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## ELECTRIC OR HYDRAULIC DRIVEN CENTRIFUGAL, UP TO 140 GPM, 82 PSI

The HHLF series pump by MP meets USCG specifications as an auxiliary fire pump for most vessels. Options include bronze or cast iron construction, 2" or 1 1/2" ports, electric, engine, clutch or hydraulic drive. Electric driven options include single or three phase, 50 or 60 hz, IEEE-45 enclosure and custom configurations to meet MCA, Lloyds, ABS and USCG specifications. Below are a few of electric and hydraulically driven models.

Pump Series	GPM at PSI				MAX PSI
	20	40	60	70	
Electrically Driven HHLF with 2" Ports	145	123	66	30	75
Electrically Driven HHLF with 1 1/2" Ports	140	123	66	30	75
Hydraulically Driven HHLF with 2" Ports*	160	150	110	85	82
Hydraulically Driven HHLF with 1 1/2" Ports*	150	147	105	80	82

\*Flow for hydraulically driven pump is displayed at 3600 rpm

## DIESEL DRIVEN STAND-BY, UP TO 140 GPM, 75 PSI

This stand-by diesel driven fire pump meets United States Coast Guard specifications as an auxiliary fire pump for most vessels. It utilizes a rugged 10 horsepower Yanmar diesel engine and will self-prime to 20 feet. Options include the choice of bronze or cast iron construction and 2" or 1 1/2" FPT ports.

Model Number	Body Material	Port Size	Gallons per minute at PSI				Max PSI
			20	40	60	70	
MP HHLF-2B-DYV36B	Bronze	2"	145	123	66	30	75
MP HHLF-2C-DYV36B	Cast Iron	2"	145	123	66	30	75
MP HHLF-1-1/2B-DYV36B	Bronze	1 1/2"	140	117	66	30	75
MP HHLF-1-1/2C-DYV36B	Cast Iron	1 1/2"	140	117	66	30	75

Cage, hose and fittings are available as optional accessories.

## ECONOMY DIESEL DRIVEN STAND-BY, UP TO 120 GPM, 88 PSI

AMT's diesel driven fire pump is an economical solution for stand-by fire protection governmentally required on many larger vessels. It comes equipped with a 4.7 horsepower Yanmar diesel engine, Die-Cast aluminum housing, 2" ports, silicon carbide seal and painted steel roll cage with rubber feet (optional wheel kit available). Dimensions: 16.62" high x 18.5" wide x 25" long.

Model Number	Body Material	Port Size	GPM at PSI				Max PSI
			20	40	60	70	
AM 2P5YR	Aluminum	2"	107	85	56	40	88

## DIESEL DRIVEN "NAVY SPEC", UP TO 250 GPM, 90 PSI

Darley manufactures a wide range of fire pumps for water and foam. Below are two models specifically created for the marine environment. The P100 (replaces the Navy's model P250) is the choice of the United States Navy and meets their rigorous specifications. An equally effective and less expensive version (without the Navy rating) of the P100 is available. Both versions are supplied with a 10hp Yanmar diesel engine, high-strength aluminum alloy housing, bronze impeller and wear rings, stainless steel impeller shaft and injection-style packing. Optional equipment includes roll cage, battery kit and hand primer.

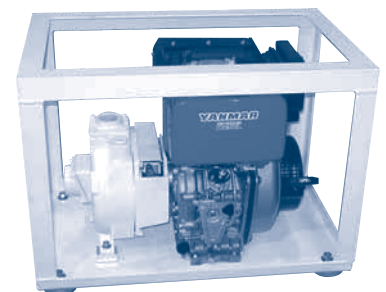
Model Number	Navy Rating	Port Size	Gallons Per Minute at PSI		
			20	60	90
Darley 28E P100	Yes	3" x 2 1/2" NPT	250	180	95
Darley 28E 10YD	No	3" x 2 1/2" NPT	250	180	95

### MP HHLF



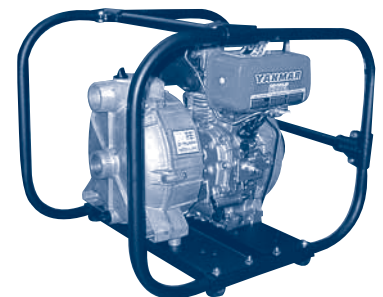
Electric or Hydraulic Driven

### MP HHLF



10 HP Yanmar Diesel

### AMT



4.7 HP Yanmar Diesel

### DARLEY PUMPS



"Navy Spec" Diesel Fire Pump