

LPG REDUCER R-TRE

Entry pipe fitting	Fitting for copper/thermoplastic pipe carrying LPG from tank
Added heating stage	The LPG is heated in order to obtain better engine performances
LPG Filter	Component used to clean the LPG coming from tank
Solenoid valve	Normally closed, has the function to intercept and stop the LPG flow when the engine is not running or powered by petrol.
Reducer 1° stage	Chamber that allow a reduction of pressure of the LPG
Outlet fitting	Fitting for copper pipe at the outlet of the reducer, to the engine.
Outlet pressure	Allows a manual regulation of the outlet pressure in order to meet the requirement of the different automotive engines
Pressure relief valve	Valve with a retaining spring that allows the relief of the LPG in vapour phase from the reducer, in case of overpressure.

Technical data

Material	Die cast aluminium body, CNC machined
Weight	1,5kg (without accessories)
Size	163 x 126x h118mm
Max. inlet pressure	3 MPa
Outlet pressure	Variable from 1 to 2 BAR (when tested non connected to the engine)
Solenoid voltage	13,8 V dc (12V) * * When engine working
Solenoid power dissipation	11W
All other functional and environmental characteristic:	According to Regulation ECE 67R - 01
Engine Power	Suitable for small to high power engines (from 150KW to 350 KW) operating at ambient temperature not lower than -10° C. For the regions with colder climate (up to -30°C) the power have to be decreased with 20%. In case of operation at temperatures permanently higher than the indicated limit, the LPG reducer can be used on engines having power exceeding the range above indicated (+10%).

