

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

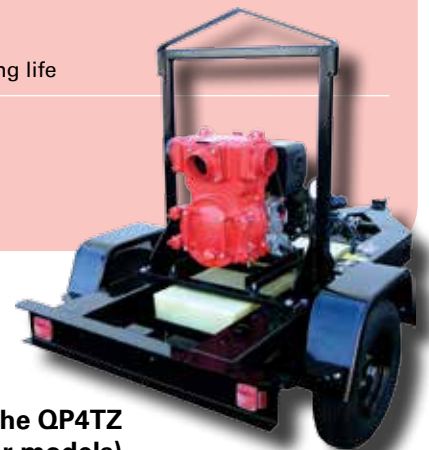
Easily removable, double passage design to ensure fast priming, minimize clogging, and improve efficiency

### 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.

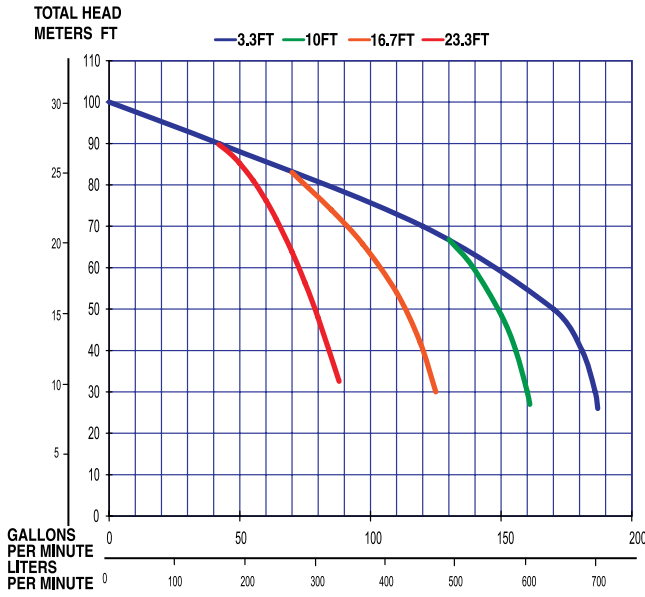


The **MQ600TD80** features a LOFA solid state control box. Weather resistant enclosure features oil pressure, tachometer, ammeter and temperature gauges. LED diagnostic panel and shutdowns for low oil pressure and high engine temperature are standard.

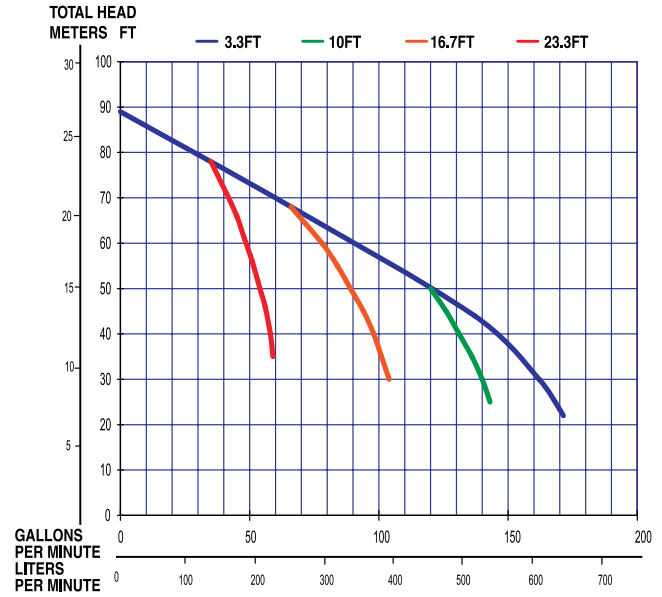


# PERFORMANCE CURVES - 2" - 3" MODELS

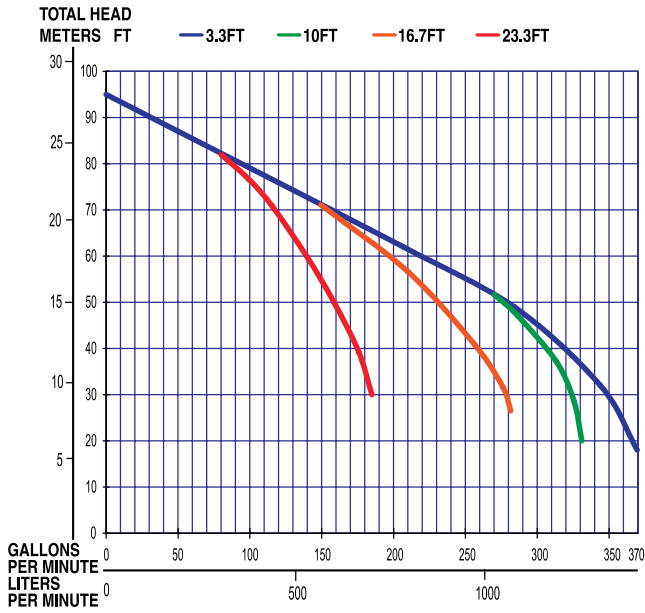
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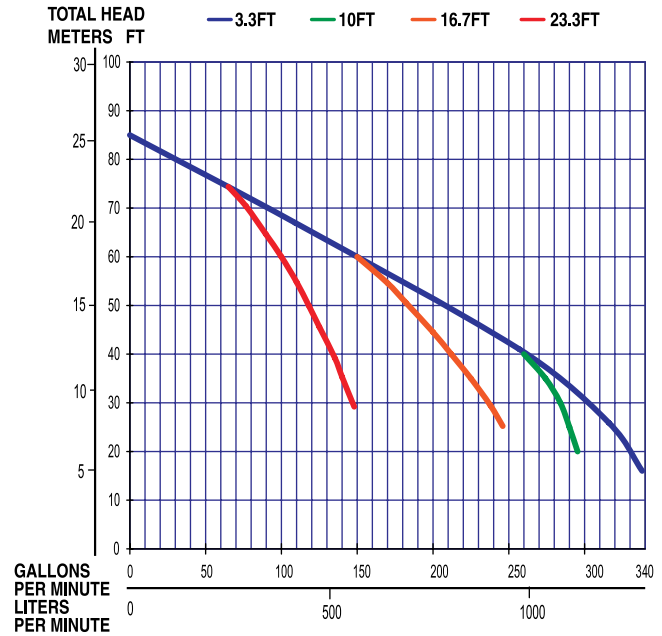
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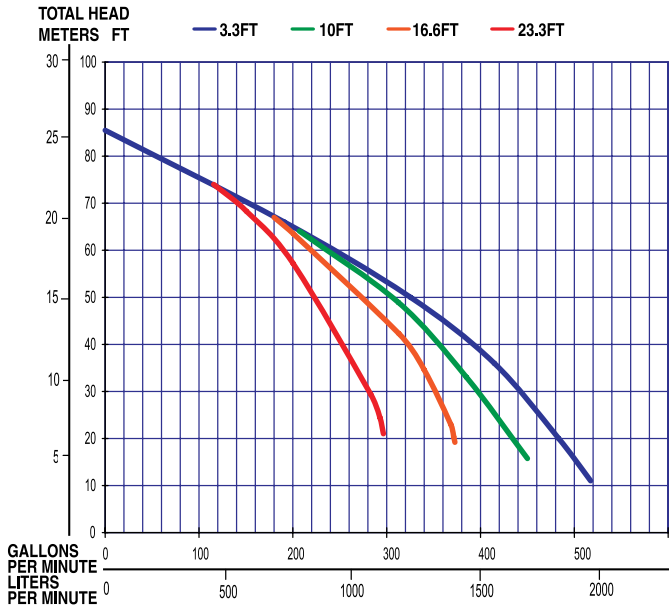
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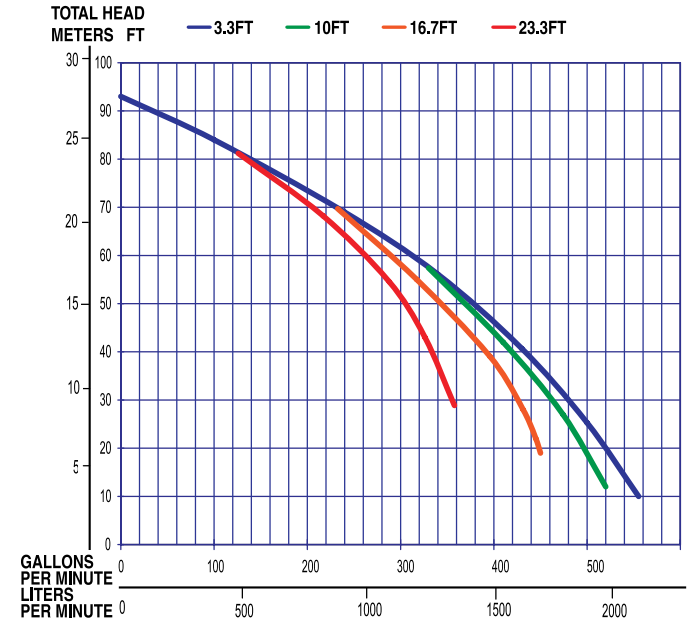
## QP3TZ



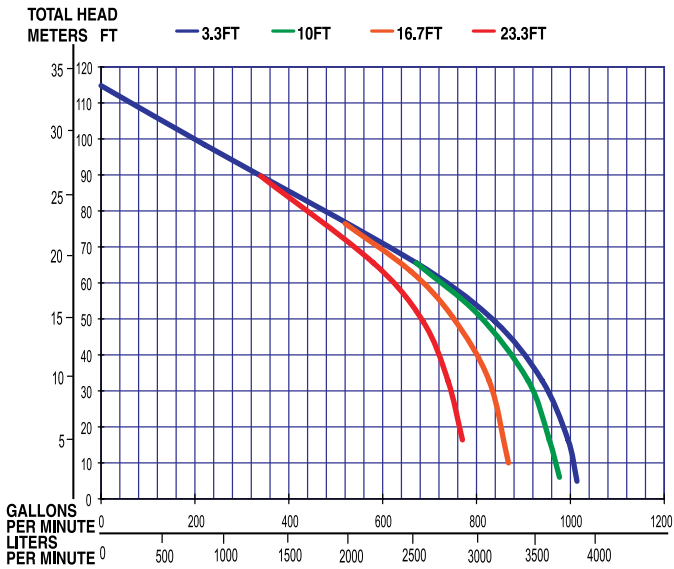
### QP4TZ



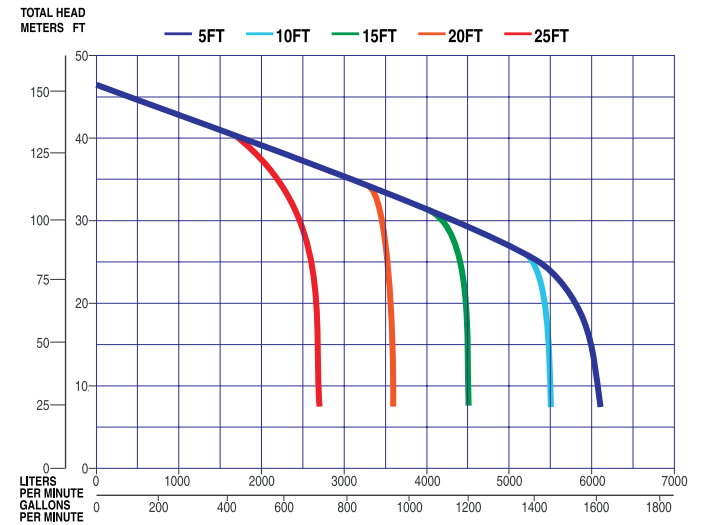
### QP4TH



### 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)
<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)
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)
QP4TZ10P	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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