

MQ
MULTIQUIP

MULTIQUIP

Trash Pumps



**Trash Pumps for the most
demanding applications**

Construction Starts Here

www.multiquip.com



Gasoline Powered Trash Pumps

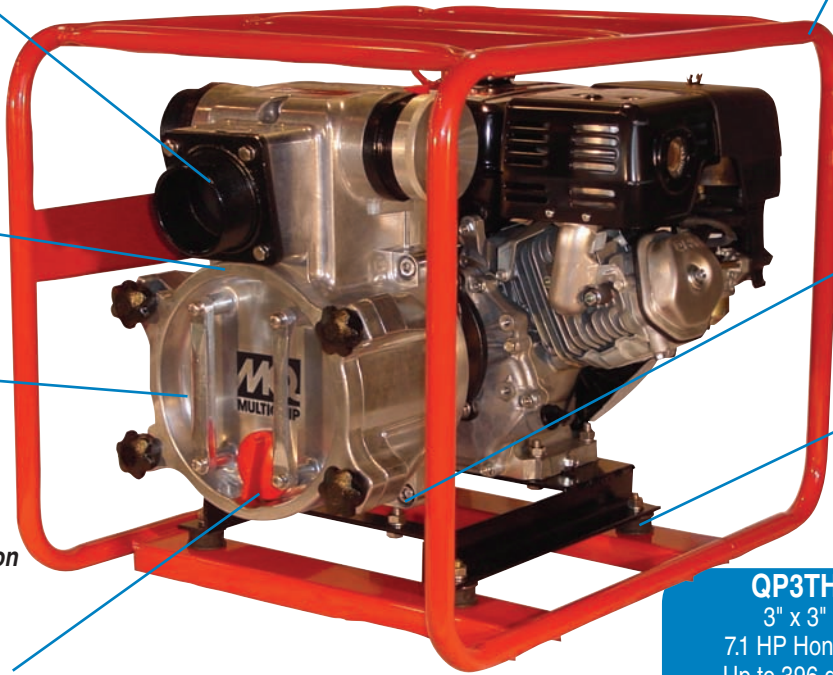
Cast iron suction and discharge nipples.
Durable and easily replaced if threads are damaged.

Die cast aluminum pump body for light weight and high strength.

Large cleanout cover.
Allows easy access without removing suction hoses.

Internal wear parts.
Volute and impeller are manufactured of cast iron for long life.

Plastic fill and drain plugs eliminate corrosion between plugs and casing.



Tubular steel frame simplifies handling, and protects pump and engine from damage.

Oil Alert. Robin and Honda engines automatically shut down if the oil level is insufficient.

Stainless steel hardware minimizes corrosion and potential disassembly problems.

Shock mounts isolate vibration and lengthen component life.

QP3TH
3" x 3"
7.1 HP Honda*
Up to 396 gpm
Max. 1½" solids

Hard working trash pumps for the toughest applications.

MultiQuip Trash Pumps are engineered to meet the requirements of professional contractors. Rugged and dependable, they are ideal for dewatering applications with high solid content. Sticks, stones and debris easily pass through the pump, minimizing downtime due to clogging.

Self-Priming Design

Simply fill the casing with water and you're pumping in seconds.

Double Volute

Our unique volute design insures quick, positive priming, minimal clogging, and optimum efficiency.

Impeller

An open type two vane impeller easily handles solids and debris. Its ductile iron construction provides longer life than other materials.



Mechanical Seals

Silicone/silicone seals are standard on all 2"-4" models. These abrasion resistant seals stand up to harsh jobsite environments.



Easy Cleanout

Our large cleanout cover can be removed in seconds by loosening two large hand knobs — no special tools are required. There's no need to remove suction hoses or pipes.

Solids

MultiQuip trash pumps will handle solids up to 3 inches in diameter.

Engine Options

Honda and Robin gasoline engines are available for most models to suit the needs and preferences of the operator. Engines feature cast iron sleeves, overhead valves, and more.

Strainers

Included with all models to prevent clogging. Prevents entry of solids larger than what the pump is capable of handling.



Wheel Kits

Optionally available wheel kits are easily installed — they simplify mobility on the job site.



QP2TH

2" x 2"
4.8 HP Honda*
Up to 211 gpm
Max. 1" solids



QP4TH

4" x 4"
9.5 HP Honda — Recoil start
Up to 555 gpm*
Max. 2" solids

*Optional wheel kits
simplify mobility on
the job site.*

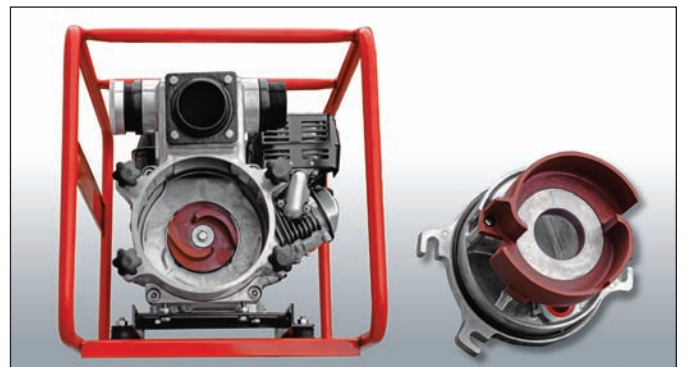


What You Should Know When Ordering a Pump

Your first concern is to pump water. Before making that telephone call to order your pump, there are a number of questions that need to be answered. The pump supplier wants to make certain that you get the pump you need. Knowing the answers to these questions will make their job easier and your ordering process much faster — and you'll know that you have the correct pump for your job.

- **What is your application?** Describe your pumping application, what is it that you need to do with the pump.
- **What is the liquid that you are pumping?** If it is water, then describe the condition of the water and if you are pumping any solids or sand. Is it hot water? If it is something other than water, be very specific about the liquid and its properties.
- **Are you looking for an approximate flow?** Gallons per minute or per hour.
- **What is the height from the surface of the water you are pumping from to the pump?**
- **What is the length and diameter of your discharge hose/pipe?**
- **Is there any vertical rise in the discharge hose?** If so, what is the vertical distance from the pump to where the water is discharging, or the highest point along the discharge hose.
- **Are you using rubber/PVC water hoses, steel pipe, or PVC pipe?**

There can be more questions but these few will give you a good start in getting the correct pump for your job.



Easy Cleanout

We've got the largest possible cleanout cover; only four hand knobs need to be turned to remove the cover. No special tools are required. No need to disconnect suction hoses or pipes.

Easy Maintenance

The volute has a replaceable stainless steel wear plate and is attached to the cleanout cover by two stainless steel screws, minimizing corrosion. The two-vane impeller can be easily removed from the engine shaft, exposing the seal for removal or inspection. Durability and simplicity set MQ Trash Pumps in a class by themselves.



Diesel Powered Trash Pumps

90° discharge elbow can be rotated based on job requirements.

Cast iron suction and discharge nipples. Durable and easily replaced if threads are damaged.

Volute and impeller are manufactured of cast iron for long life.

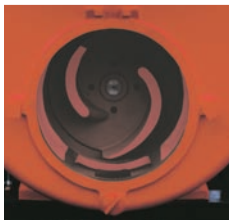
Automatic engine shutdown triggered by high oil temperature, low oil pressure, or V-belt breakage



MQ600TD80
6" x 6"
60 HP Deutz*
Up to 1,600 gpm
Max. 3" solids

Optional highway trailer for easy towing to and from the job.

Forklift pockets for easy handling as a skid mount on job sites



Cleanout Cover

Easily removed without any special tools.

Volute and Impeller

Wear resistant cast iron volute and impeller assure quick priming, minimal clogging, and optimum efficiency. Two-vane impeller easily handles up to 3" solids and debris.

Mechanical Seals

Abrasion resistant silicone/silicone seals are used on 2", 3" and 4" models. Oil lubricated tungsten/carbide seals are standard on 6" for positive lubrication and maximum seal life.

Engine Options

Choose from reliable, low maintenance Deutz and Subaru/Hatz engines. Electric start and low oil shutdown standard on 4" and 6" diesel models.

Fuel Economy

Diesel engines provide longer run times and reduce fuel expenses. Optional fuel cells available for 4" and 6" pumps.

Trailers

Optional highway trailers for 4" and 6" models simplify transportation to and from the jobsite. An optional wheel kit is available for the 2", 3" and 4" models.

Control Panel

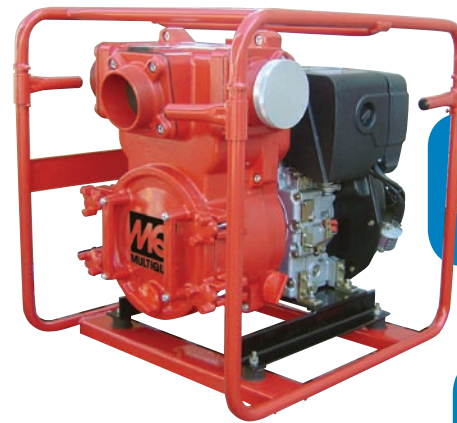
Model MQ600TD80 includes a shock-mounted, full-featured control panel mounted in a water-resistant housing.



High volume pumps for your most demanding jobs.



QP2TZ
2" x 2"
4.6 HP Hatz*
Up to 198 gpm
Max. 1" solids



QP4TZ
4" x 4"
9.9 HP Hatz*
Up to 526 gpm
Max. 2" solids



QP3TZ
3" x 3"
6.8 HP Hatz*
Up to 383 gpm
Max. 1½" solids

MQ62TDD
6" x 6"
29 HP Deutz*
Up to 1,083 gpm
Max. 2" solids
Unit shown on optional trailer



Trailers



The MQ600TD80 has a unique trailer attachment. The skid-mount base has pre-drilled holes and brackets where the trailer tongue and axle can be bolted onto the skid base. This provides for an economical and dependable trailer package. Since the 40 gallon fuel tank is already built into the skid base, no additional fuel hook-ups are required. Available with either a ball hitch (TRLR600B) or pintle ring (TRLR600P).



MultiQuip offers two different trailer options for the MQ62TDD pump skid package. The first option uses our TRLRMP Multi-purpose trailer with a 16 gallon fuel cell that normally comes with the skid-mount MQ62TDD. The second option uses the multi-purpose trailer with the trailer's 28 gallon fuel cell. Please specify when ordering whether a ball hitch or a pintle hitch is needed.

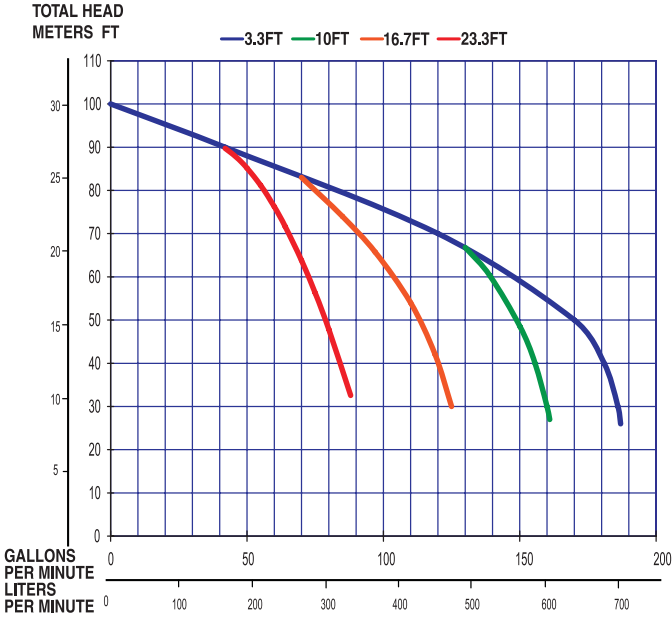
The new QP4TZ pump 4" diesel trash pumps can be equipped with the TRLR10P trailer (without separate fuel cell) for basic trailer application or with the 16 gallon and the 28 gallon Multi-Purpose trailer configurations (not shown).

Trailer Model	For Pump Model	Model w/ Pump and Trailer Mounted	Fuel Capacity gal (l)	Hitch Notes	Dimensions L x W x H in. (cm)	Dry Weight — Mounted lb (kg)
TRLR10P	QP4TZ	QP4TZT10P	1.3 (5)	Ball or Pintle (specify)	100 x 52 x 52 (254 x 132 x 132)	550 (250)
TRLRMP16FP	QP4TZ	QP4TZTMP16F	16 (60)	Ball or Pintle (specify)	109 x 56 x 60 (278 x 142 x 152)	665 (302)
TRLRMPXFP	QP4TZ	QP4TZTMPXF	28 (106)	Ball or Pintle (specify)	109 x 56 x 60 (278 x 142 x 152)	735 (334)
TRLRMP	MQ62TDD	MQ62TDDTMP16F	16 (60)	Ball or Pintle (specify)	109 x 56 x 60 (278 x 142 x 152)	1960 (889)
TRLRMPXFP	MQ62TDD	MQ62TDDTMPXF	28 (106)	Ball or Pintle (specify)	109 x 56 x 60 (278 x 142 x 152)	2030 (921)
TRLR600B	MQ600TD80	MQ600TD80-TLRB	40 (151)	Ball Hitch	124 x 64 x 67 (315 x 163 x 170)	2450 (1111)
TRLR600P	MQ600TD80	MQ600TD80-TLRP	40 (151)	Pintle Hitch	124 x 64 x 67 (315 x 163 x 170)	2450 (1111)

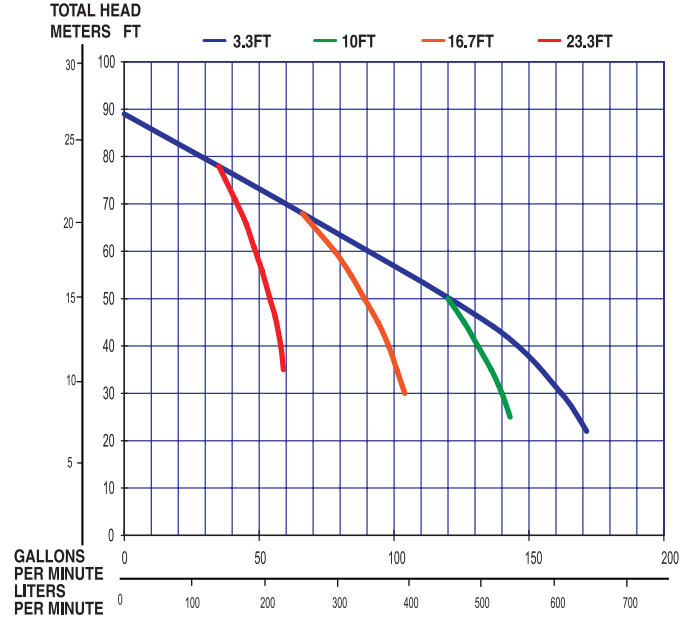


Pump Output Curves – 2" to 3" models

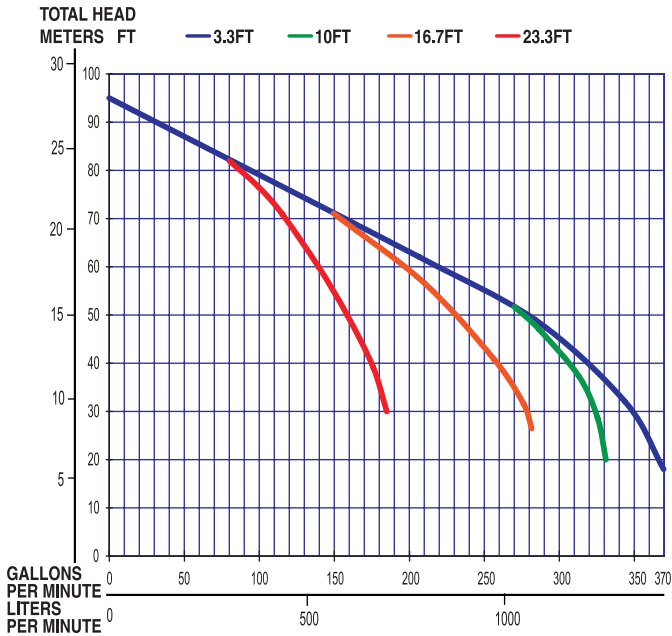
QP2TE and QP2TH



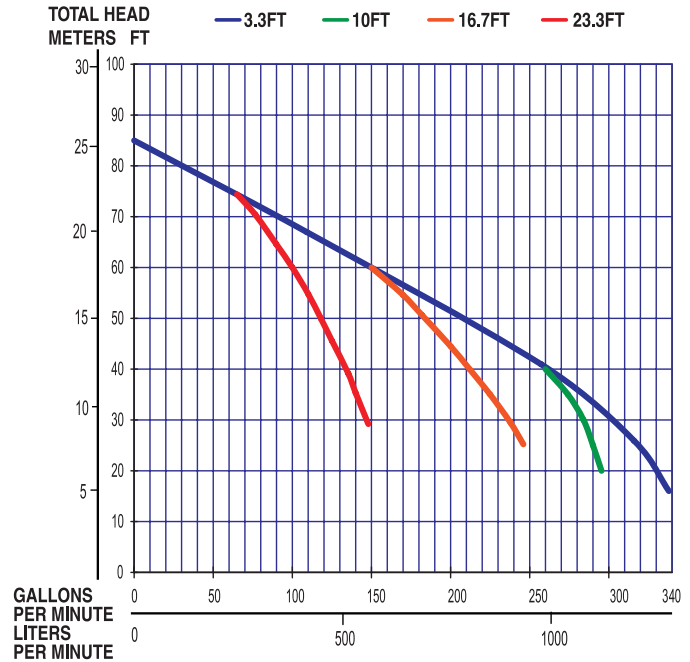
QP-2TZ



QP3TE and QP3TH



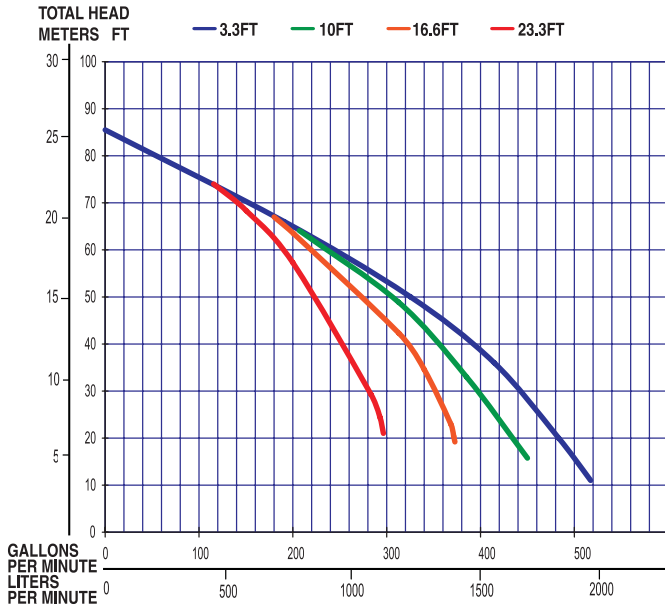
QP3TZ



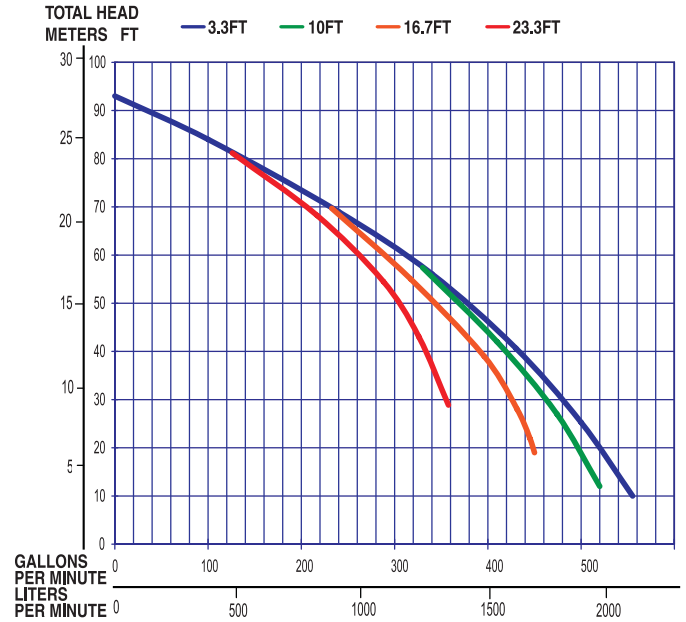


Pump Output Curves – 4" to 6" models

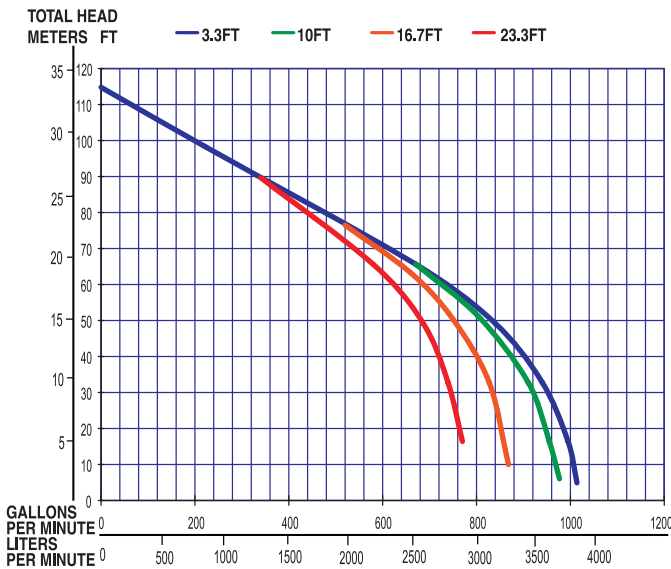
QP4TE and QP4TZ



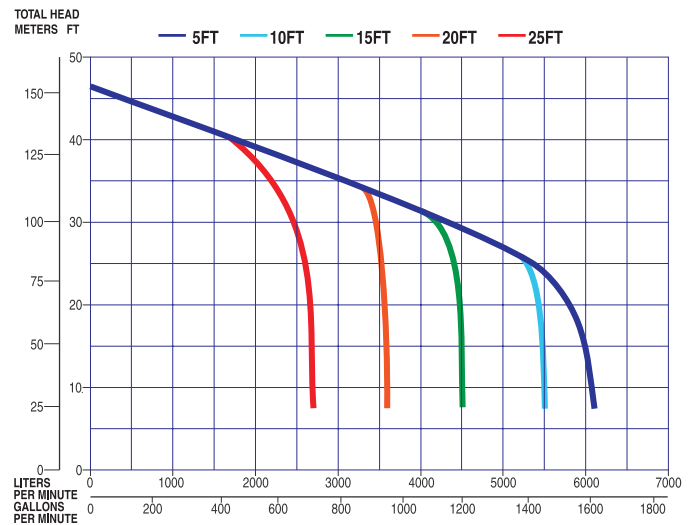
QP4TH



MQ62TDD



MQ600TD80



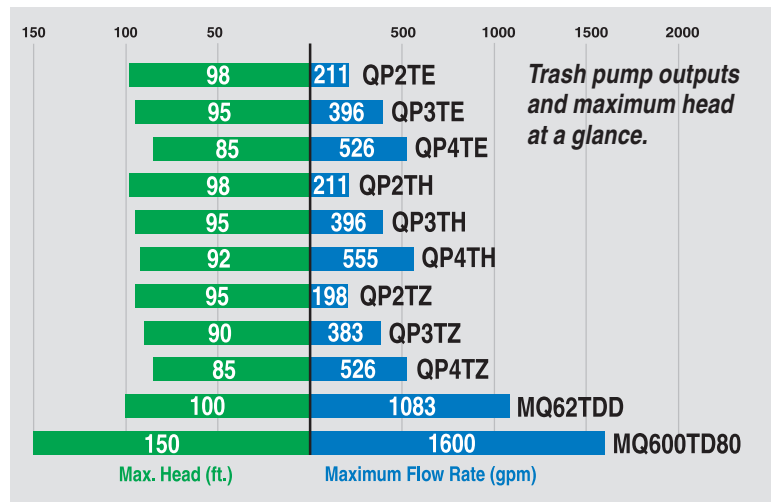
Trash Pump Specifications

Model	Suction x Discharge in. (mm)	Max. Capacity GPM (lpm)	Max. Lift ft. (m)	Max. Head ft. (m)	Max. Pressure psi (kPa)	Max. Solids in (mm)	Engine	HP (KW)*	Operating RPM	Oil Alarm	Fuel Capacity Qt. (l)	Fuel Consumption Rate gal/hr. (l/hr)	Starting Method	Wheel Kit (option)	Dimensions Skid Mounted LxWxH in (mm)	Dry Weight lb (kg)
ROBIN POWERED TRASH PUMPS																
QP2TE	2x2 (51x51)	211 (800)	25 (7.6)	98 (30)	42.4 (292)	1 (25)	Robin EX-170D	5.7 (4.3)	3,600	Standard	3.9 (3.6)	0.53 (2.0)	Recoil	UWK	26.8x18.3x20.3 (690x470x520)	97 (44)
QP3TE	3x3 (76x76)	396 (1500)	25 (7.6)	95 (29)	41.1 (283)	1.5 (37)	Robin EX-270D	9.0 (6.7)	3,600	Standard	3.9 (3.6)	0.53 (2.0)	Recoil	UWK	28.7x21.7x23.0 (730x695x780)	135 (61)
QP4TE	4x4 (101x101)	526 (2000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	Robin EX-270D	9.0 (6.7)	3,600	Standard	6.4 (6.1)	0.53 (2.0)	Recoil	UWK4	21.2x25.1x28.2 (715x640x715)	186 (84)
HONDA POWERED TRASH PUMPS																
QP2TH	2x2 (51x51)	211 (800)	25 (7.6)	98 (30)	42.4 (292)	1 (25)	Honda GX-160	4.8 (3.6)	3,600	Standard	3.9 (3.6)	0.46 (1.7)	Recoil	UWK	26.9x18.3x20.3 (690x470x520)	96 (44)
QP3TH	3x3 (76x76)	396 (1500)	25 (7.6)	95 (29)	41.1 (283)	1.5 (38)	Honda GX-240	7.1 (5.3)	3,600	Standard	6.3 (6)	0.67 (2.5)	Recoil	UWK	28.7x21.7x23.0 (730x550x590)	163 (74)
QP4TH	4x4 (101x101)	555 (2100)	25 (7.6)	92 (28)	40.0 (275)	2 (51)	Honda GX-340	9.5 (7.1)	3,600	Standard	6.8 (6.5)	0.92 (3.5)	Recoil	UWK4	21.2x25.1x28.2 (715x640x715)	216 (98)
DIESEL POWERED TRASH PUMPS																
QP2TZ	2x2 (51x51)	198 (750)	25 (7.6)	95 (29)	41.1 (283)	1 (25)	Subaru/Hatz 1B20	4.6 (3.4)	3,600	N/A	3.2 (3)	0.31 (1.2)	Recoil	UWK	26.5x18.3x23.2 (680x470x590)	131 (60)
QP3TZ	3x3 (76x76)	383 (1450)	25 (7.6)	90 (27)	38.9 (268)	1.5 (38)	Subaru/Hatz 1B30	6.8 (5.1)	3,600	N/A	5.2 (5)	0.46 (1.76)	Recoil	UWK	27.8x20.0x25.0 (710x510x640)	163 (74)
QP4TZ	4x4 (100x100)	526 (2000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	Subaru/Hatz 1B40	9.9 (7.4)	3,600	N/A	5.2 (5)	0.67 (2.5)	Electric/Recoil	UWK4	21.2x25.1x28.2 (715x640x715)	265 (120)
MQ62TDD	6x6 (152x152)	1,083 (4100)	25 (7.6)	100 (31)	43.3 (298)	2 (51)	Deutz F2L2011	29 (21.8)	2,800	Standard	16 gal. (60)	2.2 (8.4)	Electric‡	Skid Mounted	56x36x56 (1420x910x1420)	1560 (707)
MQ600TD80	6x6 (152x152)	1,600 (6055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	Deutz F4L914	60 (44.8)	1,900	Standard	40 gal. (151)	3.38 (12.8)	Electric‡	Skid Mounted	80x39x49 (2030x990x1240)	2200 (1111)

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* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

‡ Batteries are not included with electric start pumps.



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All features and specifications are subject to change without notice.
 MQPUMPTRASH-636 Rev. K (01-10)