

GAS SUPPLY PRESSURE:

1 to 5 psi

GAS SUPPLY SIZING:

9 scfh/kW

TEMPERATURE RANGE (AMBIENT):

-40C to 80C (with available cold weather kit)

ELECTRICAL POWER SUPPLY:

19.2VDC to 30VDC, 24VDC nominal, 11A max.

CONTROL SYSTEM ENCLOSURE:

NEMA 4x indoor/outdoor, IP65 ingress protection



HYTHANE®

Hythane Company

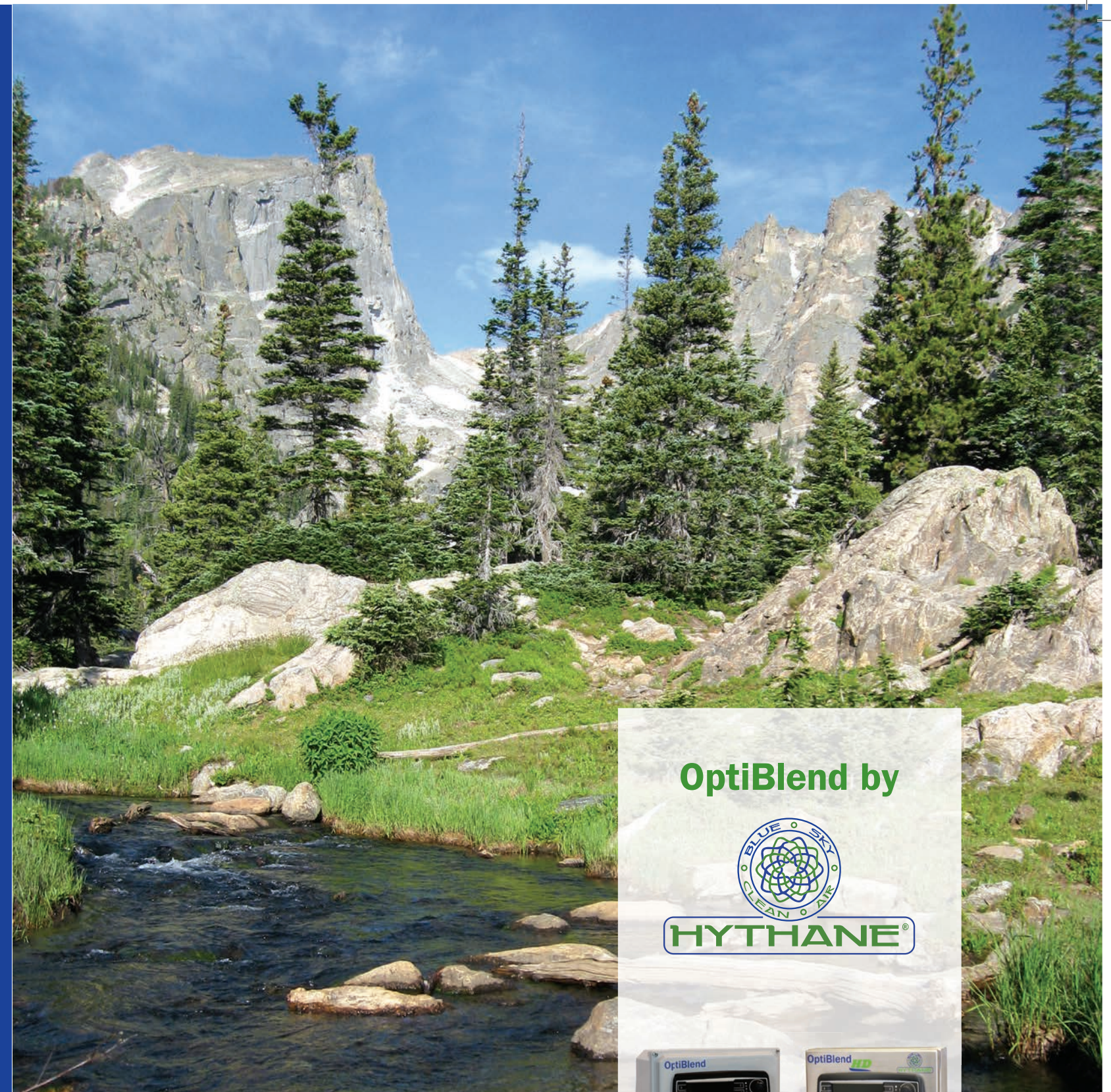
A Division of Eden Energy

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OptiBlend by



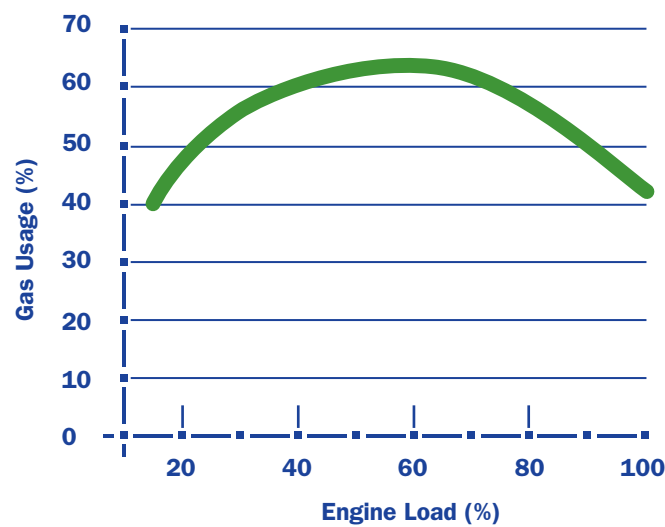
HYTHANE®



REPLACING DIESEL WITH ALTERNATIVE FUELS FOR OPERATIONAL SAVINGS AND EXTENDED RUNTIME

- Safely maximizes gas usage through the entire load range
- Dynamic control system provides immediate response to load variations of any size
- No loss of engine power or engine response time
- Able to instantly revert back to 100% diesel

Typical OptiBlend Performance



Highly Engineered Systems

- Proprietary mixer design sized per engine
- Infinitely adjustable gas control valve for precise gas usage
- Custom engineered solutions to fit your needs
- Remote monitoring available
- Catalyst monitoring available



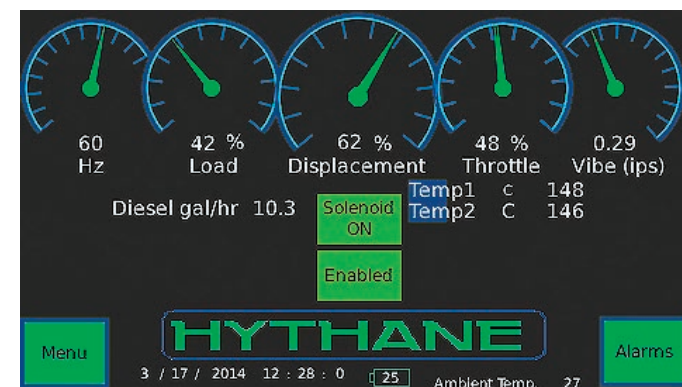
The OptiBlend offers solutions for your specific needs

- Standard Duty controller for backup and prime power applications
- Heavy Duty controller for oilfield and pumping applications
- Controllers are only 10" x 8" x 4"

	SD Kit	HD Kit
Dynamic Response	✓	✓
< 20 ms Reaction Time	✓	✓
Engine Warranty	✓	✓
Ability to Adjust for Gas Quality	✓	✓
Ideal for Heavy Vibration	✗	✓
Cold Weather Kit Option	✗	✓
Pump Control Option	✗	✓
Stainless Steel Control Box	✗	✓
Field Proven Performance	✓	✓

Robust Control Screen

- Displays critical information and allows for simple troubleshooting
- Wide temperature rating (minus 40C to 80C)
- No need to remove gloves to operate



Advanced Features

- True closed loop feedback compensates for varying gas quality
- Ideal for field gas operation
- Ability to balance gas delivery to each cylinder bank



Field Proven

- Proven on all major OEM engines
- Proven on wide range of applications including backup/standby power, oil drilling, pressure pumping, primary power, peak power shaving, and paralleled applications



Safety and Reliability

- Dynamic control ensures safe operation
- Zero pressure design assures no overfueling of gas
- Hythane offers a comprehensive warranty that covers engines operating with the OptiBlend system



Cold Weather Operation

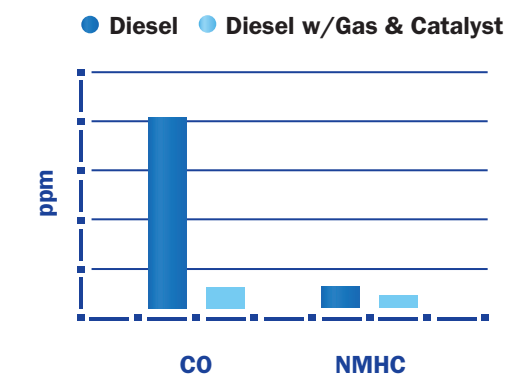
- The OptiBlend cold weather option allows operation in temperatures as low as minus 40C.



Proven Emissions Benefits

- The OptiBlend by Hythane provides substantial reduction in NOx and Particulate Matter
- CO emissions are reduced when the OptiBlend is used in conjunction with a Diesel Oxidation Catalyst

CO and NMHC Emissions



NOx Emissions

