

# PRODUCT HIGHLIGHTS

## Alternative CNG & LNG Fuel Filtration

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Compressed and Liquefied Natural Gas (CNG and LNG) are becoming more popular alternative fuels every year. Compressed Natural Gas is made by compressing natural gas to less than 1% of its volume at standard atmospheric pressure. Liquefied Natural Gas is made by cooling natural gas to about -260°F (-162.2° C) at standard atmospheric pressure resulting in the condensation of the gas into a liquid form.

Increasing fuel prices have led to more interest in these alternative fuels. CNG/LNG costs less than diesel and gasoline with up to 90% less emissions depending on the make and model of the application. LNG fuel systems are normally only used in heavy-duty applications.

The U.S. Department of Energy Alternative Fuels and Advanced Data Center currently recognizes thirty-six heavy-duty applications using CNG/LNG as an alternative fuel. Typical heavy-duty applications using CNG/LNG are buses, street sweepers, waste haulers and other municipal applications.

Of the applications currently available in the marketplace, Baldwin Filters offers 94% lube and fuel filter coverage. Our BF7695 is used as the CNG/LNG fuel filter on 90% of the available applications, and 100% of Class 8 CNG/LNG-powered trucks. Some applications have an in-tank fuel filter that is not a serviceable part.

As demands for CNG/LNG increase in the near future, look for more applications to be using natural gas filters.



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