</p>
		 <ul style="list-style-type: none"> <li>Restricted Access</li> <li>Air screen effect and directional jet</li> <li>Safety: avoids the nozzle becoming completely blocked</li> </ul> <p> 410 NI/min  82 dBA  21°</p> <p> OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	

## 0690 05 Angled Nozzle (Long)

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p> <p>M12x1.25 2.5 <b>0690 05 00</b></p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p> <p>15 316 292 0.065</p>
		 <ul style="list-style-type: none"> <li>Restricted or distant access</li> <li>Progressive and powerful air jet</li> <li>360° rotation</li> </ul> <p> 354 NI/min  82 dBA  21°</p> <p> OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	

# Nozzles for Polymer Blowguns

## 0690 06 Safety Angled Nozzle (Short)

	<p>Nickel-plated brass</p>	<p><b>C</b> </p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p>
		<p>M12x1.25 2.5 <b>0690 06 00</b></p> <ul style="list-style-type: none"> <li>• Restricted Access</li> <li>• Air screen effect and 360° directional jet</li> <li>• Safety: avoids the nozzle becoming completely blocked</li> </ul> <p>350 Nl/min 86 dBA 21°</p> <p> OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	<p>15 94 70 0.033</p>

## 0690 06 01 Angled Nozzle (Short)

	<p>Nickel-plated brass</p>	<p><b>C</b> </p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p>
		<p>M12x1.25 2.5 <b>0690 06 01</b></p> <ul style="list-style-type: none"> <li>• Difficult access</li> <li>• Progressive and powerful air jet, 360° rotation</li> </ul> <p>524 Nl/min 86 dBA 21°</p> <p> OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	<p>15 94 70 0.033</p>

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

	<p>Nickel-plated brass</p>	<p><b>ØD</b> <b>C</b> </p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p>
		<p>4 M12x1.25 <b>0690 07 00</b></p> <ul style="list-style-type: none"> <li>• Restricted Access</li> <li>• Progressive air jet</li> </ul> <p>340 Nl/min (with 2.7x4 tube) 200 Nl/min (with 2x4 tube) 86 dBA 21°</p> <p> OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	<p>15 35 13 0.024</p>

## 0690 09 Air Screen Safety Nozzle


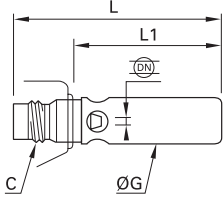


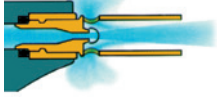




	<p>Nickel-plated brass</p>	<p><b>C</b> </p>	<p><b>G</b> <b>L</b> <b>L1</b> <b>kg</b></p>
		<p>M12x1.25 2 <b>0690 09 00</b></p> <p>Deflector: technical polymer</p> <ul style="list-style-type: none"> <li>• High flow for blowing large surfaces</li> <li>• Air screen and deflector to avoid particles being blown back</li> <li>• Safety: avoids the nozzle becoming completely blocked</li> </ul> <p>660 Nl/min 86 dBA 24° nozzle 140° screen</p> <p> OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure &gt; 8 hours</p>	<p>30 40.5 18.5 0.021</p>

## 0690 08 COANDA Nozzle


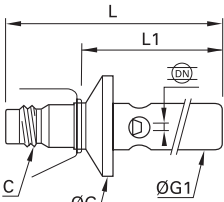


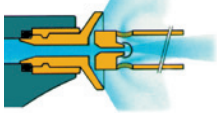




	<p>Nickel-plated brass</p>	<p><b>C</b> </p>	<p><b>L</b> <b>L1</b> <b>kg</b></p>
		<p>M12x1.25 <b>0690 08 00</b></p> <ul style="list-style-type: none"> <li>• Directional air jet</li> <li>• Very quiet, energy-saving</li> <li>• Safety: avoids the nozzle becoming completely blocked</li> </ul> <p>240 Nl/min 73 dBA 20°</p> <p> OSHA 1910.242 (b)/ OSHA 1910.95 (b) 2003/10/EC directive: No ear defenders necessary</p>	<p>47.5 26 0.033</p>

# Nozzles for Polymer Blowguns

## 0690 10 Safety Booster Nozzle

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p>	<p><b>G L L1 kg</b></p>			
			<p>M12x1.25 2.5 <b>0690 10 00</b></p>	15	64	42
			<ul style="list-style-type: none"> <li>• High flow for blowing large surfaces</li> <li>• Air screen effect</li> <li>• Safety: avoids the nozzle becoming completely blocked</li> </ul>			
		 780 NI/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

	<p>Nickel-plated brass</p> 	<p><b>C</b>  </p>	<p><b>G G1 L L1 kg</b></p>			
			<p>M12x1.25 2.5 <b>0690 11 00</b></p>	30	15	76
		<p>Deflector: technical polymer</p> 	<ul style="list-style-type: none"> <li>• Same advantage as the Booster nozzle</li> <li>• Safety: avoids the nozzle becoming completely blocked</li> <li>• Air screen and deflector avoid particles being blown back</li> </ul>			
		 860 NI/min	 99 dBA	 26° nozzle 140° screen	 OSHA 1910.242 (b) 2003/10/EC directive: Requires ear defenders to be used at all times	