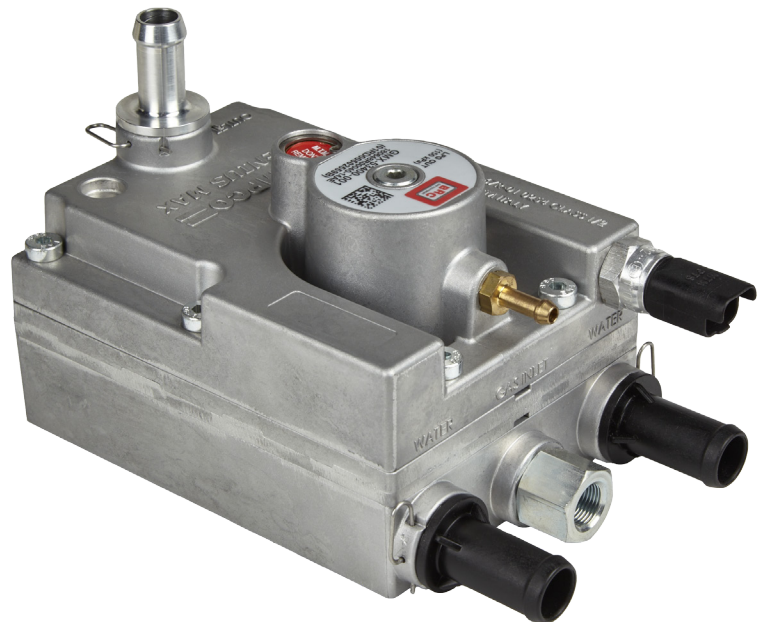


# GENIUS MAX

COMPACT HIGH PERFORMANCE SINGLE STAGE LPG REGULATOR  
POWERING PRODUCTIVITY THROUGHOUT THE WORLD

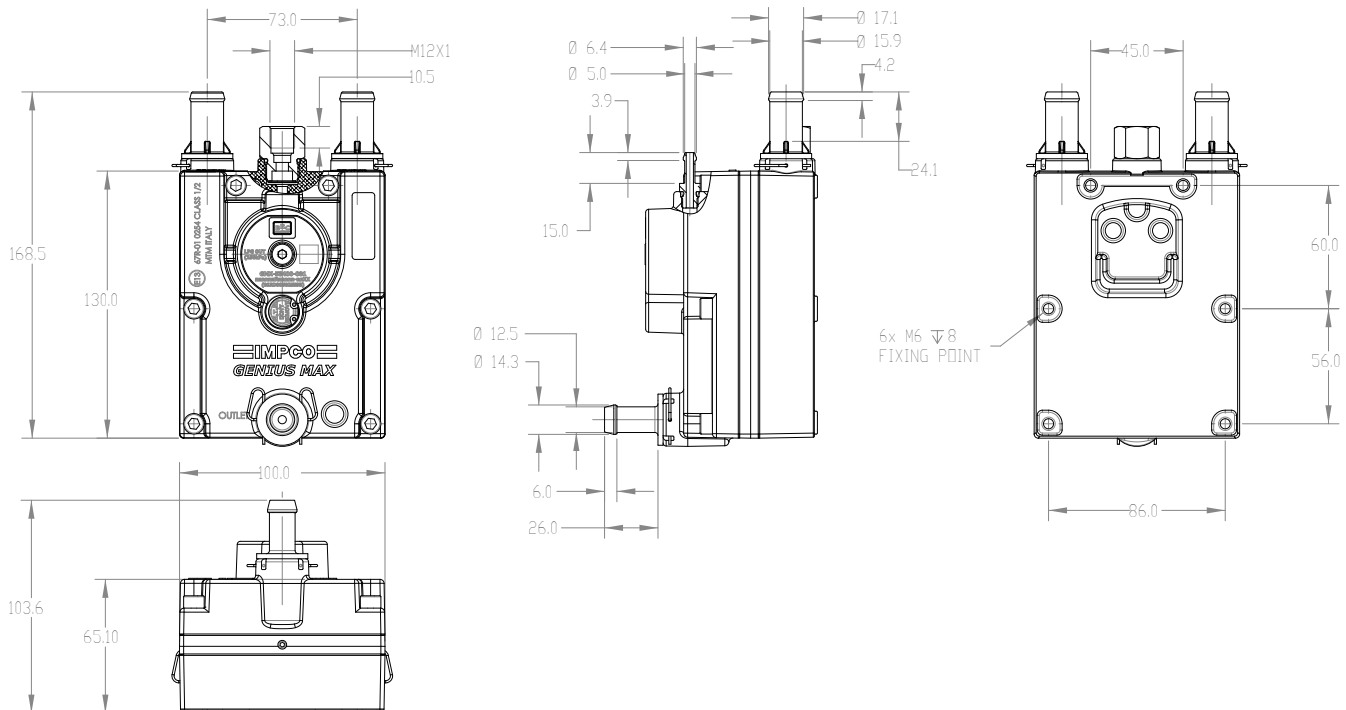
## Key Features

- Designed for easier packaging and installation
- Can be mounted underhood or under vehicle
- Robust design inside and out for the most demanding environments
- Integrated inlet filtration, tolerant to particles 200 µm and larger
- Integrated heating circuit to prevent freeze up
- Outlet pressure up to 200 kPa
- Capable to support engines up to 200 kW/268 HP
- Incorporates integrated safety relief valve
- Certified to ECE R67



# SPECIFICATIONS

GENIUS MAX	
<b>GENERAL INFORMATION</b>	
MOUNTING	Underhood and chassis installations acceptable
DESIGN	Single Stage diaphragm style regulator
BODY MATERIAL	Aluminum die casting
FUEL TYPE	LPG
<b>PERFORMANCE</b>	
TEMPERATURE RANGE	Operating: -20°C to 120°C (-4°F to 248°F) Storage: -40°C to 120°C (-40°F to 248°F)
NUMBER OF STAGES	Single (one)
PRESSURE RANGES	Nominal operating: 150 kPa (22 psi) over manifold pressure Working: 450 kPa (65 psi)
BURST PRESSURE	Inlet: >10.2 MPa (1,479 psi) Outlet: >1.0 MPa (145 psi)
RELIEVE VALVE SETTING	400 kPa (58 psi)
CLASSIFICATION PRESSURE	450 kPa (Class ½) (65 psi)
COOLANT TEMPERATURE SENSOR	Optional with the addition of P/N DE802051
TEMPERATURE RANGE	-40°C to 125°C (-40°F to 257°F)
SENSOR TYPE	NTC
CONNECTOR	Sicma 211PC022S0049 2 way
HEAT EXCHANGE MEDIUM	Water / Glycol
WORKING PRESSURE	200 kPa (30 psi)
FILTRATION	Integrated inlet screen filter
MASS	1.8 kg (4 lbs)
MAX KW/HP	200 kW / 270 HP
CORROSION / HUMIDITY	144 hours salt spray
VIBRATION	5 g sinusoidal 10-250 Hz
<b>APPROVALS</b>	
CERTIFICATIONS	R67-010254, AGA



ISO 9001:2008 registered  
ISO 14001:2004 registered

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