



BY GORMAN-RUPP

# Engine Driven Portable Trash Pump

Die-Cast Aluminum or Cast Iron Self-Priming Engine Driven Pumps with B&S or Honda Gasoline or Yanmar Diesel Engine

- > Horsepower 4.7 to 5.5
- > Suction and Discharge Port Sizes: 2" and 3"
- > Die-Cast Aluminum or Cast Iron
- > Max. Flow: 180 to 300 GPM
- > Max. Head: 103 to 110 ft.
- > Max. Lift: 26 ft.
- > Max. Solids Handling: 2S5- 1"; 3S5- 1.25"
- > Silicon Carbide Seal
- > Easy Clean Out
- > EPDM O-Rings Standard; Optional Viton®
- > Optional Wheel Kit

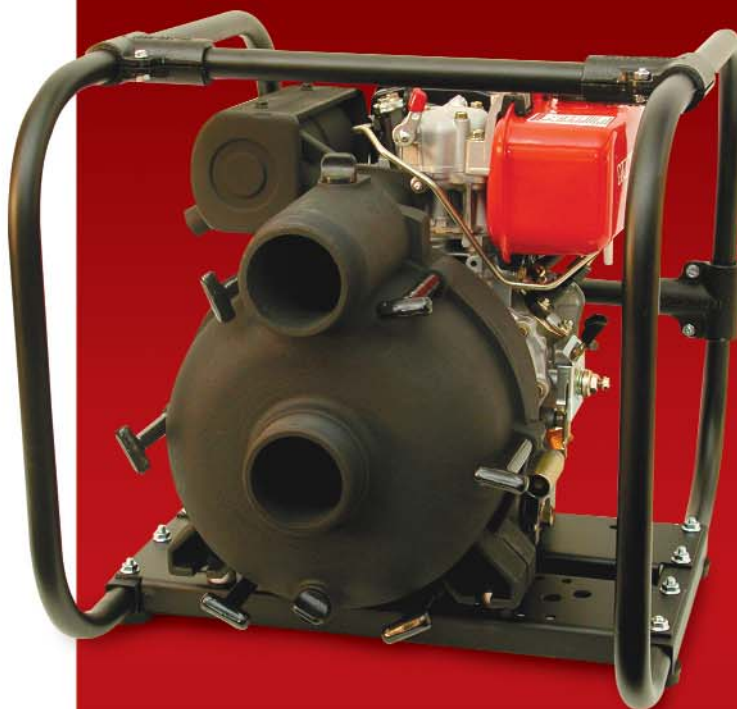


Model 255HR

High-volume self-priming centrifugal trash pumps come standard with a ductile iron impeller to resist abrasion and "T" handles for easy cleanout. All pumps feature stainless steel internal hardware, iron wearparts, built-in check valve, suction strainer and heavy duty steel frame. Standard with male NPT threads. Many IPT Trash Pumps are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

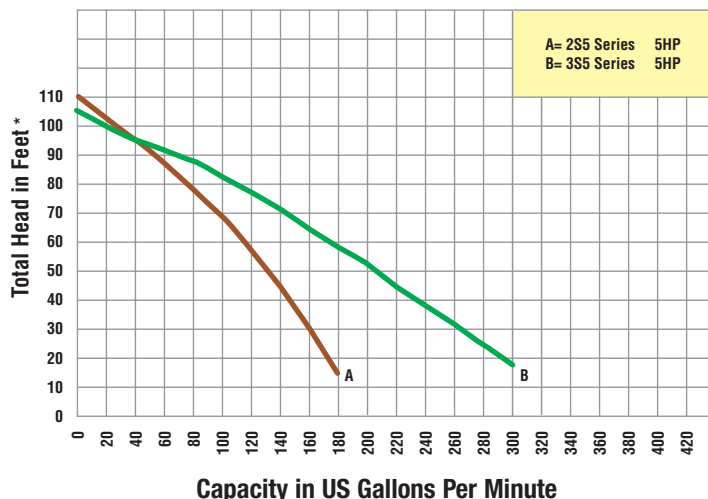
\*Viton® is a registered trademark of DuPont

## COMMERCIAL DUTY



Model 355YCR

Performance of Trash Pump



\*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

# Portable Trash Pump

## Standard Features

### 2" Trash Pumps (EPDM O-rings and Check Valve)

Alum. Model#	Ship Wt.	Curve	C. Iron Model#	Ship Wt.	Ports	Driver	Seal	Run Time	Tank size
2S5AR	83	A	2S5ACR	105	2" NPT	5.5HP B&S Intek OHV	VITON®*/SIC-SIC	100 min.	3 qt.
2S5HR	87	A	2S5HCR	109	2" NPT	5.5HP Honda OHV	VITON®*/SIC-SIC	100 min.	3.8 qt.
2S5YR	108	A	2S5YCR	130	2" NPT	4.7HP Yanmar Diesel	VITON®*/SIC-SIC	110 min.	2.6 qt.

Maximum Solids Handling Capability: 1" Diameter

### 3" Trash Pumps (EPDM O-rings and Check Valve)

Alum. Model#	Ship Wt.	Curve	C. Iron Model#	Ship Wt.	Ports	Driver	Seal	Run Time	Tank size
3S5AR	92	B	3S5ACR	114	3" NPT	5.5HP B&S Intek OHV	VITON®*/SIC-SIC	100 min.	3 qt.
3S5HR	96	B	3S5HCR	118	3" NPT	5.5HP Honda OHV	VITON®*/SIC-SIC	100 min.	3.8 qt.
3S5YR	117	B	3S5YCR	139	3" NPT	4.7HP Yanmar Diesel	VITON®*/SIC-SIC	110 min.	2.6 qt.

Maximum Solids Handling Capability: 1.25" Diameter

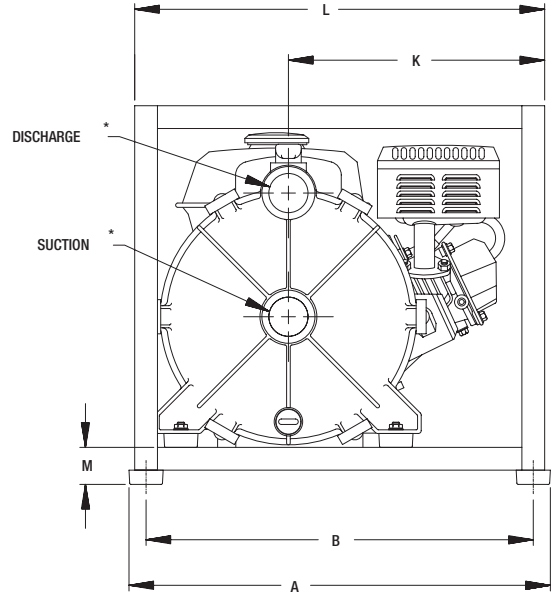
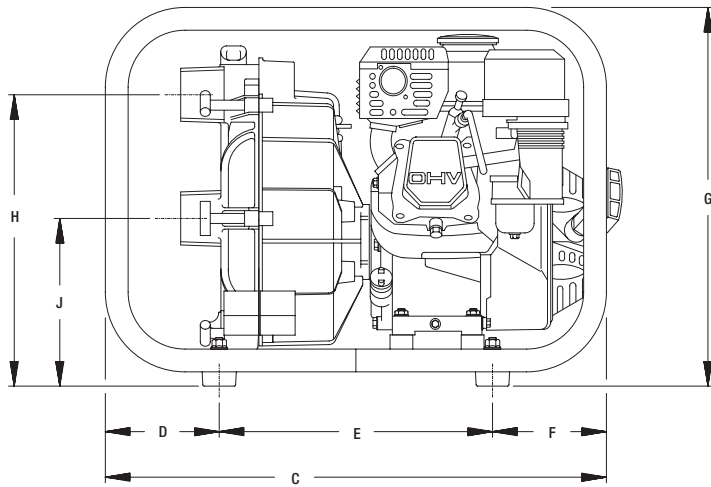
### 5/8 Threaded Kit (Single)

Alum. Model #	Alum. Ship Wt. (lbs.)	Cast Iron Model #	Cast Iron Ship Wt. (lbs.)	Seal Type & Elastomer /Faces	Mounting
2S5	36	2S5C	36	Viton®*/Sic/Sic	Handle
3S5	42	3S5C	42	Viton®*/Sic/Sic	Handle

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- > Ductile Iron Impeller
- > Quick Release Handles
- > Silicon Carbide, Self-Lubricated Seal with Graphite Impregnated Seat and Viton® Elastomers
- > Heavy Duty Steel Frame
- > Large Pump Casing
- > Built-In EPDM Check Valve
- > Horizontal Discharge and Male Threaded NPT Connections
- > Choice of Briggs & Stratton OHV and Honda Gas or Yanmar Diesel Engines
- > Optional Wheel Kit available
- > Strainer Included
- > Rubber Foot Mounting
- > Optional Viton®\* O-Ring / Check valve available

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



DIMENSIONS:  
INCHES  
[MILLIMETERS]

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	DISCH *	SUCT *
2S5	19.5 [495]	17.00 [431.8]	24.3 [617]	5.00 [127.0]	15.00 [381.0]	5.00 [127.0]	20 [508]	12.75 [323.8]	7.25 [184.2]	11.25 [285.8]	19 [482]	1.62 [41.1]	2.00	2.00
3S5	19.5 [495]	17.00 [431.8]	24.3 [617]	5.00 [127.0]	15.00 [381.0]	5.00 [127.0]	20 [508]	13.40 [340.4]	7.38 [187.4]	11.36 [288.5]	19 [482]	1.62 [41.1]	3.00	3.00

(\*) STANDARD NPT (MALE) PIPE THREAD

TRASH PUMPS  
02S5HR



See price book page 4

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

CP13-14 / 0904