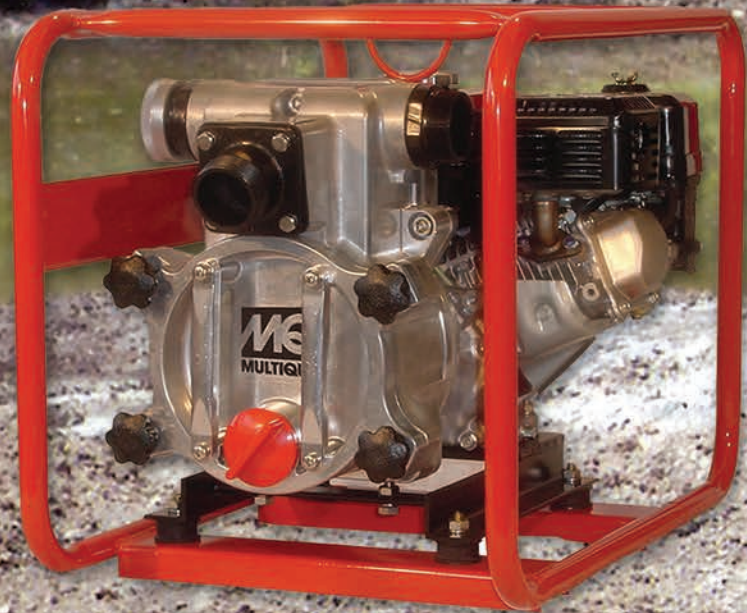


TRASH PUMPS



**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")**

The QP3Ti is a revolutionary idea in compact trash pump design. It is the first gasoline-powered, centrifugal pump to provide unattended operation, manual flow control, and automatic shutdown if prime is unavailable. Supported by Multiquip's proven QP3T pump end, this unique pump supports a range of dewatering jobs including: excavations, flooding, manholes, sewage bypass, barge cleaning, foundations and water transfer.

## QP3Ti



**396 GPM Flow**  
**95 Feet Head**  
**3" Suction**  
**3" Discharge**

- **Float switch controls** adapt to either drain (pump down ) or fill (pump up) applications using float sensors and pump in *Auto/Standby* mode.
- **Adjustable flow control** enables operator to dial in preferred flow rate (high, medium or low) with pump in *Manual* mode.
- **Faster priming times** are attained by an ECU that sets higher engine RPM at start up and automatically reduces engine RPM within 15 seconds of pump being primed.
- **Dependable Honda iGX270 engine** is equipped with low oil alert, electric start, electronic governor and unique automatic choke design for easy starting.
- **Fuel efficient design** shuts off engine automatically if pump fails to prime within 5 minutes, or if the prime is lost; prevents no-load operation and wear to critical components.
- **High quality pump end** utilizes a high strength, aluminum die-cast housing and wear resistant cast iron impeller and volute designs.

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.

### **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**

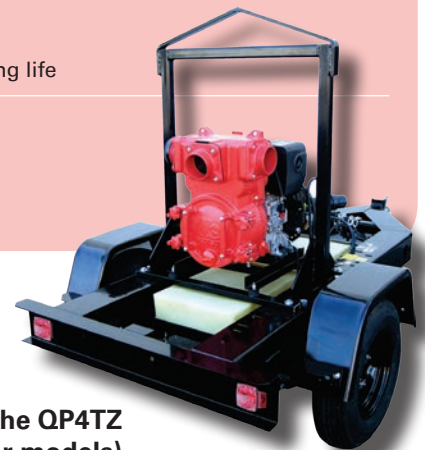
Easily removable, double passage design to ensure fast priming, minimize clogging, and improve efficiency

#### **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 **MQ600H Series** 6" wet priming de-watering trash pump provides the proven performance you have come to expect from Multiquip. The pump is now outfitted with a compact, powerful, and efficient HATZ 4H50 4-cylinder, turbo charged, water cooled diesel Tier IV (Final) engine. At 2,000 RPM - the pump is designed to provide 1,600 GPM Flow and 150' of Head.

**ISO 9001:2008 Certified - 518524**

# The MQ600H Series



**Model MQ600HTB shown**

### 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 tanks. A lifting bail is standard.



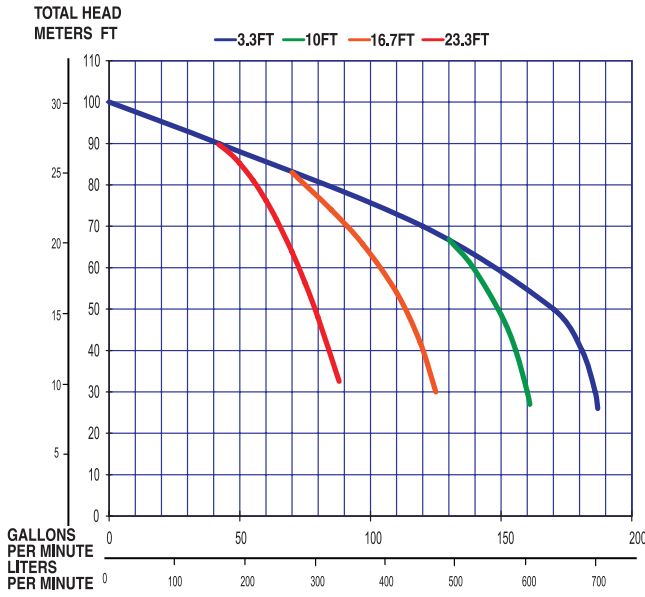
**HATZ 4H50 engine supported by the LOFA™ 620 Control Box**

- HATZ model 4H50TIC 4-cylinder, turbocharged, liquid cooled, 74 horsepower diesel engine.
- Tier IV FINAL engine utilizes a simple Diesel Oxidation Catalyst (DOC) to control engine emissions.
- Supported by a BOSCH™ common rail fuel injection system, high pressure fuel pump and triple fuel filtration system.
- Fuel consumption of 1.76 GPM at 2,000 RPM.
- Operating Sound 89 dBA at 23'.
- Engine maintenance interval of 500 Hours.
- HATZ Engine Warranty - 5-Year / 3,000 HRS (whichever occurs first).

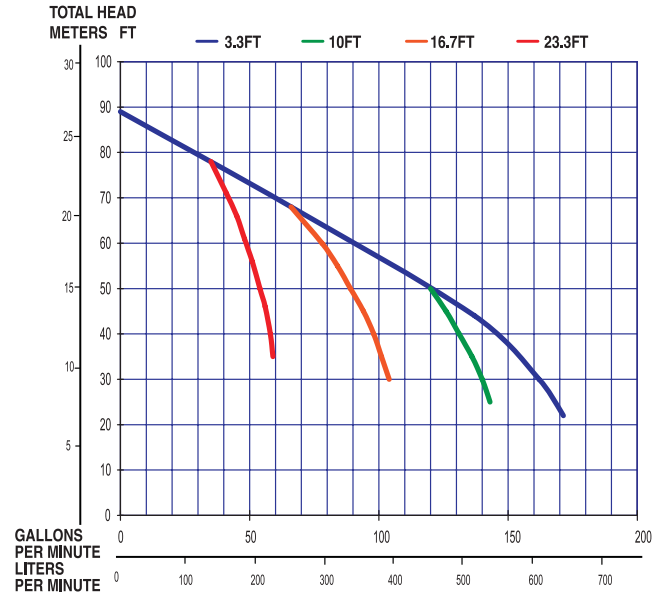


# PERFORMANCE CURVES - 2" - 3" MODELS

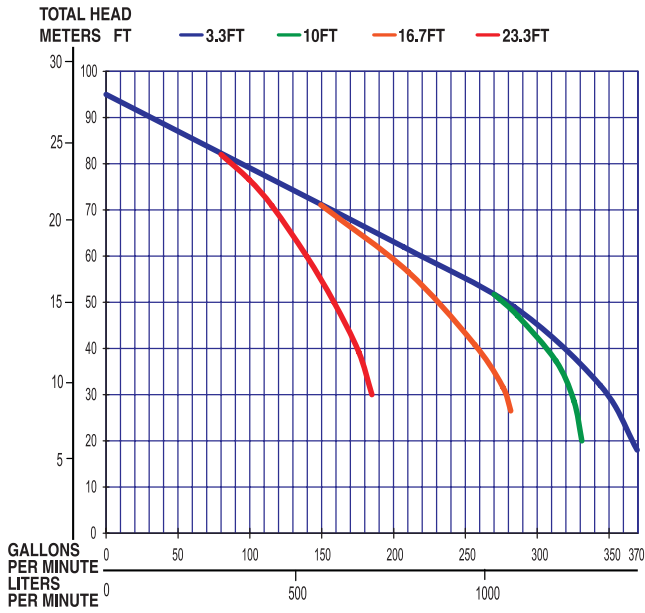
### QP2TH



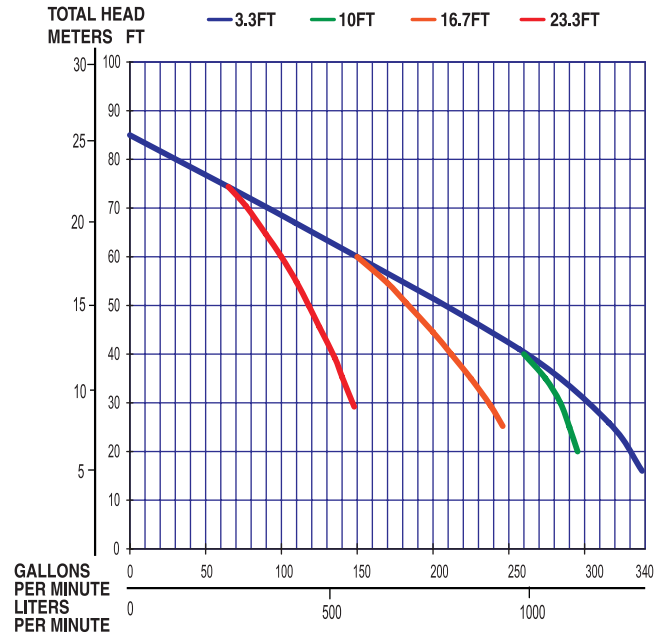
### QP2TZ



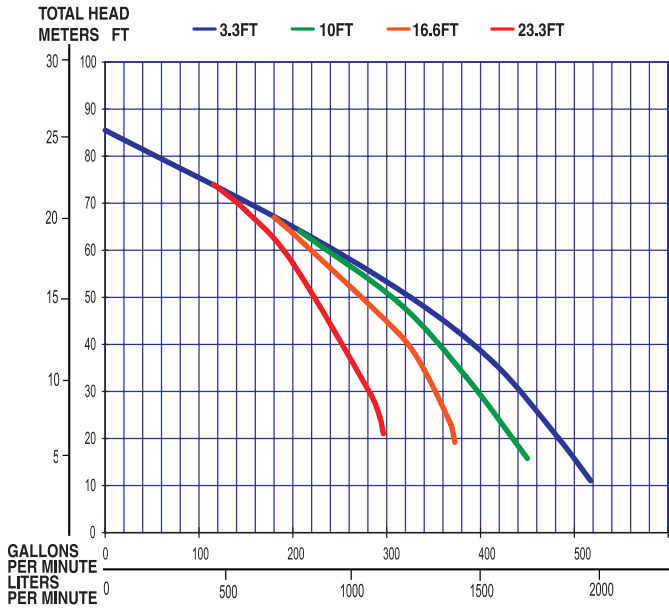
### QP3TH & QP3Ti



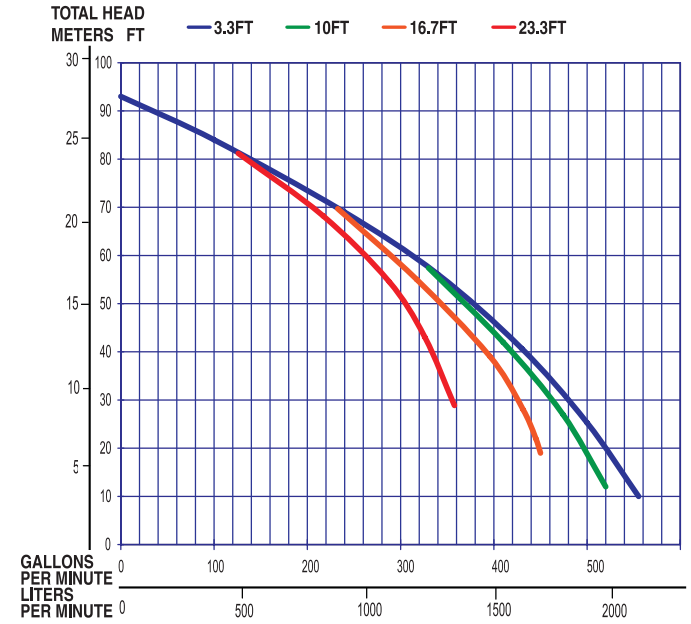
### QP3TZ



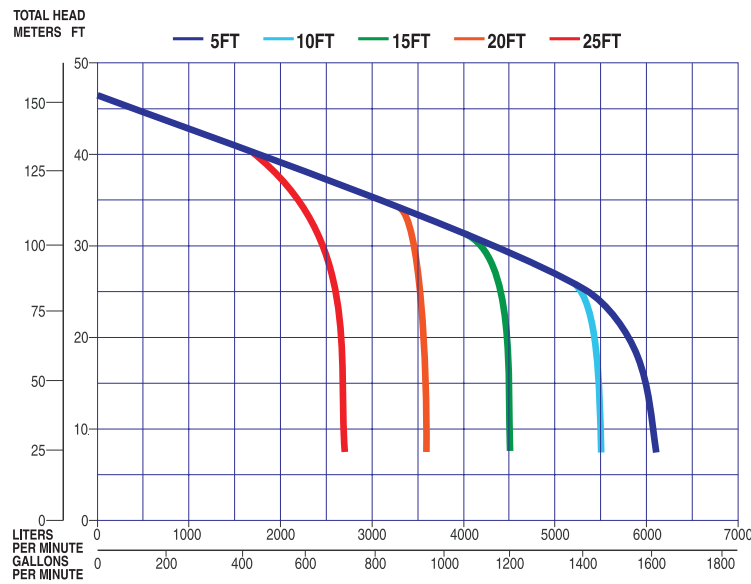
## QP4TZ



## QP4TH



## MQ600H



**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)
<b>GASOLINE POWERED TRASH PUMPS</b>																
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)
QP3Ti	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	Electric	Std. Kit	40 x 27 x 30 (1016 x 686 x 762)	200 (91)
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)
<b>DIESEL POWERED TRASH PUMPS</b>																
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)
MQ600H	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	HATZ 4H50TIC	68.4 (51.1)	2,000	std.	40 (151)	1.76	Electric	Skid	80 x 39 x 49 (2,769 x 1,422 x 1,522)	2,200 (990)
MQ600HTB	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	HATZ 4H50TIC	68.4 (51.1)	2,000	std.	40 (151)	1.76	Electric	Trailer - 2" Ball	124 x 64 x 67 3,150 x 1,630 x 1,700	2,850 (1,283)
MQ600HTP	6 x 6 (152 x 152)	1,600 (6,055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	HATZ 4H50TIC	68.4 (51.1)	2,000	std.	40 (151)	1.76	Electric	Trailer - 3" Pintle	124 x 64 x 67 3,150 x 1,630 x 1,700	2,850 (1,283)

Note: Battery included with the MQ600H Series. Batteries not included with the QP3Ti and QP4TZ Series.

## 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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