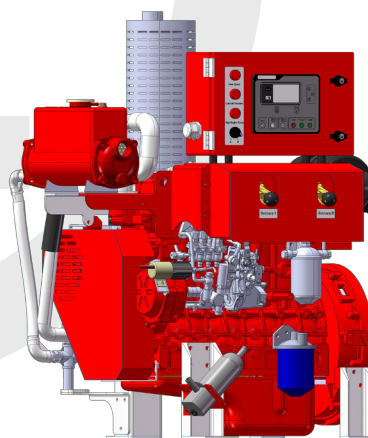
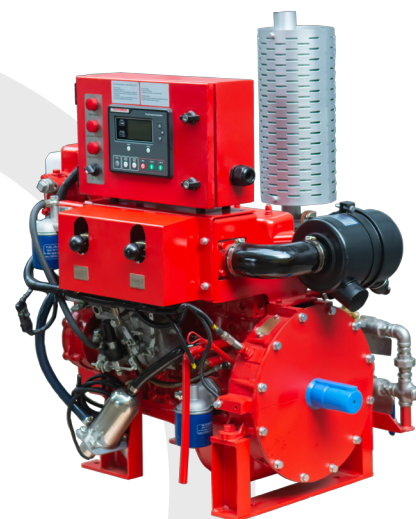


## UL Listed Fire Pump Engines

### Specification

Engine Model		490HE
Engine Type		Vertical, Water-cooling 4-stroke, direct-injection
Cooling Method		Heat Exchanger
Aspiration		Natural
Number of Cylinders		4
Bore x Stroke (mm)		90*105
Compression Ratio		18:1
Total Displacement(L)		2.67
Net Power	KW/HP	38.2/52
Rated Speed	r/min	3000
Rated Torque	N.m	≥136
Fuel Consumption	g/kW.h	≤243
Rotating Direction at Output End		Counter-clockwise
Lubrication Oil Standard		CD15W/40
Lubrication Oil Content	L	7
Lubrication Method		Pressure and Splash
Starting Method		Electric 24V
PTO Type		Stub Shaft
Net Weight	kgs	360



### Engine Ratings Baselines

Engines are not to be used for continuous duty. Engines are to be used only for stationary emergency standby fire pump

Engines are rated at standard SAE conditions of 29.61 in. (7,521 mm) Hg barometer and 77°F (25°C) inlet temperature (approximates 300ft. (91.4m) above sea level)

