



# COBRA SERIES TWO-STAGE CONVERTER

## TECHNICAL DESCRIPTION

The IMPCO COBRA® Series converters deliver superior performance and excellent pressure output consistency throughout service life. Three vapor outlet pressures are available. Use of the standard blue secondary spring provides negative 0.37 kPa (-1.5 inches w.c.). The optional orange second spring provides negative 0.12 kPa (-0.5 inch w.c.) and the red secondary spring provides negative 0.05 kPa (-0.2 inch w.c.) output.

## TECHNICAL SPECIFICATION

- Fuel Type ..... Liquid / Vapor Propane
- Maximum Inlet Pressure ..... 2,151 kPa (312 psi)
- Minimum Inlet Pressure ..... 207 kPa (30 psi)
- Primary Pressure ..... 6.9 to 13.8 kPa (1.0 to 2.0 psi)
- Nominal Outlet Pressure
  - ..... Standard (blue spring) -0.37 kPa (-1.5 w.c.)
  - ..... Cobra I (orange spring) -0.12 kPa (-0.5 w.c.)
  - ..... Cobra II (red spring) -0.05 kPa (-0.2 w.c.)
- Horsepower Rating ..... 3.7 to 75 kW (5 to 100 hp)
- Temperature Range ..... -40° C to +121° C (-40° to +250° F)
- Filtration Requirement ..... 40 micron
- Heating Chamber Source ..... Engine Coolant, Engine Oil, Exhaust Heat can be used w/B3-20 baffle.
- Mounting Position ..... Vertical (outlet down) recommended. Horizontal (secondary cover up) position can be used when fuel contamination can be controlled with HD-5 specified propane fuel.
- Weight ..... 0.86 kg (1.9 lbs)
- Applications ..... Open Loop, Closed Loop, Forced Induction up to 34.4 kPa (5 psi)

