

Engine Driven Self-Priming Two Stage High Pressure/Fire Pumps

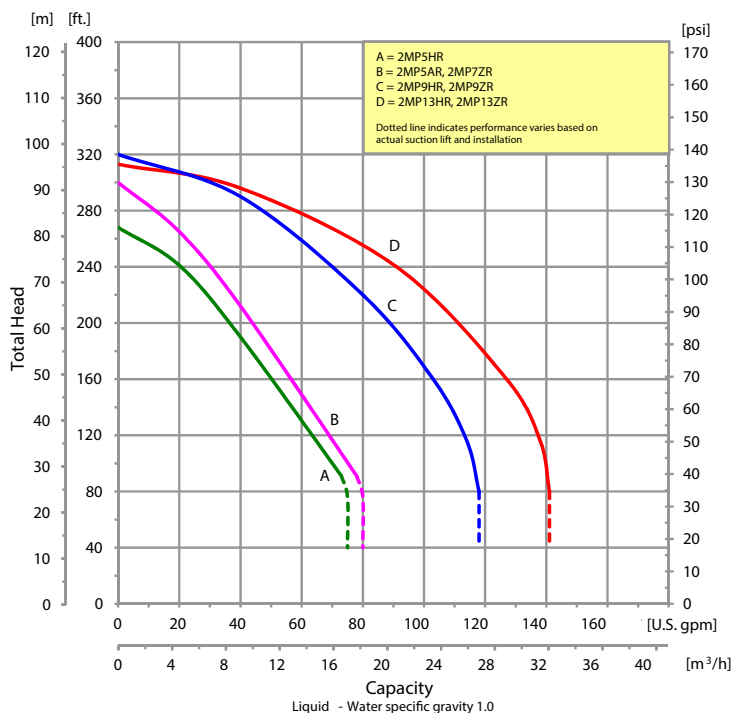
Model 2MP5AR



Close Up View of
Optional 1-1/2"
MNPT 2MPX-90
Flange Kit

- **Cast Aluminum Construction with Cast Iron Diffusers**
- **Two-Stage Precision Cast Aluminum Impellers**
- **2" NPTM Cast Iron Suction Port**
- **Three-Way Cast Iron Discharge Port**
- **Viton® Mechanical Seal with Silicon Carbide and Carbon Faces**
- **EPDM/EPR O-Rings and Gaskets**
- **Maximum Head up to 155 PSI**
- **Maximum Flow up to 160 GPM**
- **Built-in Flapper/Check Valve Permits Self-priming to 20 Ft.**
- **Heavy Duty Steel Roll Frame Included**
- **Engine Options: Honda, Briggs & Stratton Gasoline or Hatz Diesel**
- **Optional Wheel Kit Available**

Performance of Engine-Driven 2-Stage High Pressure Pumps



The IPT Self-priming Two-stage High Pressure Engine Driven pump includes precision cast aluminum impellers to maximize performance and pressure. Cast iron diffusers for durability and extended life. Aluminum construction and heavy duty powder coated steel frame allows portability for use in many applications. This pump features cast iron male NPT ports, silicon carbide mechanical seals, EPDM/EPR O-rings and gaskets, built-in flapper/check valve and wrench for easy service of the pump. This unit is ideal for fire protection, emergency fire fighting, washdown and AG/sprinkler applications.



400 Spring Street • Royersford, PA 19468 USA

www.amtpump.com • 888-amt-pump (268-7867)

For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. DuPont.

Pump Dimensional & Specification Data

Model	Curve	Driver	Seal Type & Elastomer/Faces	Run Time (Hr.)	Tank Size (Gal/Ltr)	Ship Wt. (Lbs.)
2MP5HR	A	Honda GX160 [▲]	Viton [®] Silicon Carbide/Carbon & EPDM/EPR O-rings, Gasket & Flapper/- Check Valve	2.0	0.82/3.1	110
2MP7ZR	B	Hatz 1B30 ^{▲++}		2.8	1.32/5.0	190
2MP5AR	B	B & S Vanguard [▲]		1.3	0.87/3.3	110
2MP9ZR	C	Hatz 1B40 ^{▲++}		1.9	1.32/5.0	240
2MP9HR	C	Honda GX270 [▲]		2.5	1.40/5.3	145
2MP13HR	D	Honda GX390 ^{▲++}		2.5	1.60/6.1	185
2MP13ZR	D	Hatz 1B50 ^{▲++}		1.8	1.32/5.0	270

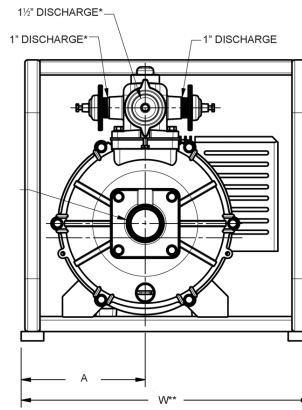
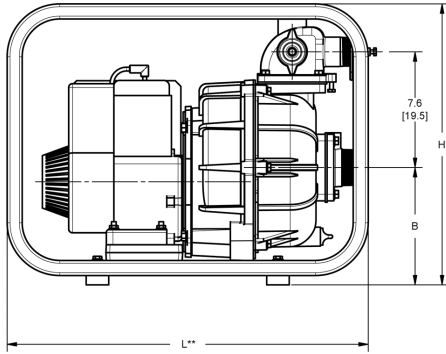
Construction: Aluminum

▲ Oil Alert Included
 ++ Electric Start

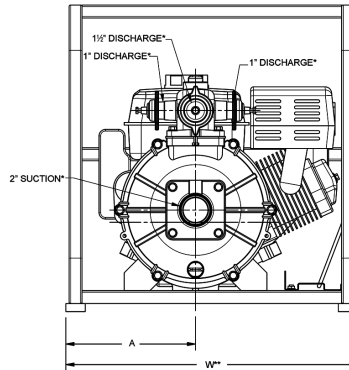
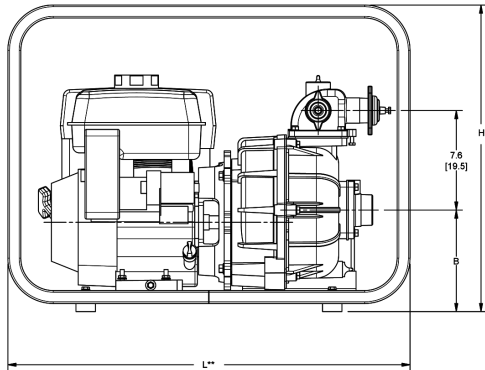
Standard Features

- Cast Aluminum Construction with Cast Iron Diffusers
- High Efficiency Two-Stage Precision Cast Aluminum Impellers
- 2" NPTM Cast Iron Suction Port
- **2MPX-90** - Optional 1-1/2" Suction Port Flange Kit Available
- Three-Way Cast Iron Discharge Port – includes (1) 1-1/2" NPTM & (2) 1" NPTM
- Viton[®] Mechanical Seal with Silicon Carbide/Carbon Faces
- EPDM/EPR O-rings & Gaskets
- Choice of Briggs & Stratton, Honda Gasoline or Hatz Diesel Engines
- Heavy Duty Steel Roll Frame Included
- Maximum Head up to 155 PSI
- Maximum Temperature 200° F
- Maximum Flow up to 160 GPM
- Optional High Pressure Hose or Wheel Kit Available, See Accessories Pages for More Information

Model 2MP5 Series:



Model 2MP7/9/13 Series:



- **Models 2MP9/2MP13 meet or exceeds US Coast Guard Fire Pump Performance Requirement** as specified by 46 CFR 27.301 (Jan 1, 2004 Revision)

Model	HP Class ♦	SUC*	DIS*	A	B	L**	W**	H
2MP5HR	5 HP	2	3-Way	8.2 [21.0]	7.7 [19.7]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP7ZR	7 HP	2	3-Way	8.2 [21.0]	11.6 [29.4]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP5AR	5 HP	2	3-Way	8.2 [21.0]	7.7 [19.7]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP9ZR	9 HP	2	3-Way	8.6 [22.0]	11.4 [29.2]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP9HR	9 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP13HR	13 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP13ZR	13 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]

(♦) HP Class represents market category and is not intended to define actual horsepower.

(*) Standard NPT (Male) pipe thread.

(**) This dimension may vary due to engine manufacturer's specifications.

NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/8".