



# FIRE PUMP DRIVER ENGINE



UL LISTED & FM APPROVED DRIVER



For further information please visit:  
[www.fire-driver.com](http://www.fire-driver.com)

CAT.NO: NF/FD-CERT/03/22

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# DIESEL ENGINE

## HEAT EXCHANGER & RADIATOR TYPE

A fire pump has to start immediately based on demand; NAFFCO brand diesel engines have a reputation for consistent starts and lowest operation and maintenance costs. The NAFFCO brand diesel engines are UL listed as per the requirements stated in NFPA 20 and are designed and manufactured according to UL 1247 standards.

These engines go through stringent quality checks and are run tested for their performance ratings at the factory prior to dispatch, only those engine that pass through our rigorous quality checks will be supplied to our valuable customers

### FEATURES

- Easy maintenance
- Highly reliable and advanced diesel engines
- Durable and long lasting
- Rugged Construction built for heavy-duty purpose.
- Reduced noise emission levels to avoid additional acoustic enclosures
- Precise and accurate instrument control with LCD screen for monitoring the performance and health of the diesel engine
- Cooling system designed as per NFPA 20 for optimal heat transfer in order to maintain the diesel engine in optimum conditions.
- Conforms to UL 1247 standards
- Best economic fuel consumption rate.
- A very effective and efficient air intake system

**“ HEAVY-DUTY, RUGGED CONSTRUCTION &  
RELIABLE OPERATION ”**



# DIESEL ENGINE

## MODEL SERIES : FD - H

Engines are rated at standard conditioned as per SAE J1349 testing code.



## LISTINGS & APPROVALS

### FD-30H

18 HP - 2800 RPM	-	FM APPROVED
19 HP - 2900 RPM	UL LISTED	FM APPROVED
20 HP - 3000 RPM	-	FM APPROVED

### FD-50H

30 HP - 2800 RPM	-	FM APPROVED
36 HP - 2900 RPM	UL LISTED	FM APPROVED
40 HP - 3000 RPM	-	FM APPROVED

### FD-80H

46 HP - 2800 RPM	-	FM APPROVED
50 HP - 2900 RPM	UL LISTED	FM APPROVED
60 HP - 3000 RPM	-	FM APPROVED

### FD-80R

50 HP - 2900 RPM	UL LISTED	-
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### FD-95H

95 HP - 2900 RPM	UL LISTED	-
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### FD-110R

87 HP - 2900 RPM	UL LISTED	-
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### FD-140H

124 HP - 2800 RPM	-	FM APPROVED
127 HP - 2900 RPM	UL LISTED	FM APPROVED

### FD-175H

170 HP - 2800 RPM	-	FM APPROVED
170 HP - 2900 RPM	UL LISTED	FM APPROVED
172 HP - 3000 RPM	-	FM APPROVED
175 HP - 3000 RPM	UL LISTED	-

### FD-180H

185 HP - 2900 RPM	UL LISTED	-
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### FD-190H

176 HP - 2800 RPM	-	FM APPROVED
190 HP - 2900 RPM	UL LISTED	FM APPROVED

### FD-225H

225 HP - 2900 RPM	UL LISTED	-
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### FD-250H

194 HP - 2800 RPM	-	FM APPROVED
250 HP - 2950 RPM	UL LISTED	FM APPROVED
250 HP - 3000 RPM	-	FM APPROVED
255 HP - 3000 RPM	UL LISTED	-

### FD-325H

310 HP - 2900 RPM	UL LISTED	-
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NAFFCO FIREDRIVER ENGINE



# DIESEL ENGINE

## MODEL SERIES : FD - HN

Engines are rated at standard conditioned as per SAE J1349 testing code.



## LISTINGS & APPROVALS

### FD-51HN

51 HP - 2950 RPM	UL LISTED	-
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### FD-86HN

86 HP - 2950 RPM	UL LISTED	-
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### FD-94HN

94 HP - 2950 RPM	UL LISTED	-
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### FD-96HN

82 HP - 2200 RPM	-	FM APPROVED
87 HP - 2200 RPM	UL LISTED	-
95 HP - 2950 RPM	UL LISTED	FM APPROVED

### FD-121HN

117 HP - 2950 RPM	-	FM APPROVED
121 HP - 2950 RPM	UL LISTED	-

### FD-192HN

192 HP - 2900 RPM	-	FM APPROVED
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### FD-248HN

194 HP - 1470 RPM	UL LISTED	-
221 HP - 1760 RPM	UL LISTED	-
248 HP - 2100 RPM	UL LISTED	-

### FD-268HN

239 HP - 2900 RPM	-	FM APPROVED
268 HP - 2900 RPM	UL LISTED	-

### FD-280HN

219 HP - 1500 RPM	UL LISTED	-
255 HP - 1760 RPM	UL LISTED	-
268 HP - 1900 RPM	UL LISTED	-
280 HP - 2100 RPM	UL LISTED	-

### FD-305HN

244 HP - 1470 RPM	UL LISTED	FM APPROVED
280 HP - 1760 RPM	UL LISTED	FM APPROVED
305 HP - 2100 RPM	UL LISTED	FM APPROVED

### FD-335HN

335 HP - 2950 RPM	UL LISTED	-
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### FD-340HN

338 HP - 1760 RPM	-	FM APPROVED
340 HP - 1470 RPM	-	FM APPROVED

### FD-375HN

340 HP - 1470 RPM	UL LISTED	FM APPROVED
375 HP - 1760 RPM	UL LISTED	FM APPROVED

NAFFCO FIREDRIVER ENGINE



# DIESEL ENGINE

## MODEL SERIES : FD - HN

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## LISTINGS & APPROVALS

### FD-412HN

● 346 HP - 1470 RPM	UL LISTED	-
● 396 HP - 1760 RPM	UL LISTED	-
● 412 HP - 2100 RPM	UL LISTED	-

### FD-460HN

● 400 HP - 1500 RPM	UL LISTED	-
● 426 HP - 2020 RPM	UL LISTED	-
● 457 HP - 1760 RPM	UL LISTED	-
● 460 HP - 1900 RPM	UL LISTED	-

### FD-496HN

● 447 HP - 1470 RPM	UL LISTED	-
● 483 HP - 1760 RPM	UL LISTED	-
● 496 HP - 2100 RPM	UL LISTED	-

### FD-617HN

● 543 HP - 1470 RPM	UL LISTED	-
● 597 HP - 1760 RPM	UL LISTED	-
● 617 HP - 2100 RPM	UL LISTED	-

### FD-762HN

● 680 HP - 1470 RPM	-	FM APPROVED
● 688 HP - 1470 RPM	UL LISTED	-
● 744 HP - 1760 RPM	UL LISTED	FM APPROVED
● 759 HP - 2100 RPM	UL LISTED	-
● 762 HP - 2090 RPM	-	FM APPROVED

### FD-778HN

● 680 HP - 1470 RPM	UL LISTED	FM APPROVED
● 778 HP - 1760 RPM	-	FM APPROVED
● 783 HP - 1760 RPM	UL LISTED	-

### FD-878HN

● 805 HP - 1460 RPM	-	FM APPROVED
● 805 HP - 1470 RPM	UL LISTED	-
● 878 HP - 1740 RPM	-	FM APPROVED
● 878 HP - 1760 RPM	UL LISTED	-

### FD-1010HN

● 881 HP - 1470 RPM	UL LISTED	-
● 1010 HP - 1760 RPM	UL LISTED	-

### FD-1207HN

● 1036 HP - 1540 RPM	UL LISTED	FM APPROVED
● 1187 HP - 1760 RPM	-	FM APPROVED
● 1207 HP - 1760 RPM	UL LISTED	-

NAFFCO FIREDRIVER ENGINE



# DIESEL ENGINE

## MODEL SERIES : FD - Hi

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## LISTINGS & APPROVALS

### FD-50Hi

43 HP - 2900 RPM

FM APPROVED

### FD-70Hi

62 HP - 1760 RPM

70 HP - 2100 RPM

74 HP - 2200 RPM

74 HP - 2350 RPM

77 HP - 2600 RPM

### FD-80Hi

57 HP (2800 RPM) to 55 HP (3000 RPM)

57 HP - 2800 RPM

56 HP - 2900 RPM

55 HP - 3000 RPM

### FD-90Hi

77 HP (2800 RPM) to 76 HP (3000 RPM)

77 HP - 2800 RPM

77 HP - 2900 RPM

76 HP - 3000 RPM

### FD-110Hi

108 HP - 1760 RPM

111 HP - 2100 RPM

117 HP - 2200 RPM

143 HP - 2350 RPM

151 HP - 2600 RPM

### FD-140Hi

146 HP (2800 RPM) to 116 HP (3000 RPM)

146 HP - 2800 RPM

131 HP - 2900 RPM

116 HP - 3000 RPM

### FD-175Hi

105 HP (2800 RPM) to 152 HP (3000 RPM)

105 HP - 2800 RPM

128 HP - 2900 RPM

152 HP - 3000 RPM

### FD-190Hi

164 HP (2800 RPM) to 217 HP (3000 RPM)

164 HP - 2800 RPM

191 HP - 2900 RPM

217 HP - 3000 RPM

### FD-220Hi

169 HP - 1760 RPM

191 HP - 2100 RPM

196 HP - 2200 RPM

203 HP - 2350 RPM

225 HP - 2600 RPM

NAFFCO FIREDRIVER ENGINE



# DIESEL ENGINE

## MODEL SERIES : FD - Hi & HT

Engines are rated at standard conditioned as per SAE J1349 testing code.

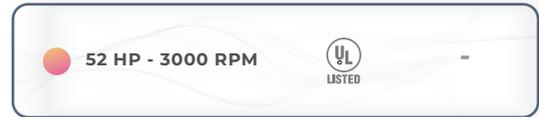


## LISTINGS & APPROVALS

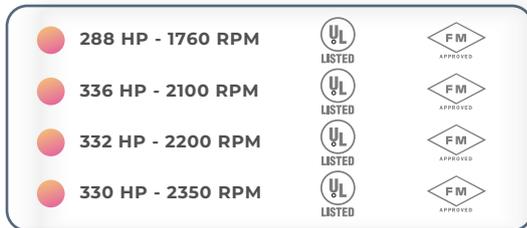
### FD-250Hi



### FD-80HT



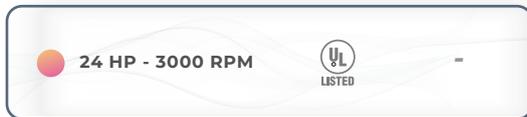
### FD-330Hi



### FD-140HT



### FD-30HT



### FD-50HT



NAFFCO FIREDRIVER ENGINE

## ENGINE TESTING

**OUR ENGINES  
TESTED PRIOR  
DISPATCH TO  
MEET CERTIFIED  
PERFORMANCE  
RATING**



**OUR ENGINES  
SUBJECTED  
TO RIGOROUS TEST  
TO ENSURE  
RELIABLE  
PERFORMANCE**



Our manufacturing facility for diesel engine has been assessed against ISO 9001 requirements by UL DQS (Underwriters Laboratories Inc) and BSI (British Standard Institutions).

Our Diesel Engine Test facility is capable of conducting the following tests:

- Endurance Test
- Operational Test
- Continuous Running Test
- Rotational Speed Test
- Load Test



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