

TRASH PUMPS



**Trash Pumps for Tough
Construction, Municipal and
Industrial applications**



Trust your toughest jobs to Multiquip's Trash Pumps - Our pumps are engineered to meet the requirements of professional contractors for dewatering jobs with high solid content. Rugged and dependable, they are manufactured using top quality materials and exceptional internal design.

QP2TH



2" Suction/Discharge
211 GPM Flow
98' Head
Moves up to 1" solids
HONDA GX160, 4.8HP

QP3TH



3" Suction/Discharge
396 GPM Flow
95' Head
Moves up to 1.5" solids
HONDA GX240, 7.9HP

QP4TH



4" Suction/Discharge
555 GPM Flow
92' Head
Moves up to 2" solids
HONDA GX340, 10.7HP

POWER

HONDA gasoline engine with automatic oil alert low oil shutdown. Meets all EPA/CARB requirements

INDUSTRIAL GRADE PUMP BODY

Lightweight, precision tolerances, designed to withstand high pressure demands

DISCHARGE MANIFOLD

Convenient left and right ports for flexible hose positioning

VOLUTE

Easily removable, double passage design to ensure fast priming, minimize clogging, and improve efficiency

IMPELLER

Balanced, multi-vane, open design made of cast (#45) ductile iron for abrasion resistance and long life

MECHANICAL SEAL ASSEMBLY

Silicon/tungsten carbon to meet high tolerance and abrasion resistance
Seal sleeve and pump shaft made of (#303) stainless steel



Optional Wheel Kit available
(UWKB for 2" and 3" - UWK4 for 4")

If you prefer diesel power for your trash pumps, our diesel options provide EASY maintenance and EASY clean out cover design. The models include a durable two-vane impeller that can be easily removed from the engine shaft, exposing the seal for inspection replacement.

DIESEL POWERED

QP2TZ



2" Suction/Discharge
198 GPM Flow
95' Head
Moves up to 1" solids
HATZ 1B20, 4.6 HP

QP3TZ



3" Suction/Discharge
383 GPM Flow
90' Head
Moves up to 1.5" solids
HATZ 1B30, 6.8HP

QP4TZ



4" Suction/Discharge
526 GPM Flow
85' Head
Moves up to 2" solids
HATZ 1B40, 9.9HP

POWER

Trusted HATZ 4-stroke, direct injection diesel engine. Meets all EPA/CARB requirements

INDUSTRIAL GRADE PUMP BODY

Lightweight, precision tolerances, designed to withstand high pressure demands

DISCHARGE MANIFOLD

Convenient left and right ports for flexible hose positioning

VOLUTE

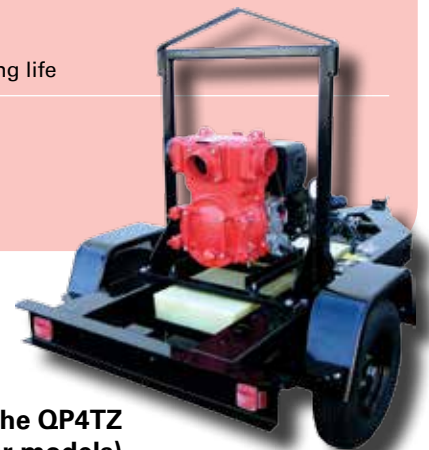
Easily removable, double passage design to ensure fast priming, minimize clogging, and improve efficiency

IMPELLER

Balanced, open, multi-vane made of cast (#45) ductile iron for abrasion resistance and long life

MECHANICAL SEAL ASSEMBLY

Silicon/tungsten carbon to meet high tolerance and abrasion resistance
Seal sleeve and pump shaft made of (#303) stainless steel



Optional trailer mounting for the QP4TZ
(see back page for models)

The **MQ62TDD** pump is a powerful wet prime (self-priming) 6" trash pump capable of providing impressive flow and head performance in a compact design. The trusted MQ pump end and efficient diesel engine combine to ensure lasting performance and minimal service requirements.



MQ62TDD shown with 16 gal fuel tank



MQ62TDDMPXF shown with trailer and 28 gal fuel tank

PERFORMANCE

- 6" Suction/Discharge
- 1,083 GPM / 100' HEAD
- 43.3 psi
- Passes up to 2" solids

PUMP CASING

Abrasion and pressure resistant grey cast iron Number 30 (30,000 psi tensile strength)

SUCTION/DISCHARGE PORT

Cast iron, female 6" NPT thread w/ multi-directional 90° orientation

VOLUTE

Easily removable cast iron with dual passage design to ensure fast priming, minimal clogging, and enhanced flow efficiency

IMPELLER

Multi-vane open type that is dynamically and statically balanced capable of passing 2" spherical solids. Made of cast (#45) ductile iron to ensure a high level of abrasion resistance

MECHANICAL SEAL

Self-aligning; made of tough silicon carbon for operational long operational service. Oil-lubricated with stainless steel components, easy service port w/ sight gauge

PUMP MOUNTING

Models are available on skid with 16 gallon fuel tank or DOT certified trailers with 16 or 28 gallon fuel tanks. A lifting bail is standard.



THE **MQ62TDD** features a LOFA solid state control box. The weather resistant enclosure is made from a heavy duty anodized aluminum and provides a bright LED diagnostic display and hour meter.



The **MQ600TD80** pump is a high performance wet prime (self-priming) 6" trash pump capable of moving 96,000 GPH flow. Its pump end engineering, diesel power plant, and selected material design provides trusted output and long service life. The pump comes mounted on a rugged skid, or optional DOT certified mobile trailer.



MQ600TD80 shown with 40 gal fuel tank



MQ600TD80-TLRB shown with trailer and 40 gal fuel tank

PERFORMANCE

- 6" Suction/Discharge
- 1,600 GPM / 150' HEAD
- 64.9 psi
- Passes up to 3" solids

PUMP CASING

Abrasion and pressure resistant grey cast iron Number 30 (30,000 psi tensile strength)

SUCTION/DISCHARGE PORT

Cast iron, female 6" NPT thread w/ multi-directional 90° orientation

VOLUTE

Easily removable cast iron with dual passage design to ensure fast priming, minimal clogging, and enhanced flow efficiency

IMPELLER

Multi-vane open type that is dynamically and statically balanced capable of passing 3" spherical solids. Made of cast (#45) ductile iron to ensure a high level of abrasion resistance

MECHANICAL SEAL

Self-aligning; made of tough silicon carbon for long service life. Oil-lubricated with stainless steel components, easy service port w/ sight gauge

PUMP MOUNTING

Models are available on rugged skid or DOT certified trailers with 40 gallon fuel tank. A lifting bail is standard.

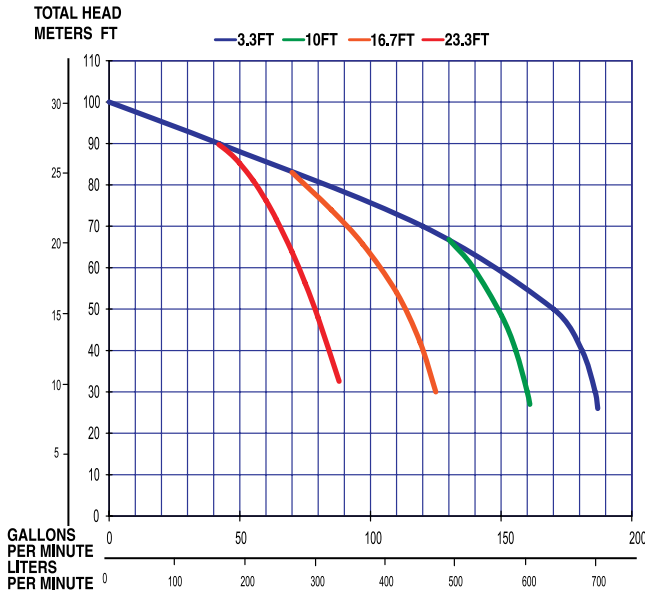


The **MQ600TD80** features a LOFA solid state control box. Weather resistant enclosure features oil pressure, tachometer, ammeter and temperature gauges. LED diagnostic panel and shutdowns for low oil pressure and high engine temperature are standard.

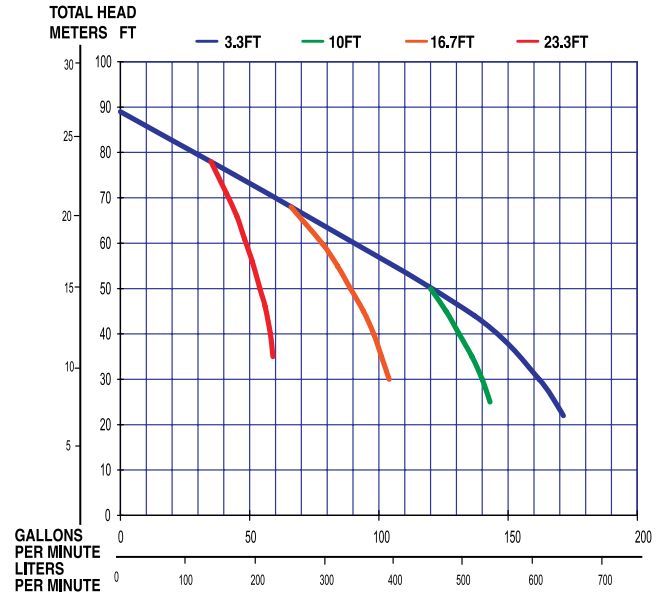


PERFORMANCE CURVES - 2" - 3" MODELS

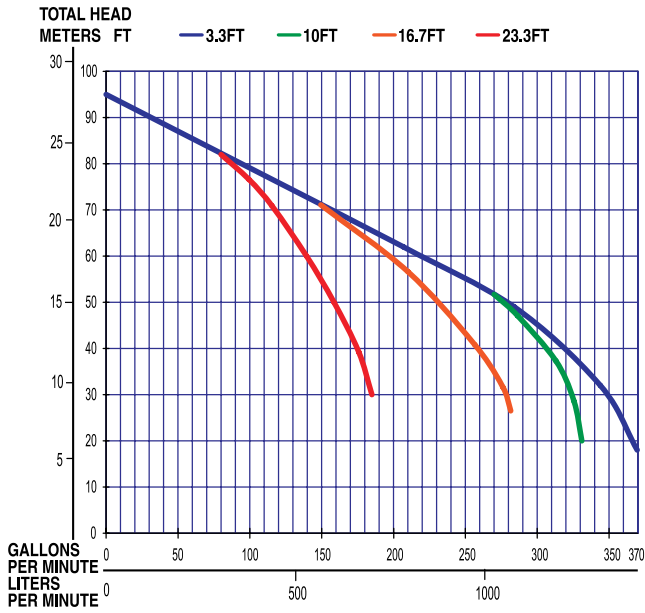
QP2TH



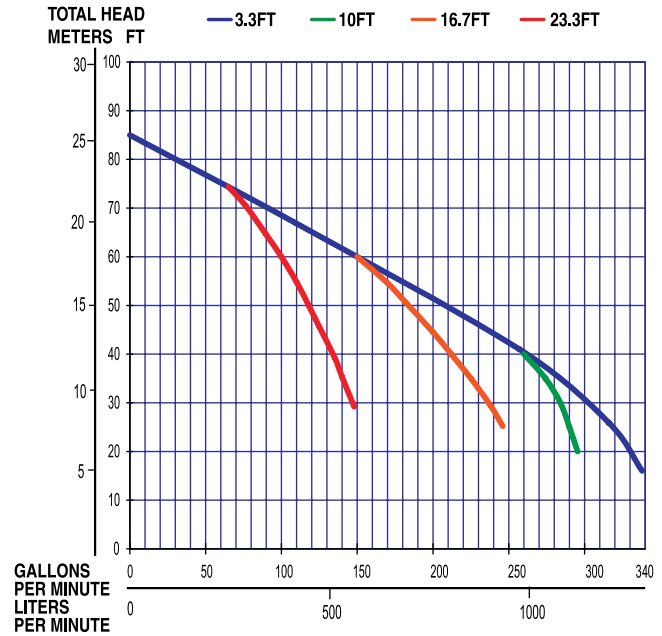
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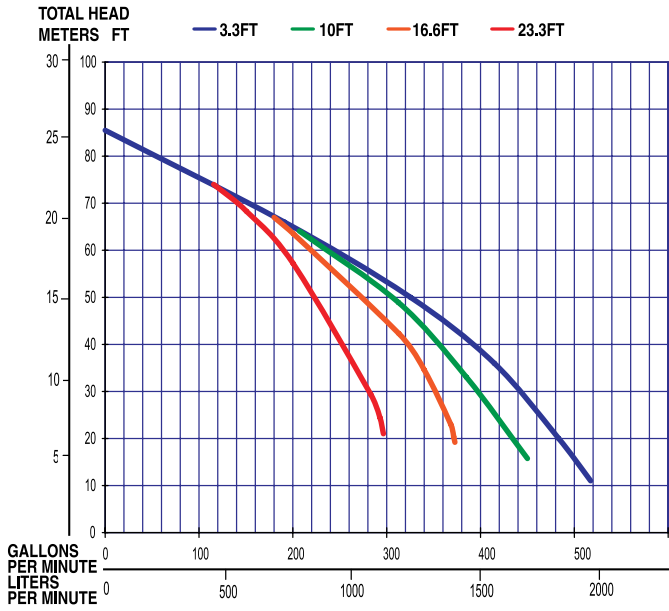
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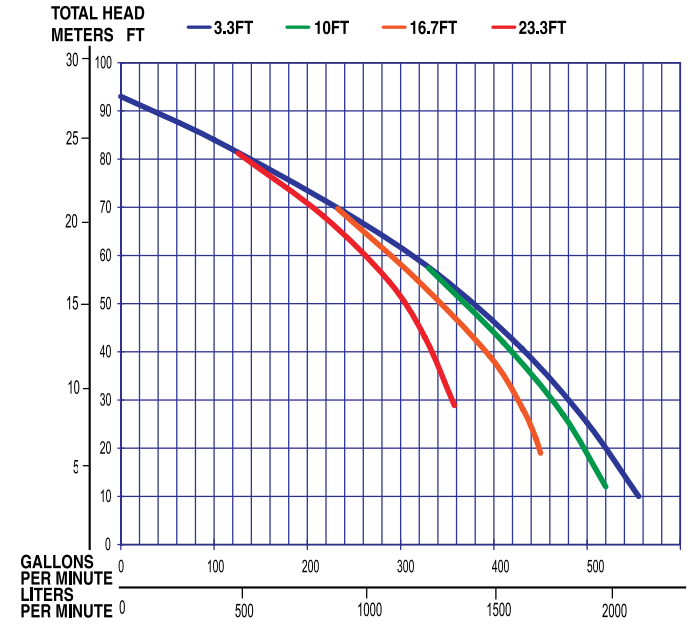
QP3TZ



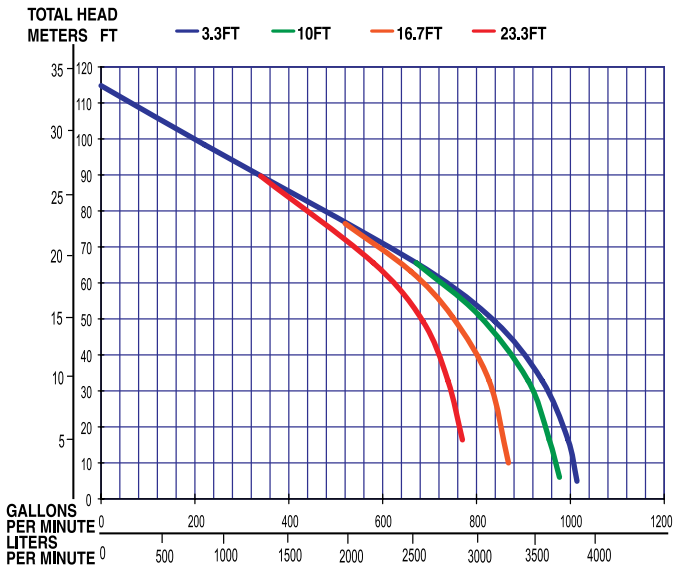
QP4TZ



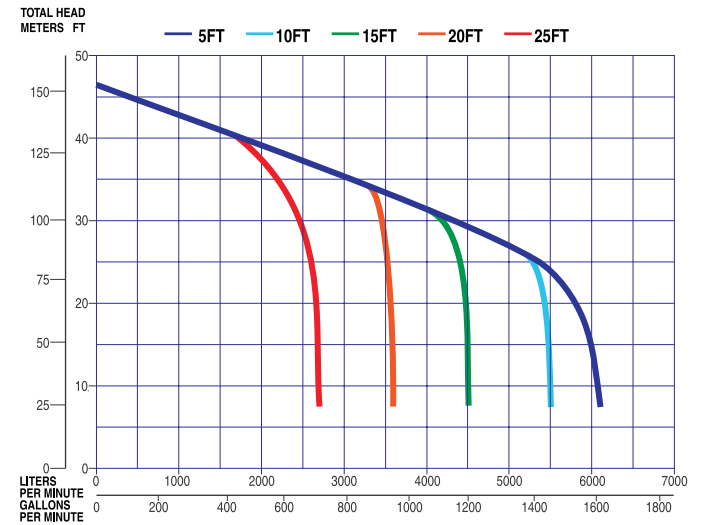
QP4TH



MQ62TDD



MQ600TD80



PERFORMANCE CURVES - 4" - 6" MODELS



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	Fuel Rate gal/hr	Start method	Wheel Kit (option)	Dimensions inch/(mm)	Dry Wt lbs. / (kg)
GASOLINE POWERED TRASH PUMPS																
QP2TH	2X2 (51X51)	211 (750)	25 (7.6)	98 (29)	42.4 (283)	1 (25)	HONDA GX160	4.8 (3.4)	3,600	std.	0.83 (3.1)	.46	Recoil	UWKB	27 x 18.3 x 20.3 (690 x 470 x 520)	96 (44)
QP3TH	3 x 3 (76 x 76)	396 (1,500)	25 (7.6)	95 (29)	41.1 (283)	1.5 (38)	HONDA GX240	7.9 (5.9)	3,600	std.	1.4 (5.3)	.67	Recoil	UWKB	29 x 21.7 x 23 (730 x 550 x 590)	163 (74)
QP4TH	4 x 4 (101 x 101)	555 (2,100)	25 (7.6)	90 (27)	40 (275)	2 (51)	HONDA GX340	10.7 (8.0)	3,600	std.	1.6 (5.3)	.92	Recoil	UWK4	29 x 25 x 28 (730 x 640 x 715)	216 (98)
DIESEL POWERED TRASH PUMPS																
QP2TZ	2 x 2 (51 x 51)	198 (750)	25 (7.6)	85 (26)	41.1 (283)	1 (25)	HATZ 1B20	4.6 (3.4)	3,600	n/a	0.8 (3)	.33	Recoil	UWKB	26.5 x 18.3 x 23.2 (680 x 470 x 590)	131 (60)
QP3TZ	3 x 3 (76 x 76)	383 (1,450)	25 (7.6)	85 (26)	38.9 (268)	1.5 (38)	HATZ 1B30	6.8 (5.1)	3,600	n/a	1.3 (5)	.48	Recoil	UWKB	27.8 x 20 x 25 (710 x 510 x 640)	142 (64)
QP4TZ	4 x 4 (100 x 100)	526 (2,000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	HATZ 1B40	9.9 (7.4)	3,600	n/a	1.3 (5)	.7	Elec./Recoil	UWK4	28.2 x 25 x 28.2 (715 x 640 x 715)	265 (120)
QP4TZT10P	4 x 4 (100 x 100)	526 (2,000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	HATZ 1B40	9.9 (7.4)	3,600	n/a	1.3 (5)	.7	Elec./Recoil	Trailer mount	56 x 36 x 56 (1,420 x 910 x 1,420)	615 (277)
QP4TZTMP16F	4 x 4 (100 x 100)	526 (2,000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	HATZ 1B40	9.9 (7.4)	3,600	n/a	16 (60)	.7	Elec./Recoil	Trailer mount	109 x 56 x 60 (2,769 x 1,422 x 1,522)	665 (302)
QP4TZTMPXF	4 x 4 (100 x 100)	526 (2,000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	HATZ 1B40	9.9 (7.4)	3,600	n/a	28 (106)	.7	Elec./Recoil	Trailer mount	109 x 56 x 60 (2,769 x 1,422 x 1,522)	735 (334)
MQ62TDD	6 x 6 (152 x 152)	1,083 (4,100)	25 (7.6)	100 (31)	43.3 (298)	2 (51)	DEUTZ D2011L04i	29 (21.8)	2,800	std.	16 (60)	2.2	Electric	Skid	80 x 39 x 49 (2,030 x 990 x 1,240)	1,560 (707)
MQ62TDDT-MP16F	6 x 6 (152 x 152)	1,083 (4,100)	25 (7.6)	100 (31)	43.3 (298)	2 (51)	DEUTZ D2011L04i	29 (21.8)	2,800	std.	16 (60)	2.2	Electric	Trailer - 2" Ball	109 x 56 x 60 (2,769 x 1,422 x 1,522)	1,960 (889)
MQ62TDDT-MPXF	6 x 6 (152 x 152)	1,083 (4,100)	25 (7.6)	100 (31)	43.3 (298)	2 (51)	DEUTZ D2011L04i	29 (21.8)	2,800	std.	28 (106)	2.2	Electric	Trailer - 2" Ball	109 x 56 x 60 (2,769 x 1,422 x 1,522)	2,030 (921)
MQ600TD80	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	DEUTZ D914	60 (44.8)	2,000	std.	40 (151)	3.8	Electric	Skid	80 x 39 x 49 (2,769 x 1,422 x 1,522)	2,200 (998)
MQ600TD80-TLRB	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	DEUTZ D914	60 (44.8)	2,000	std.	40 (151)	3.8	Electric	Trailer - 2" Ball	124 x 64 x 67 (3,150 x 1,630 x 1,700)	3,060 (1,388)
MQ600TD80-TLRP	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	DEUTZ D914	60 (44.8)	2,000	std.	40 (151)	3.8	Electric	Trailer - 3" Ball	124 x 64 x 67 (3,150 x 1,630 x 1,700)	3,060 (1,388)

Note: Batteries are not included with electric start pumps

ACCESSORIES

	MODEL	DESCRIPTION
Suction Hoses	HS and HSQ series	2", 3", 4", and 6" diameter rigid PVC helix reinforced hose - NPT Thread and Cam/Groove Coupler
Discharge Hoses	HD and HDQ Series	2", 3", 4" and 6" diameter lay-flat synthetic PVC reinforced hose - NPT Thread and Cam/Groove Coupler
Wheel Kits	UWK Series	Wheel kits for pipe-frame pumps. 8" foam-filled tires, retractable handle, and necessary hardware for easy installation
Q/D Couplers	A200A, A300A, A400A & A600A	2", 3", 4" and 6" high quality Cam/Groove aluminium fittings that thread onto male NPT pump ports for quick-disconnect hose operations
Vacuum Testing Kit	7100031	Pump vacuum test gauge that easily affixes to 2", 3", 4" and 6" port to check pump casing pressure integrity

* 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.

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