

Coolant Powered

CNG FUEL WARMING PRODUCTS



AFCPCFWP-260819



Natural gas is stored in tanks on board the vehicle at a "tank pressure" ranging from 250 psi to 3600 psi. A regulator is used to regulate this pressure to a value typically around 115 psi. As a result of the pressure drop through the regulator, the natural gas reaches temperatures nearing -200° F.

Function

To prevent the natural gas from dropping below an acceptable temperature. The high quality, 100% stainless steel heat exchangers from Arctic Fox[®], designed for CNG applications. The Arctic Fox[®] heat exchanger is utilized to prevent the natural gas from dropping below an acceptable temperature based on engine temperature and load. At low fuel rates, a thermostat is required to prevent heating of the gas above an acceptable temperature.

Applications

CNG engines

Features

Converts natural gas fuels to combustible energy sources

Keep natural gas from dropping below the accepted engine temperature

Raises the fuel pressure as it is heated

Integral thermostat option available

Benefits

Simple compact design

NPTF or Swagelok fuel ports available

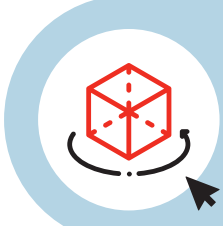


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and start engineering.