



MODEL PJ SERIE-TWO STAGHE CONVERTER, CNG

TECHNICAL DESCRIPTION

The Model PJ Series is a positive pressure, two-stage regulator. It is designed for positive pressure CNG fuel systems where liquid vaporization and engine coolant heating is not required. These regulators are able to provide positive flow in applications up to 59.7 kW (80 hp). PJ regulators are available in several fixed pressures. Adjustable pressure units are also available in varying pressure ranges. Fixed regulators can be converted in the field to adjustable with the AC1-74 kit. Additionally, adjustable units can be converted to fixed pressure by using the H3-3 spring cover. Fixed pressure regulators are preferred in applications that are not subject to fuel quality variations or to deter unauthorized tampering. There is a primary pressure test port and “left” or “right” fuel outlets. Optional diaphragms are available in silicone material



TECHNICAL SPECIFICATIONS

Fuel Type	Compressed Natural Gas (CNG)
Max. Inlet Pressure	2,151 kPa (312 psi)
Min. Inlet Pressure	207 kPa (30 psi)
Primary Pressure	13.8 to 27.6 kPa (2.0 to 4.0 psi)
Nominal Outlet Pressure	0.673 to 1.62 kPa (+2.7 to + 6.5” w.c.)
Horsepower Rating	59.7 kW (80 hp)
Temperature Range	-40° to +121° C (-40° to 250° F)
Filtration Requirement	40 micron
Heating Chamber Source	Engine Coolant
Mounting Position	Vertical (outlet down) recommended. Horizontal (secondary cover up) position can be controlled.
Weight	1.63 kg (3.6 lbs.)
Applications	Open Loop, Closed Loop, Forced Induction up to 34.4 kPa (5 psi)