

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**

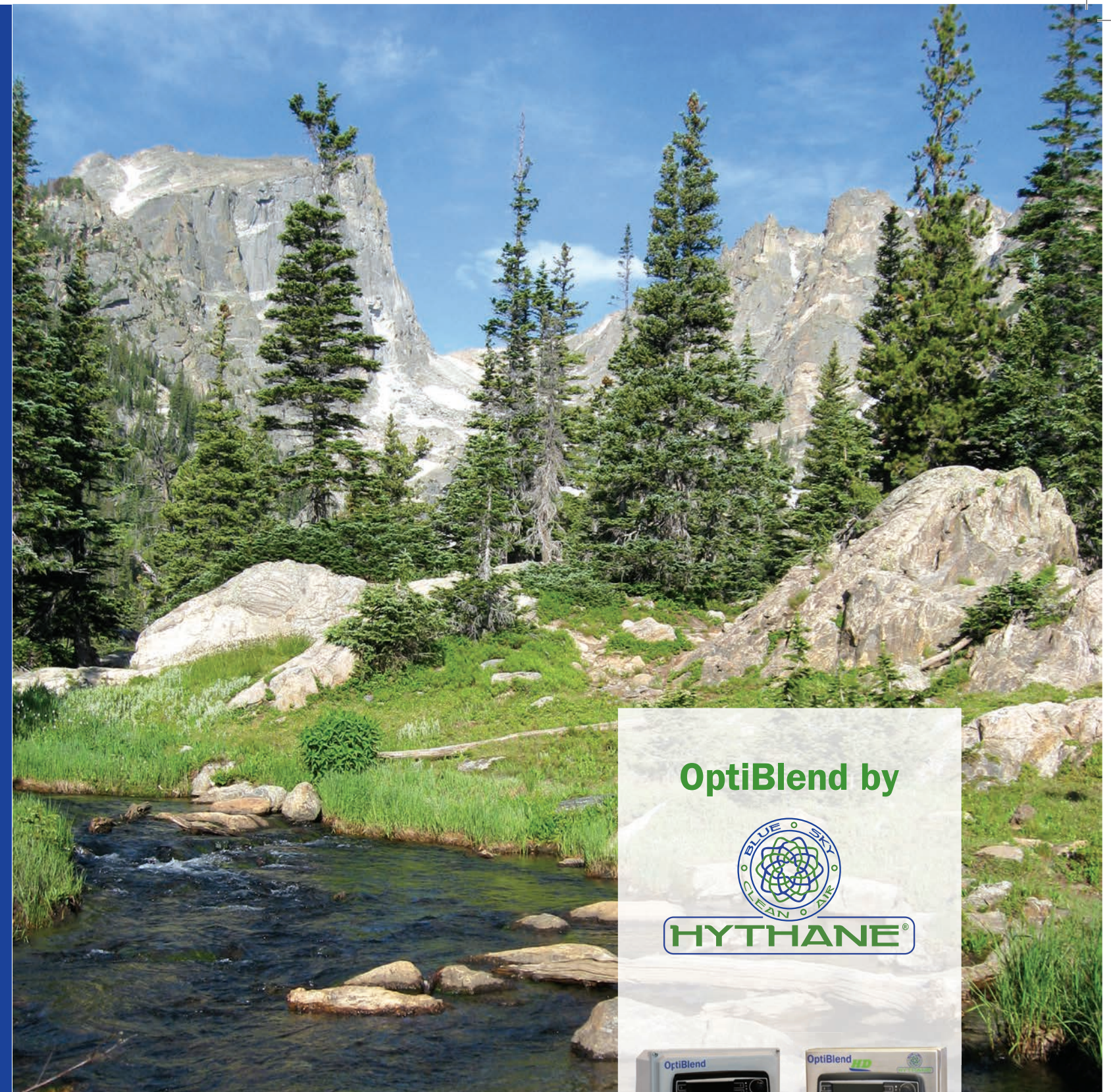
A Division of Eden Energy

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**OptiBlend by**



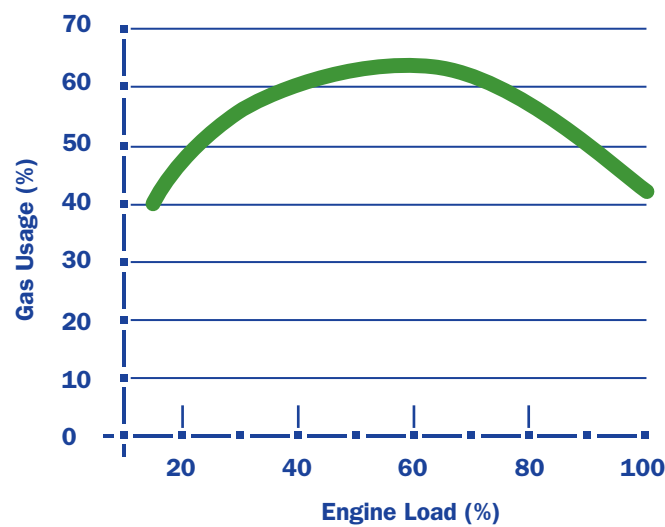
**HYTHANE®**



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



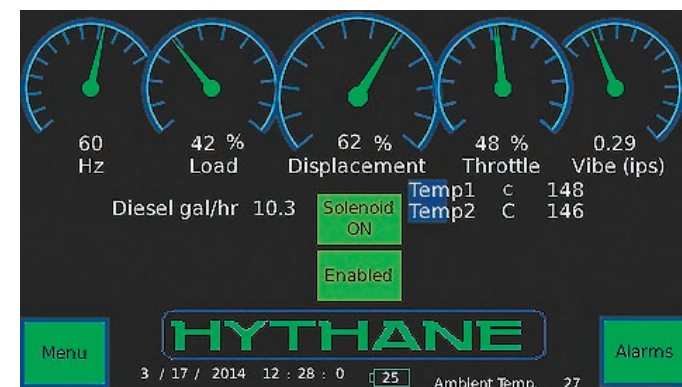
### The OptiBlend offers solutions for your specific needs

- 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
<b>Dynamic Response</b>	✓	✓
<b>&lt; 20 ms Reaction Time</b>	✓	✓
<b>Engine Warranty</b>	✓	✓
<b>Ability to Adjust for Gas Quality</b>	✓	✓
<b>Ideal for Heavy Vibration</b>	✗	✓
<b>Cold Weather Kit Option</b>	✗	✓
<b>Pump Control Option</b>	✗	✓
<b>Stainless Steel Control Box</b>	✗	✓
<b>Field Proven Performance</b>	✓	✓

### 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

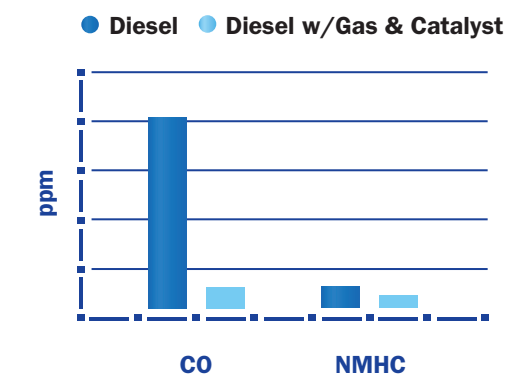
- The OptiBlend cold weather option allows operation in temperatures as low as minus 40C.



### 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

