SUBMITTAL DATA SHEET

Dewatering Pumps

Electric & DC Powered | Engine Driven

3” & 4” Engine | Trash Pump



Model 03S8HR
3” trash pump

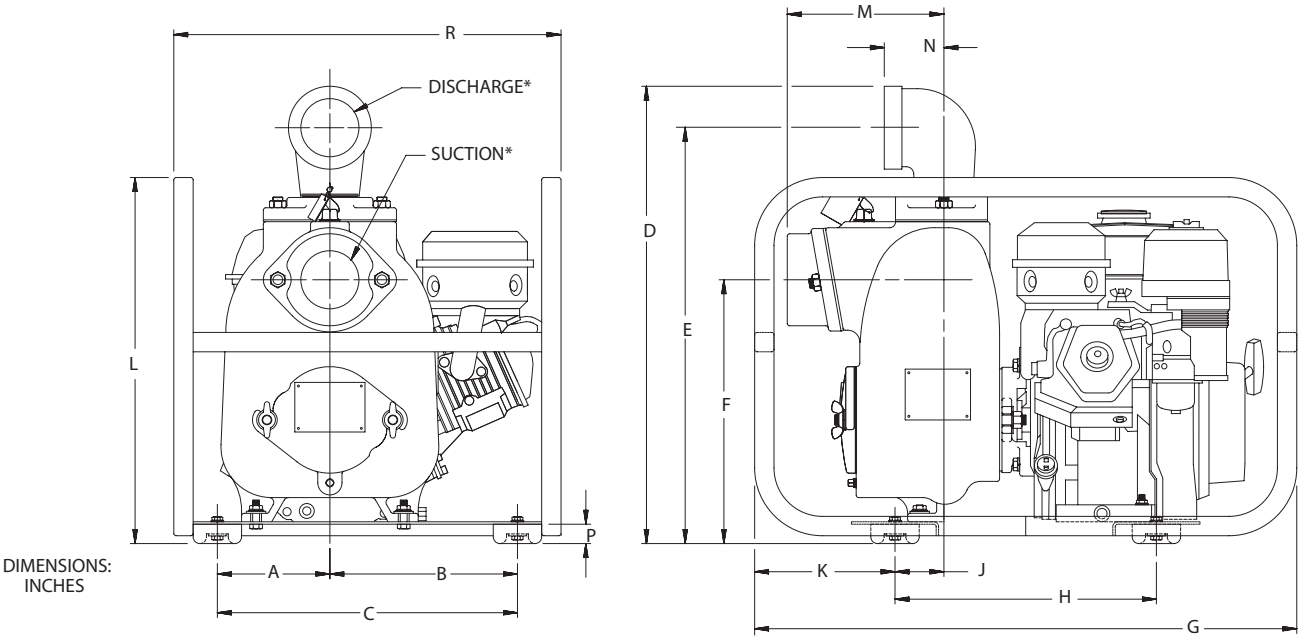
Model 04S13HR
4” trash pump

The A.Y. McDonald engine driven trash pumps are constructed of heavy duty sand cast aluminum components featuring replaceable ductile iron impellers and steel wearplates. Simple front cleanout design permits easy removal of trash and debris without disconnecting hoses.

Pumps are available with Honda gasoline engine. All are furnished with heavy-duty steel roll cages, suction strainers, and 90º degree discharge elbows.

Applications

Designed for applications which require high flow efficiency and solid handling capability. For use with non-flammable liquids which are compatible with pump component materials.



Dimensions

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	Suct*	Disch*
03S8HR	5.81	9.69	15.50	23.62	21.50	13.62	28.00	13.50	3.06	7.25	18.90	8.06	3.08	1.00	20.00	3.00	3.00

(*) Standard NPT pipe thread.

SUBMITTAL INFORMATION

- Cast aluminum construction
- Pump includes heavy duty steel roll cage
- 3” & 4” NPT port sizes
- Self-priming to 25’
- Engine options: Honda gasoline
- Available in 8 HP and 13 HP (includes heavy duty steel roll cages) engines
- Solids handling to 1 1/2” & 2 5/8” diameter
- Viton®/silicon carbide mechanical seals

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.

A.Y. McDonald Mfg. Co.
P.O. Box 508
Dubuque, IA 52004-0508

Toll Free: 1-800-292-2737
Fax: 1-800-832-9296
Hours: 7:00 a.m. - 5:00 p.m., CST

sales@aymcdonald.com
www.aymcdonald.com

A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

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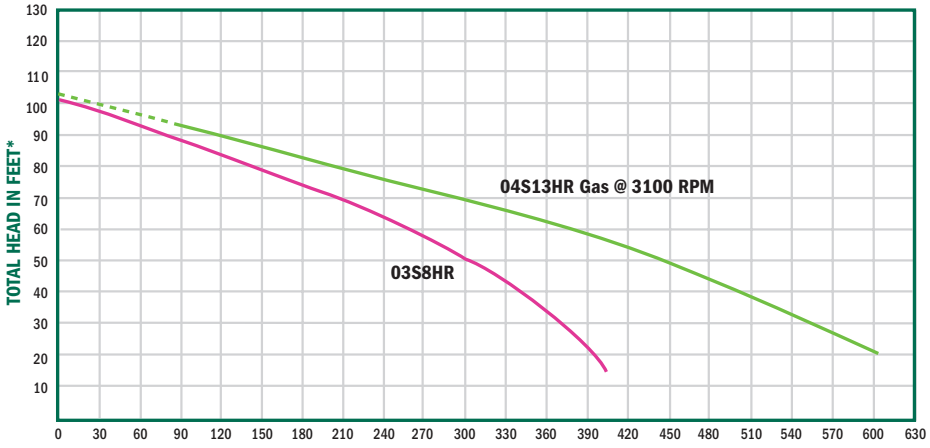
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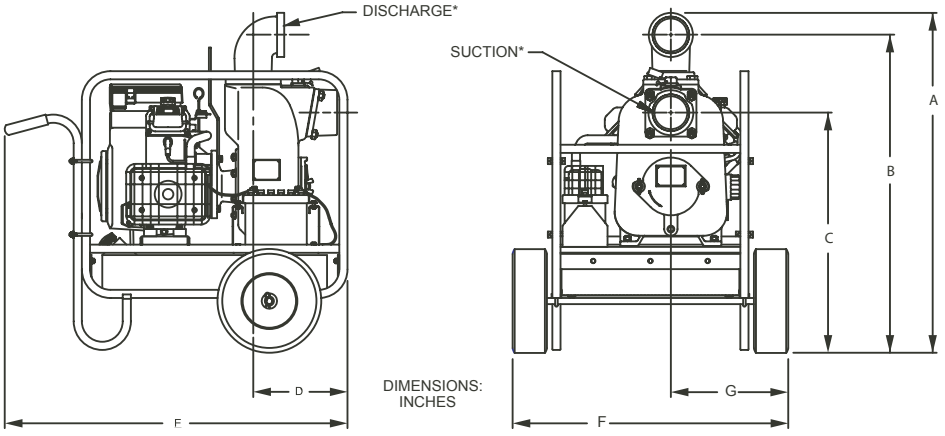
Model 03S8HR
3” trash pump

Model 04S13HR
4” trash pump



CAPACITY IN US GALLONS PER MINUTE

*CONVERT TO PSI, DIVIDE BY 2.31 | LIQUID WATER SPECIFIC GRAVITY 1.0



Model	A	B	C	D	E	F	G	Suct*	Disch*
04S13HR	29.66	26.96	17.44	12.50	36.50	22.50	13.76	4.00	4.00

(*) Standard NPT pipe threads.

Note:
04S13HR shown with optional wheel kit

3” & 4” Trash Pump

Model No.	Ship Wt (lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Shaft Seal	Tank Size (Qts.)	Run Time	Mounting
03S8HR	136	Honda 8	3" x 3"	Aluminum	Viton®*/Sic/Sic**	1.6 gal.	2.7 hrs.	Roll cage
04S13HR	262	Honda 13	4” x 4”	Aluminum	Viton®*/Sic**	6.9 gal.	1.2 hrs	Roll cage

*Viton® is a registered trademarks of DuPont. **SIC = Silicon Carbide

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

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EST. 1856 McDonald

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