Characteristics & performances

The new range of blowguns at a glance

Fluid : *compressed air (other fluids: please consult us)*
Maximum working pressure : *10 bar*
Working temperature : *-15°C to +50°C*
Lower and upper connection points: *G1/4*
Interchangeable nozzle: *M12x1,25*

maximum flow (tolerance +/-10%) — *noise level ISO 15744* — *complies with norms* — *spread of air cone*

• 0656 66 13
Legris progressive control blowgun
lower connection
with short angled nozzle



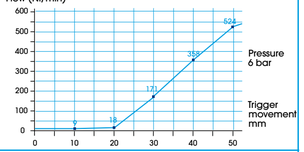
• 0657 66 13
Legris progressive control blowgun
upper connection
with short angled nozzle



565 Nl/min

OSHA STD 1-13.1

Progressive flow curve



• 0651 66 13
Legris progressive control blowgun
lower connection
with standard nozzle



• 0658 66 13
Legris progressive control blowgun
upper connection
with standard nozzle

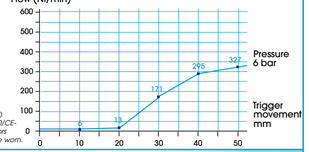


350 Nl/min

86 dBA

OSHA 1910.95 (b)
Directive 2003/10/CE-
Hearing protectors
should always be worn.

Progressive flow curve



• 0652 66 13
Legris progressive control blowgun
lower connection
threaded version G1/4



According to nozzle

• 0655 66 13
Legris progressive control blowgun
upper connection
threaded version G1/4



According to nozzle

2 blowguns and 6 nozzles to meet most requirements:

ease of access, safety, economy, power,... etc.

• 0654 00 13
Legris safety blowgun
lower connection

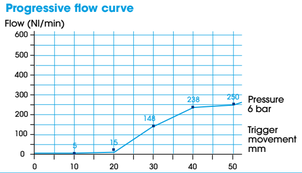


250 Nl/min

80 dBA

OSHA STD 1-13.1
OSHA 1910.95 (b)
Directive 2003/10/CE

Progressive flow curve



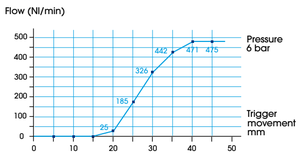
• 0659 00 13
Legris standard blowgun
lower connection and fixed nozzle



475 Nl/min

OSHA STD 1-13.1
OSHA 1910.95 (b)
Directive 2003/10/CE

Progressive flow curve

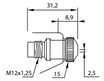


Nozzles and complementary accessories

0690 01 00
standard nozzle



OSHA 1910.95 (b)
Directive 2003/10/CEHearing protectors should always be worn.



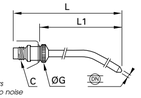
350 NL/min
86 dBA
23°

safety
noise level
power •
ease of access
directional control ••
economy
dusting ability
orientable

0690 05 00
angled tube nozzle (long)



OSHA 1910.95 (b)
Directive 2003/10/CE - Hearing protectors should always be worn when exposure to noise is over 8 hours duration.



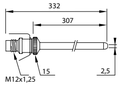
330 NL/min
82 dBA
21°

safety
noise level
power •
ease of access ••
directional control ••
economy
dusting ability ••
orientable ••

0690 03 00
straight tube nozzle (long)



OSHA 1910.95 (b)
Directive 2003/10/CE - Hearing protectors should always be worn when exposure to noise is over 8 hours duration.



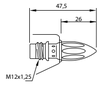
365 NL/min
82 dBA
21°

safety
noise level
power •
ease of access •
directional control ••
economy
dusting ability ••
orientable

0690 08 00
coanda effect nozzle



OSHA 1910.95 (b)
Directive 2003/10/CE



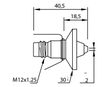
240 NL/min
73 dBA
20°

safety •
noise level •••
power
ease of access
directional control •••
economy •
dusting ability
orientable

0690 09 00
air screen nozzle



OSHA 1910.95 (b)
Directive 2003/10/CE



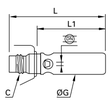
650 NL/min
80 dBA
jet 24°
screen 140°

safety •••
noise level
power
ease of access
directional control •
economy
dusting ability
orientable

0690 10 00
booster nozzle



Directive 2003/10/CEHearing protectors should always be worn.



335 NL/min
99 dBA
28°

safety ••
noise level
power ••
ease of access
directional control
economy •••
dusting ability
orientable

Don't forget the complementary accessories

- Safety quick acting couplers
- Metal quick acting couplers
- Recoil tubing



Please consult the whole Legris Connectic range in our general catalogue or visit :

www.legris.com

LINER COMMUNICATION 03/2009 FR/GB - 99/08

New range of Legris blowguns







- Quality
- Performance
- Comfort
- Safety

COMPLIES WITH OSHA STANDARDS

Wide choice to suit all applications

► Progressive control blowgun



Applications

- Dusting down of components and work areas
- Machine cleaning
- Cooling and drying components
- Removal of particles or excess cutting fluids

Quality & performance

- Gradual and accurate control
- Progressive and directional air jet up to 6 bar
- Durable: impact resistant materials, high quality structure and finish
- Rigorously tested and approved: seals and flow levels for all Legris blowguns are 100% tested





Handling and Comfort

- Lower or upper connection points for secure gripping and distortion-free handling
- Numerous hanging points, for easy and quick removal

Versatility

- Integral pre-assembled standard nozzle ready for use
- Can be used with a wide range of M12 x 1.25 threaded interchangeable nozzles

Threaded port insert with metal securing pin G1/4

- Numerous connections and disconnections without any loosening of the threaded insert
- Optimal long-term sealing

Materials

- Body: nylon 6.6 30% glass fibre
- Trigger: nylon 6.6 30% glass fibre
- Seal: nitrile
- Nozzle:
  - nickel-plated brass (progressive control and safety versions)
  - aluminium (standard version)
- Pin: nickel-plated brass

► A comprehensive range



Progressive control blowgun

Performance and Versatility

- Robust: threaded version with a metal thread securing pin allowing repeated secure connections and disconnections
- A large choice of nozzles suitable for use with the same blowgun body (interchangeable nozzles)
- Progressive flow action and air jet control
- Choices of upper or lower connection points
- Complies with OSHA STD 1-13 and 1910.95(b) standards, as well as the 2003/10/CE directive. (*)

**Depending on the type of nozzle used*

Lower connection



Upper connection





Safety blowgun

Safety of the user is assured

- Robust: threaded version with a metal thread securing pin allowing repeated secure connections and disconnections
- Integrated pressure regulator gives active safety to the user
- Fixed non removable nozzle
- Complies with OSHA STD 1-13 and 1910.95(b) standards, as well as the 2003/10/CE directive

Safety system

The principle of operation of the safety blowgun is simple:

- When in close proximity to an obstacle, the pressure falls rapidly, restricting pressure to 0,5 bar.
- Conversely, as soon as the nozzle is removed from the obstacle, the pressure rises automatically.





Standard blowgun

Quality and performance

- Robust: threaded version with a metal thread securing pin allowing repeated secure connections and disconnections
- Fixed non removable aluminium nozzle
- Lightweight and comfortable: designed to reduce user fatigue
- Complies with OSHA STD 1-13 and 1910.95(b) standards, as well as the 2003/10/CE directive

Manufacturing process and quality control

Similar to all products manufactured by Legris, blowgun components are fully controlled throughout the manufacturing process and finished products are 100 % checked by dedicated personnel (sealing, flow, trigger movement…)

Standards and regulations

- OSHA STD 1-13.1

  According to this standard, the dynamic pressure must be less than 30 psi should the nozzle become blocked
- OSHA 1910.95 (b)

  This standard specifies that the noise level should be less than 90 dBA throughout an 8 hour period of use.
- European Noise Directive 2003/10/CE

  European directive n° 2003/10/CE, dated 6 February 2003, sets the maximum recommended noise level exposure limits for operator use in order to protect against risks to health and safety. The directive sets a maximum noise level exposure limit of 87 dBA.

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