

AG CENTRUM

With over 20 years of experience in autogas industry, we know perfectly the needs and expectations of customers. Therefore, our offer incorporates a complete range of products from the most renowned global manufacturers required for LPG and CNG systems. The choice of Zenit controllers and other components we offer is a guarantee of quality, confirmed by many years of trust among drivers and professional installers.

The full list of products offered by AG Centrum is available at: www.agcentrum.pl



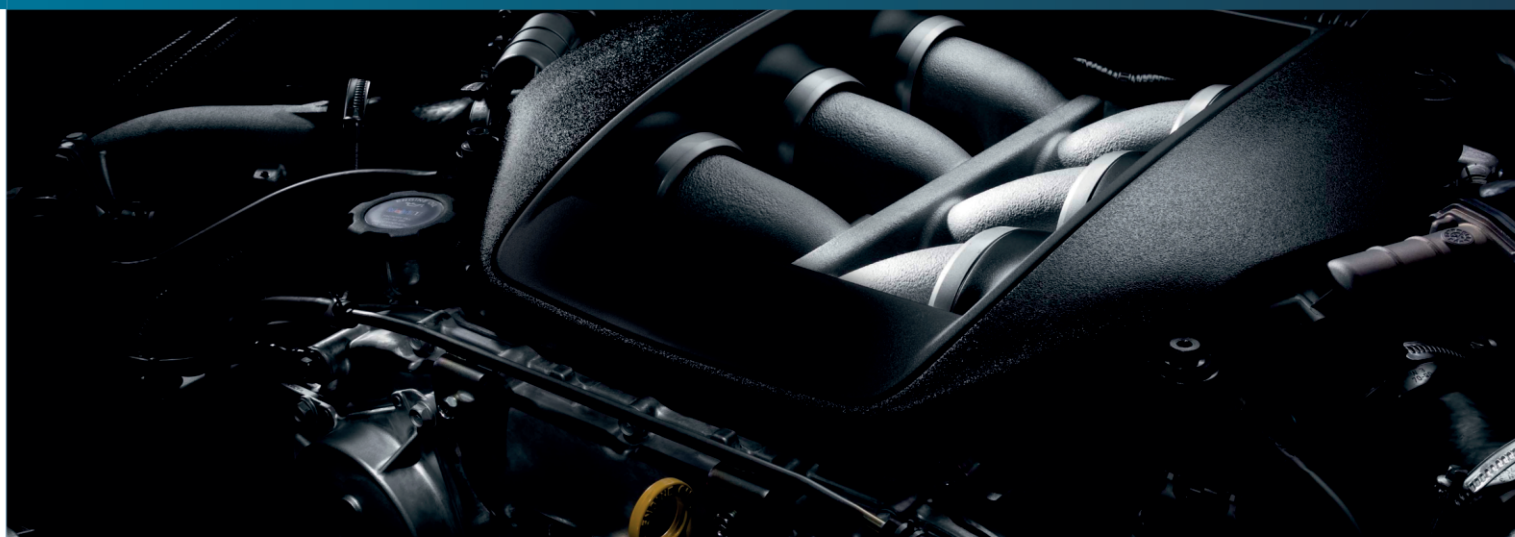
Zenit is a brand which has gained trust among users in over 50 countries around the world. It was the only brand thoroughly tested by experts in the field of automotive. In addition, Zenit has received multiple awards and recognition at international fairs. Our LPG and CNG systems are characterized by innovative technical solutions, thanks to which they ensure optimal performance parameters and longevity of the engine. Our quality standards are confirmed by ISO 9001: 2015 certificate and approval certificate issued by the Ministry of Infrastructure.



Join us! Become our distributor!



HERCULES BLUE



AG Centrum

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Poland

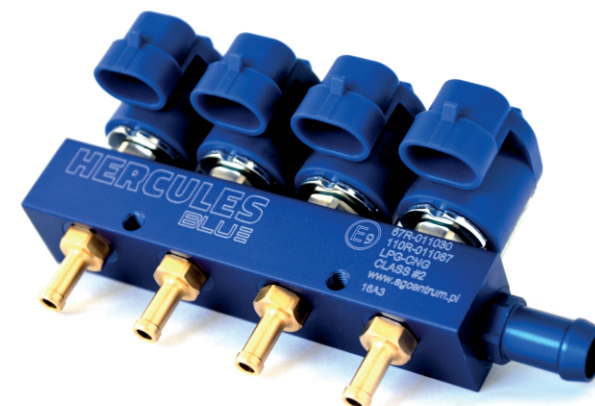
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HERCULES BLUE

Hercules Blue the injection rail which provides precise dosing of the vaporized gas to the inlet manifold separately to each engine cylinder. Thanks to the use of high quality materials, Hercules Blue injection rail is more durable and faster than traditional solutions. It is available in 2, 3 and 4 cylinder versions.

Injector efficiency for the selected nozzle diameter:

NOZZLE 1,9 MM	up to 20 HP per cylinder
NOZZLE 2,1 MM	from 17 up to 27 HP per cylinder
NOZZLE 2,4 MM	from 24 up to 36 HP per cylinder
NOZZLE 3,0 MM	from 35 up to 50 HP per cylinder



Choosing Hercules Blue you gain:

- 100% airtight injection rail (confirmed by tests),
- excellent efficiency even with low quality gaseous fuel,
- ease of maintenance and perfectly silent operation,
- outstanding timing parameters,
- factory calibrated piston stroke,
- rubber sealed piston with anti-friction coating,
- fuel consumption regulated by screw-in nozzles (1,5-3,0 mm).

HERCULES BLUE

TECHNICAL SPECIFICATION

FUEL TYPE	LGP/CNG
COIL RESISTANCE	2 Ω
MIN. OPENING TIME	2,4 ms
PERMISSIBLE WORKING PRESSURE	0,5-2,5 bar
MAXIMUM OPERATING PRESSURE	4,5 bar
EFFICIENCY	up to 50 HP/cyl
POWER SUPPLY VOLTAGE	DC 6V-18V
OPERATING TEMPERATURE	-20 to +120°C
CONNECTOR	AMP 282104-1 (Valtek type)
CURRENT CONTROL	Peak&Hold
APPROVALS	67R-01, 110R-00

COMPARISON OF SIMILIAR CLASS OF INJECTORS

MIN. OPENING TIME [ms]

HERCULES BLUE	HANA 2002	VALTEK TYPE 32	AC W01
2,4	2,4	2,4	2,4

MAXIMUM EXPENDITURE [KM]

HERCULES BLUE	HANA 2002	VALTEK TYPE 32	AC W01
50	40	38	45

COIL RESISTANCE [Ω]

HERCULES BLUE	HANA 2002	VALTEK TYPE 32	AC W01
2	1,9	3	2

