



# POMPES MULTIQUIP

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# Pompes à résidus



**Pompes à résidus  
pour applications  
exigeantes**

# Pompes à résidus - Moteur à essence

**Confiez vos tâches les plus dures aux pompes à résidus Multiquip** - Les pompes à résidus Multiquip sont conçues pour répondre aux exigences d'entrepreneurs professionnels pour des liquides d'épuisement à forte teneur de solides. Robustes et fiables, elles sont fabriquées des meilleurs matériaux et d'une conception interne exceptionnelle.

- **Alimentation :** Moteur à essence fiable HONDA GX160 4,8 HP avec arrêt automatique en cas d'alerte de bas niveau d'huile.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicium/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre pour une bonne protection.

**Déplace des solides de 1 po**



**QP2TH**

Succion/décharge de 2 po  
211 gallons par minute - TÊTE de 98 pi

- **Alimentation :** Moteur à essence fiable HONDA GX240 7,9 HP avec arrêt automatique en cas d'alerte de bas niveau d'huile.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicium/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre qui entoure l'extrémité de la pompe et le moteur pour plus de protection.

**Déplace des solides de 1 ½ po**



**QP3TH**

Succion/décharge de 3 po  
396 gallons par minute - TÊTE de 95 pi

- **Alimentation :** Moteur à essence fiable HONDA GX340 10,7 HP avec arrêt automatique en cas d'alerte de bas niveau d'huile.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicium/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre qui entoure l'extrémité de la pompe et le moteur pour plus de protection.

**Déplace des solides de 2 po**



**QP4TH**

Succion/décharge de 4 po  
555 gallons par minute - TÊTE de 92 pi

Multiquip offre une série complète d'accessoires pour pompes (voir la page 3) :  
Tuyaux de succion et de décharge et coupleurs de bout de tuyau.



# Pompes à résidus - Moteur diesel

**Si vous préférez la puissance du diesel pour vos pompes à résidus** - La famille de pompes à résidus Multiquip au diesel vous offre un entretien FACILE et un nettoyage FACILE du couvercle. Les modèles comprennent une tête de pompe durable à deux aubes qui peut être facilement retirée de l'arbre moteur, exposant le joint pour qu'il soit inspecté ou remplacé.

*Déplace des solides de 1 po*

- **Alimentation :** Puissant moteur diesel Subaru/HATZ 1B20 4,6 HP.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicone/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre pour une bonne protection.



**QP2TZ**

Succion/décharge de 2 po  
198 gallons par minute - TÊTE de 95 pi

- **Alimentation :** Puissant moteur diesel Subaru/HATZ 1B30 6,8 HP.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicone/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre qui entoure l'extrémité de la pompe et le moteur pour plus de protection.

*Déplace des solides de 1 ½ po*



**QP3TZ**

Succion/décharge de 3 po  
383 gallons par minute - TÊTE de 90 pi

- **Alimentation :** Puissant moteur diesel Subaru/HATZ 1B40 9,9 HP.
- **Châssis d'aluminium moulé sous pression :** Châssis de pompe léger, résilient pour solidité et facilité de manipulation.
- **Modèle à deux sorties :** conçue avec des matériaux de fonte pour une efficacité, une résistance à l'abrasion, et un minimum d'engorgement.
- **Joint mécanique :** Matériaux de silicone/tungstène pour une longue vie et une résistance à l'abrasion.
- **Manchon de joint et arbre de pompe :** Fait d'acier inoxydable pour une résistance à l'abrasion et une longue vie de fonctionnement.
- **Charpente métallique tubulaire :** Charpente métallique robuste de 1 po de diamètre qui entoure l'extrémité de la pompe et le moteur pour plus de protection.

*Déplace des solides de 2 po*



**QP4TZ**

Succion/décharge de 4 po  
526 gallons par minute - TÊTE de 85 pi

Multiquip offre une série complète d'accessoires pour pompes (voir la page 3) :  
Tuyaux de succion et de décharge et coupleurs de bout de tuyau.

# MQ62TDD et accessoires

**La pompe Multiquip MQ62TDD** est une pompe à résidus puissante à auto amorce de 6 po pouvant fournir 65 000 gallons par heure. Cette pompe peut être montée sur une palette pratique, ou sur remorque pouvant accepter une capacité de combustible de 16 ou 28 gallons.

- **Alimentation :** Moteur diesel efficace DEUTZ F2L2011 29 HP refroidi à l'air avec démarrage électrique et boîte de contrôle LOFA transistorisé.
- **Boîtier de pompe :** Fer gris résilient n° 30.
- **Sortie :** Modèle à passage double en fonte facile à retirer pour amorce rapide, un engorgement minime et une longue vie.
- **Tête de pompe :** Modèle ouvert multi-aubes en fonte ductile. Résistante à l'abrasion et capable de passer des solides allant jusqu'à 3 po de diamètre.
- **Joint mécanique :** Silicone/carbure de tungstène avec joint résistant à l'huile. Le siège est lubrifié à l'huile avec jauge visuelle et accepte des composants d'acier inoxydable.
- **Port de succion/décharge : Ports** de fonte de 6 po de diamètre multi-position 90SDgr avec filetage NPT femelle.
- **Solides :** Accepte des solides allant jusqu'à 3 po.
- **Options de montage :** La pompe est livrée sur une palette, ou peut être commandée connectée à une remorque de soutien. Deux options de remorque (16 gallons ou 28 gallons) avec rotule ou cheville d'attelage. [voir page arrière pour des détails sur la remorque]



Illustré avec remorque  
TRLRMP16FP



- **Tableau de contrôle :** Construction transistorisée, avec affichage DEL et compteur d'heures.

**MQ62TDD**  
Suction/décharge de 6 po  
1 086 gallons par minute - TÊTE de 100 pi

## Multiplex offre une série complète d'accessoires de pompes à épuisement



### Tuyaux de succion

- Tuyaux en PVC de haute qualité
- Renforcement d'hélice en PVC rigide
- Coupleurs NPT (Série HS) et coupleur à débranchement rapide (Série HSQ) Assemblages disponibles.
- Diamètres de tuyaux disponibles : 1 ½ po, 2 po, 3 po, 4 po, et 6 po



### Essai de l'étanchéité sous vide

- Jauge de pompe à vide - 1 ½ po à 6 po (Pièce n° 7100031)



### Tuyaux de décharge

- Tuyaux de haute qualité demeurant à plat
- Renforcement de fibre synthétique
- Coupleurs NPT (Série HS) et coupleur à débranchement rapide (Série HDQ) Assemblages disponibles.
- Diamètres de tuyaux disponibles : 1 ½ po, 2 po, 3 po, 4 po, et 6 po



### Couleurs Q-D

- Raccord d'aluminium de haute qualité qui se fixe aux pièces de la pompe et qui accepte des tuyaux Q-D
  - A200A - 2 po NPT - à Q-D
  - A300A - 3 po NPT - à Q-D
  - A400A - 4 po NPT - à Q-D
  - A600A - 6 po NPT - à Q-D



### Trousse de roues

- Trousse universelle avec pneus remplis de mousse. Pièce n° UWK4 pour pompes QP4T - Pièce n° UWKA pour pompe centrifuge 2 po - 4 po, à résidus 2 po - 3 po et 2 po - 3 po à haute pression.



# Pompe à résidus MQ600TD80

**La pompe Multiquip MQ600TD80** est une pompe à résidus à haute performance à auto amorce de 6 po pouvant déplacer 96 000 gallons par heure. Sa conception, son groupe moteur et les matériaux qui composent son côté pompe offrent une sortie exceptionnelle et une longue vie de fonctionnement. La pompe est montée sur une palette ou en option sur une remorque pouvant accepter une capacité de 40 gallons de combustible.

- **Alimentation :** Moteur diesel haute performance DEUTZ F4L914 60 HP refroidi à l'air avec démarrage électrique et boîte de commande complète résistante à l'eau.
- **Boîtier de pompe :** Fer gris robuste n° 30.
- **Sortie :** Modèle à passage double en fonte facile à retirer pour amorce rapide, un engorgement minime et une longue vie.
- **Tête de pompe :** Modèle ouvert multi-aubes en fonte ductile. Résistante à l'abrasion et capable de passer des solides allant jusqu'à 3 po de diamètre.
- **Joint mécanique :** Silicone/carbure de tungstène avec siège résistant à l'huile. Le siège est lubrifié à l'huile avec jauge visuelle et accepte des composants d'acier inoxydable.
- **Port de succion/décharge :** Ports de fonte de 6 po de diamètre multi-position 90SDgr avec filetage NPT femelle. Conçu pour retirer facilement le couvercle pour un nettoyage simple.

## MQ600TD80

Succion/décharge de 6 po  
1 600 gallons par minute - TÊTE de 150 pi

### ■ Tableau de contrôle :

Contrôleur complet monté à l'épreuve des chocs avec voyants lumineux DEL d'avertissement pour bas niveau d'huile et températures élevées de fonctionnement. Le boîtier résiste à l'eau.



## Données de remorque MQ600TD80 :

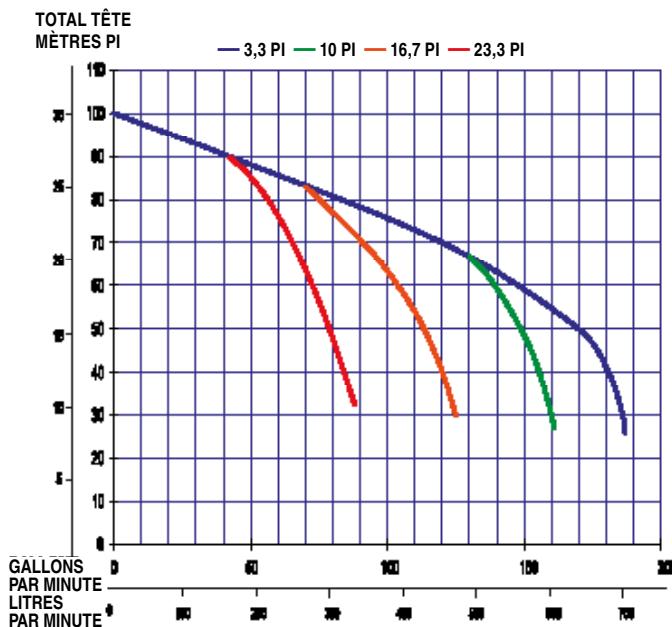
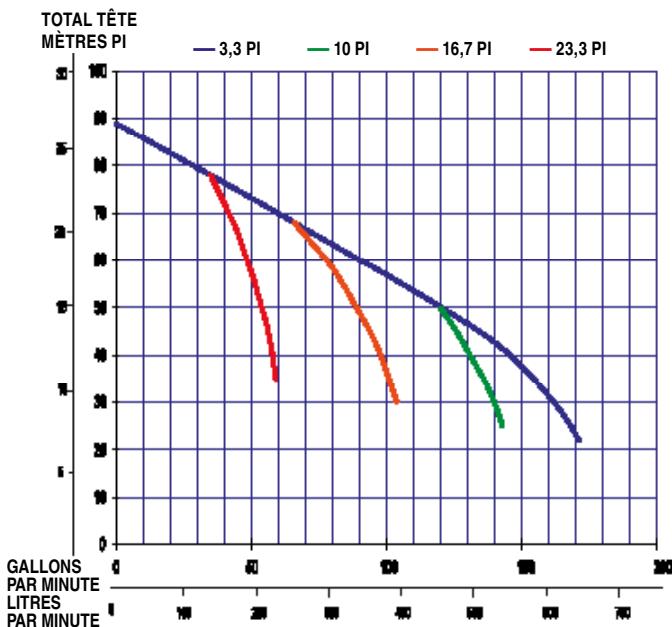
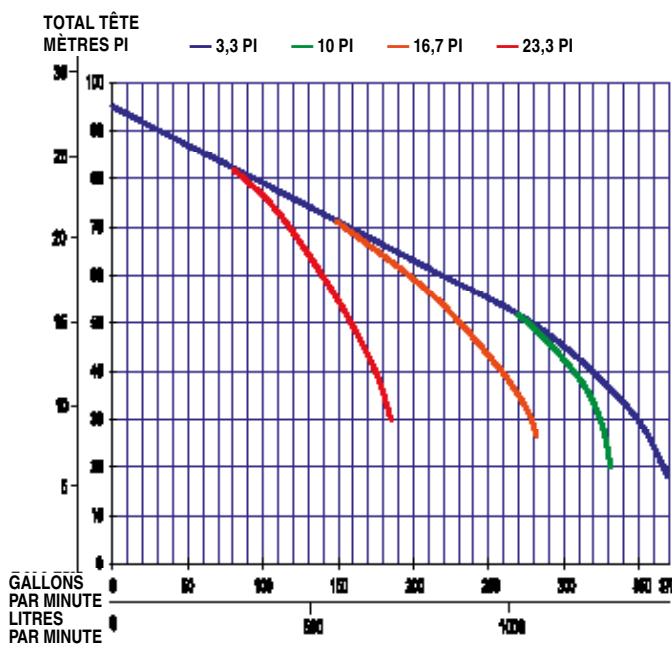
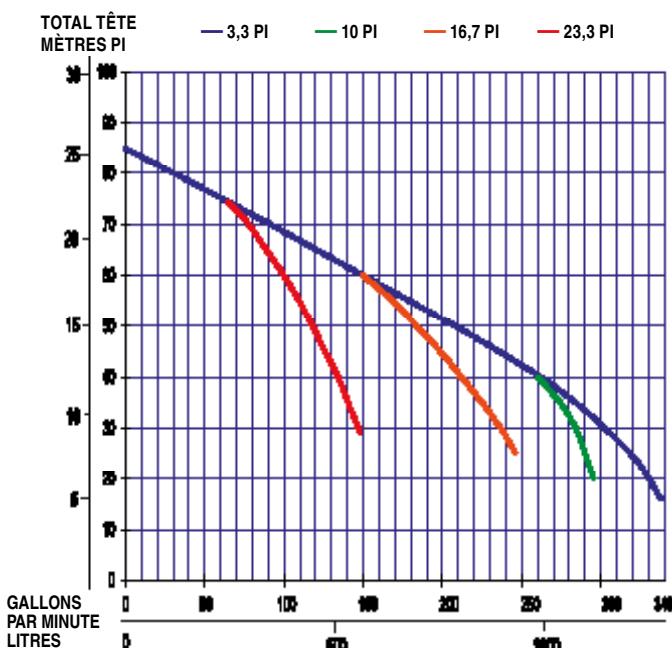
- **Options de montage :** La pompe est normalement livrée sur une palette, ou avec un choix de deux types de remorques (rotule ou cheville d'attelage).
- **Classification de l'axe :** 3 500 lb
- **Classification GVWR :** 3 370 lb
- **Freins :** Hydrauliques.
- **Pneus :** 14 po, 4 plis.



Illustré avec remorque  
TRLRMP16FP

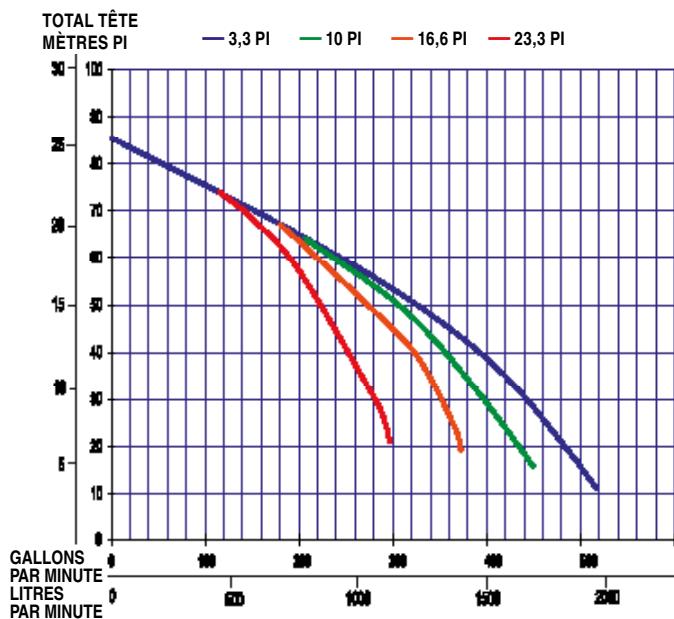
Pompe Modèle	Modèle de pompe avec remorque	Capacité du combustible	Notes Attelage	Poids Sec
MQ600TD80	S/O	40 gallons	Montage de la palette	2,200
MQ600TD80	<b>MQ600TD80TLRB</b>	40 gallons	Rotule d'attelage	3,086
MQ600TD80	<b>MQ600TD80TLRP</b>	40 gallons	Cheville d'attelage	3,370

# Courbes de sortie de pompe - modèles de 2 po à 3 po

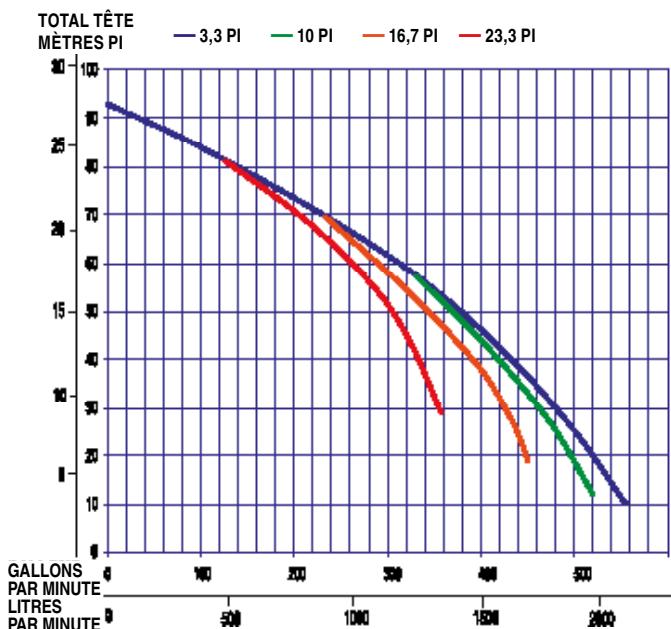
**QP2TH**

**QP-2TZ**

**QP3TH**

**QP3TZ**


# Courbes de sortie de pompe - modèles de 4 po à 6 po

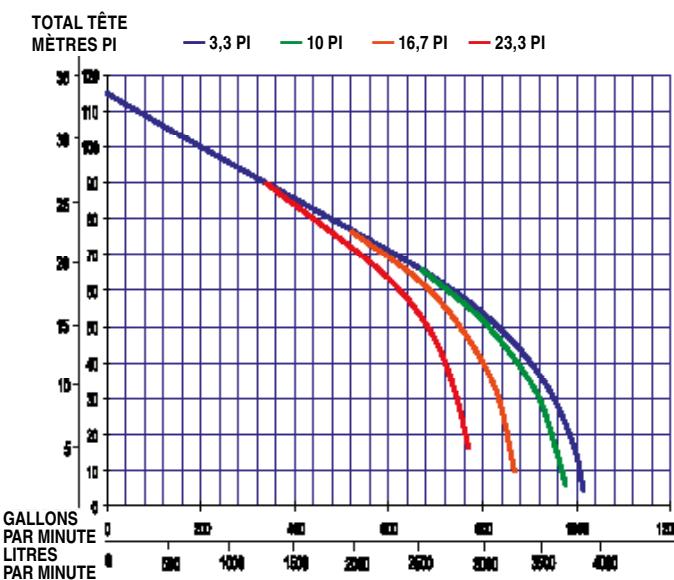
**QP4TZ**



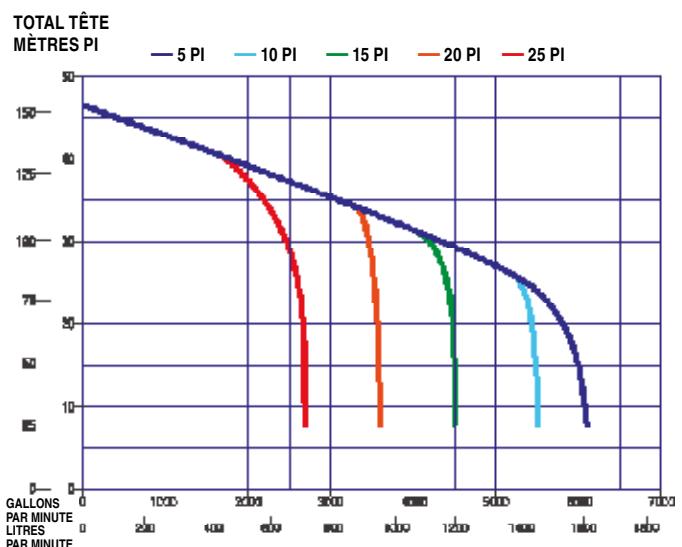
**QP4TH**



**MQ62TDD**



**MQ600TD80**



# Spécifications des pompes à résidus

Modèle	Suction x Décharge po (mm)	Capacité max gal/min (L/min)	LEVÉE MAX PI (m)	Tête max pi (m)	Pression max psi (kPa)	Solides max po (mm)	Moteur	HP (kW)*	Tours/ min de fonctionnement	Alerte d'huile	Capacité de combustible pinte (L)	Taux de consommation de combustible gal/h (L/h)	Méthode de démarrage	Trousse de roues (option)	Dimensions de la palette montée long x larg x haut po (mm)	Poids sec lb (kg)
<b>POMPES À RÉSIDUS PROPULSÉES PAR HONDA</b>																
QP2TH	2 x 2 (51 x 51)	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)	Recul	UWKA	26,9 x 18,3 x 20,3 (690 x 470 x 520)	96 (44)
QP3TH	3 x 3 (76 x 76)	396 (1500)	25 (7.6)	95 (29)	41.1 (283)	1.5 (38)	Honda GX-240	7.9 (5.9)	3,600	Standard	6.3 (6)	0.67 (2.5)	Recul	UWKA	28,7 x 21,7 x 23,0 (730 x 550 x 590)	163 (74)
QP4TH	4 x 4 (101 x 101)	555 (2100)	25 (7.6)	92 (28)	40.0 (275)	2 (51)	Honda GX-340	10.7 (8.0)	3,600	Standard	6.8 (6.5)	0.92 (3.5)	Recul	UWK4	28,2 x 25,1 x 28,2 (715 x 640 x 715)	216 (98)
<b>POMPES À RÉSIDUS PROPULSÉES AU DIESEL</b>																
QP2TZ	2 x 2 (51 x 51)	198 (750)	25 (7.6)	95 (29)	41.1 (283)	1 (25)	Subaru/Hatz 1B20	4.6 (3.4)	3,600	S/O	3.2 (3)	0.31 (1.2)	Recul	UWKA	26,5 x 18,3 x 23,2 (680 x 470 x 590)	131 (60)
QP3TZ	3 x 3 (76 x 76)	383 (1450)	25 (7.6)	90 (27)	38.9 (268)	1.5 (38)	Subaru/Hatz 1B30	6.8 (5.1)	3,600	S/O	5.2 (5)	0.46 (1.76)	Recul	UWKA	27,8 x 20,0 x 25,0 (710510 x 640)	142 (64)
QP4TZ	4 x 4 (100 x 100)	526 (2000)	25 (7.6)	85 (26)	36.8 (253)	2 (51)	Subaru/Hatz 1B40	9.9 (7.4)	3,600	S/O	5.2 (5)	0.67 (2.5)	Électrique ‡ / Recul	UWK4	28,2 x 25,1 x 28,2 (715 x 640 x 715)	265 (120)
MQ62TDD	6 x 6 (152 x 152)	1,083 (4100)	25 (7.6)	100 (31)	43.3 (298)	2 (51)	Deutz D2011LO4i	29 (21.8)	2,800	Standard	16 gal (60)	2.2 (8.4)	Électrique ‡	Monté sur palette	56 x 36 x 56 (1420 x 910 x 1420)	1560 (707)
MQ600TD80	6 x 6 (152 x 152)	1,600 (6055)	25 (7.6)	150 (46)	64.9 (447)	3 (76)	Deutz D914	60 (44.8)	2,000	Standard	151,42 l. (151)	3.38 (12.8)	Électrique ‡	Monté sur palette	80 x 39 x 49 (2030 x 990 x 1240)	2200 (1111)

Modèle de remorque	Pour modèle de pompe	Modèle avec pompe et monté sur remorque	Capacité de combustible gallons (L)	Remarques sur l'attelage	Dimensions long x larg x haut po (cm)	Poids sec - Monté lb (kg)
TRLR10P	QP4TZ	QP4TZT10P	1.3 (5)	Rotule ou cheville (préciser)	100 x 52 x 52 (254 x 132 x 132)	550 (250)
TRLRMP16FP	QP4TZ	QP4TZTMP16F	16 (60)	Rotule ou cheville (préciser)	109 x 56 x 60 (278 x 142 x 152)	665 (302)
TRLRMPXFP	QP4TZ	QP4TZTMPXF	28 (106)	Rotule ou cheville (préciser)	109 x 56 x 60 (278 x 142 x 152)	735 (334)
TRLRMP16FP	MQ62TDD	MQ62TDDTMP16F	16 (60)	Rotule ou cheville (préciser)	109 x 56 x 60 (278 x 142 x 152)	1960 (889)
TRLRMPXFP	MQ62TDD	MQ62TDDTMPXF	28 (106)	Rotule ou cheville (préciser)	109 x 56 x 60 (278 x 142 x 152)	2030 (921)
TRLR600B	MQ600TD80	MQ600TD80-TLRB	40 (151)	Rotule d'attelage	124 x 64 x 67 (315 x 163 x 170)	3086 (1389)
TRLR600P	MQ600TD80	MQ600TD80-TLRP	40 (151)	Cheville d'attelage	124 x 64 x 67 (315 x 163 x 170)	3370 (1517)

\* Les classifications de courant pour le moteur sont calculées par le fabricant même du moteur et la méthode de classification peut varier d'un fabricant à l'autre. Multiquip Inc. et ses filiales ne font aucune déclaration, représentation, ou garantie quant à la classification de courant du moteur sur cet équipement et renonce à toute responsabilité de quelque genre que ce soit en ce qui concerne la précision de la classification de courant du moteur. Les utilisateurs sont avisés de consulter le manuel du propriétaire du fabricant du moteur et son site Web pour des détails particuliers sur la classification de courant du moteur.

‡ Les batteries ne sont pas incluses avec les pompes à démarrage électrique.

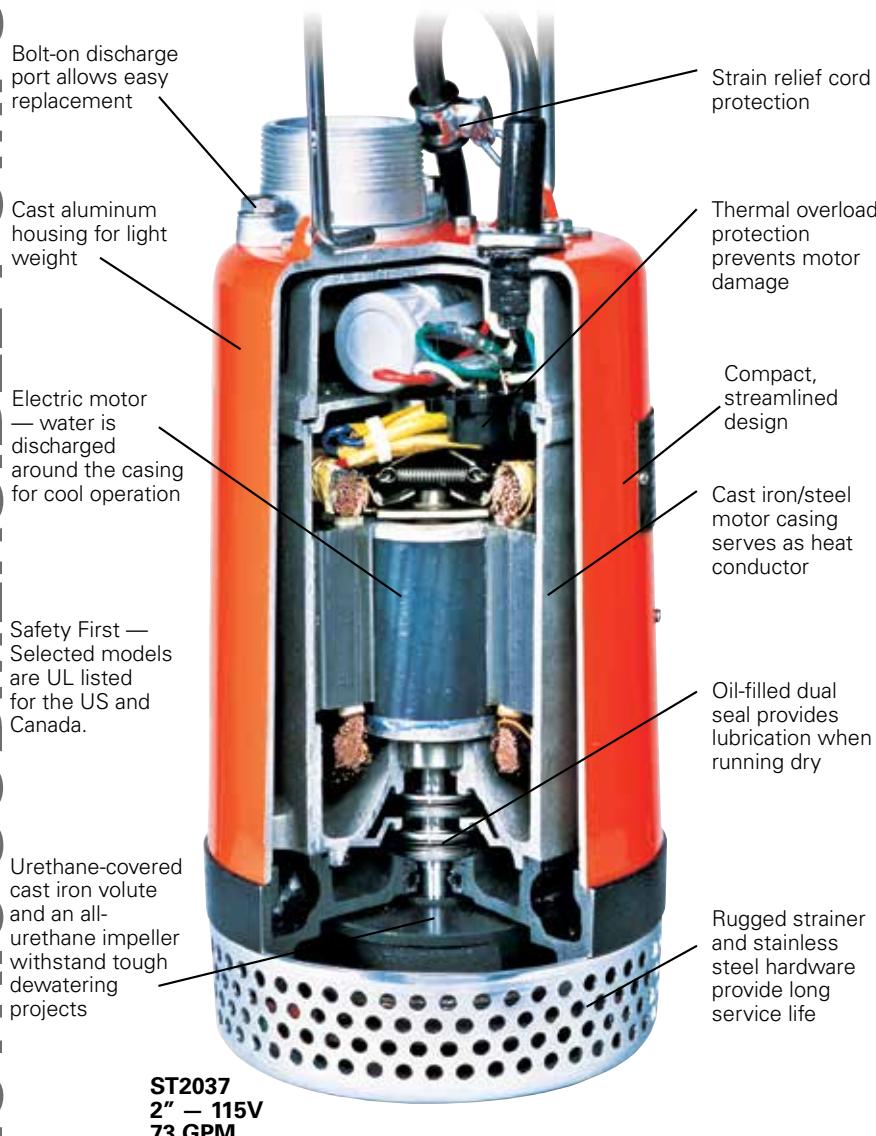
# SUBMERSIBLE PUMPS



Pumps for construction, municipal and industrial applications.



# ELECTRIC SUBMERSIBLE PUMPS



**Multiquip Electric Submersible Pumps** are ideal for removing water from confined areas. Their compact design and high performance enables them to get the job done where other pumps come up short.

Models are available in sizes ranging from 3/4" to 6" and provide high capacities — up to 674 GPM — with heads up to 105 feet. Single and three phase motor configurations are available to meet virtually any power requirement; single and Three phase motor models are available

**Versatile pumps that handle a wide range of applications:**

## Construction

Contractors prefer the rugged design of Multiquip pumps for removing water from well casings, construction sites, cofferdams and excavations. All pump components are designed to withstand the rigors of the job site.

## Utilities

These are the pumps of choice for dewatering manholes or transformer vaults. Service personnel value their lightweight and portability.

## Municipalities

The versatility and reliability of Multiquip pumps makes them popular with state and local governments. Street and sanitation departments depend on our pumps for the removal of unwanted water.

## Homeowners

Multiquip's lightweight, compact submersible pumps are the first choice for household dewatering applications such as draining basements and swimming pools.



# CENTRIFUGAL - SINGLE PHASE

## Motor Protection

All models provide built-in thermal overload protection that shuts down the pump when operating temperature becomes too high, and automatically restarts once the motor cools and a proper temperature is met.



### YELLSUB

**33 GPM - 15' HEAD**  
**3/4" GHT and**  
**1 1/4" NPT Discharge**

The Yellow Submarine is lightweight, compact and is a great choice for light duty jobs found around the shop or home. One piece polymer pump casing resists corrosion and heat. Features internal overload protection, dual shaft seals, and UL/CUL listings.



### ST2038P

**2" NPT Discharge**  
**60 GPM - 38' HEAD**

Designed for hard industrial pumping applications. Unique strainer permits dewatering levels down to 1/16". Features oil-filled dual shaft seals, aluminum housing, streamline shape, powerful 115V motor, internal thermal protection, and UL/CUL listings.



### ST2047

**2" NPT Discharge**  
**87 GPM - 47' HEAD**

This time tested pump is the contractors choice for tough demanding applications. The engineered design provides superior performance in a compact package. Trusted powerful 115V motor, low maintenance requirements, thermal protection, and UL/CUL listings.



All MQ 115V 1Ø pumps are designed with internal thermal overload protection and do not require extra electrical protection, however, the CB3 Control Box is offered for convenient ON/OFF/AUTO and float switch operations. The CB3 comes with two SW1WOPA float switches.

## Quality and Safety

ST Series Single Phase Pumps are in accordance with ISO9001 Quality Management System standard. Also, all Single Phase models carry the Underwriters Laboratories (UL) Listing for compliance with both U.S. or Canadian electrical safety codes.

### SS233

**2" NPT Discharge**  
**60 GPM - 20' HEAD**

This highly portable, lightweight pump is a great choice for flooded rooms, flat roofs, fill tanks, basins, fountains and waterfalls. Features include hardy thermoplastic casing, stainless steel fitting, internal overload protection, full oil lubricated shaft seals, and UL/CUL listings.



### ST2037

**2" NPT Discharge**  
**73 GPM - 37' HEAD**

Popular, and versatile, the ST2037 is a low maintenance pump that is designed for long hard industrial pumping applications. Features include oil-filled dual shaft seals, aluminum housing, streamline shape, powerful 115V motor, internal thermal protection, and provides UL/CUL listings.



### ST3020BCUL

**3" NPT Discharge**  
**170 GPM - 72' HEAD**

Slim design and proven performance, this 2HP 230V pump de-waters surfaces down to 1/2" and handles fluids up to 140° F. Features include double mechanical oil-filled seals, internal thermal protection, & sealed ball bearing assembly. The pump offers a ductile iron impeller, insulated aluminum casing, 50' power cable with strain relief, assembly, and provides a convenient carrying handle.



The pump model ST3020BCUL provides its own internal thermal overload protection, however, the 230V 1Ø CB6 Control Box is offered for convenient ON/OFF/AUTO and float switch operations. The CB6 comes standard with two SW1WOPA float switches.



# TRASH PUMPS – SINGLE PHASE

## Why Choose a Trash Pump?

When applications call for moving heavy debris laden water, the proper choice is the Multiquip Submersible Trash Pump. The pumps are equipped with a 2" discharge port, and are internally engineered to easily handle debris and solids up to one inch in diameter. All models employ a vortex action design that discharges solids away from the unique multi-vane impeller to prevent clogging.



### ST2040T

2" NPT Discharge

79 GPM - 40' HEAD

This rugged compact submersible trash pump is ideal for moving debris laden water (MAX solid size 1"). A heavy duty cast iron housing and abrasion resistant impeller withstands tough dewatering applications. The ST2040T features dual shaft seals, powerful 115V motor, internal thermal protection, 25' power cable with strain relief, convenient carry handle, and UL/CUL listings. Pumps fluids up to 140° F.

Easy Clean out  
Base Design



### ST2010TCUL

2" Discharge

95 GPM - 45' HEAD

Designed for heavy industrial applications, the ST2010TCUL provides exceptional performance moving debris laden water (MAX solid size 1"). An industrial grade cast iron housing and abrasion resistant impeller withstands very demanding dewatering applications. Key features include a powerful 115V electric motor, double mechanical oil filled shaft seals, sealed ball bearing impeller, powerful 115V motor, internal thermal protection, 50' power cable with strain relief, convenient and carrying handle. Also, this pump has UL/CUL listings, and handle fluids up to 140° F.

Easy Clean out  
Base Design



### PX400

2" NPT Discharge

72 GPM - 34' HEAD

The PX400 is a lightweight submersible trash pump in a compact package. It is ideal for moving debris laden water (MAX solid size 1"). An industrial grade cast iron housing and abrasion resistant impeller withstands tough dewatering applications. The corrosion resistant stainless steel casing allows this pump to tackle marine, and selected chemical applications. Major features include abrasion resistant impeller, dual shaft seals, powerful 115V motor, internal overload protection, 19' power cable with strain relief, convenient carry handle, and UL/CUL listings. Pumps fluids up to 140° F.

Easy Clean out  
Base Design



All MQ 115V 10 pumps are designed with internal thermal overload protection and do not require extra electrical protection, however, the CB3 control box is offered for convenient ON/OFF/AUTO and float switch operations. The CB3 comes with two SW1WOPA float switches.



## Multiquip's Powerful 3-Phase Pumps

When three phase power is available, Multiquip provides three pump models that tackle a variety of industrial dewatering applications. These powerful submersibles are available in 3", 4" and 6" discharge sizes, and are available in either 230V or 460V models depending on power source.



**ST3050D**  
3" NPT Discharge  
270 GPM - 86' HEAD

The ST3050D is ideal for supporting tough utility and municipal jobs. The flexible dual voltage 230/460 5HP motor ensures optimum flow and head performance. The pump incorporates an industrial cast iron housing, dual shaft seals, sealed ball bearing impeller, carrying handle and molded 50' power cable w/ strain relief. The pump handles fluid up to 140° F.



A Control Box is required to provide overload safety shut downs that are thermal & voltage related, and to assist in powering float switches. MQ offers the control box CB200 to support the ST3050D.



**ST41230 / ST41460**  
4" NPT Discharge  
423 GPM - 138' HEAD

Powerful, compact and offering top performance output, the ST41 Series features: heat-treated stainless steel 410 shaft, double mechanical seals, oil free motor, thermal/over current motor protection, dynamically balanced high chrome impeller, and corrosion resistant stainless steel outer casing. Passes solids up to ½", has a carrying handle and comes with a molded 33' power cable w/ strain relief. The pump handles fluid up to 140° F. There are two 4" discharge models available: 230V 3Ø or 460V 3Ø.

A Control Box is required to provide safe ON/OFF functioning, overload safety shut downs that are thermal & voltage related, and proper conduits to assist in powering float switches. MQ offers the CB1269 control box to support the ST41230 and the CB1456 to support the ST41460.

**ST61230 / ST61460**  
6" NPT Discharge  
674 GPM - 105' HEAD

The ST61 Series provides exceptional flow output,durability, in an overall compact package. High performance and operating value is achieved through an oil free motor, thermal/over current motor protection, dynamically balanced high chrome impeller, heat-treated stainless steel 410 shaft, double mechanical seals, and rigid corrosion resistant stainless steel outer casing and strainer. Passes solids up to ½", lifting eyelets and comes with a molded 33' power cable w/ strain relief. The pump handles fluid up to 140° F. Depending on your electrical source, there are two 6" discharge model pumps: 230V 3Ø or 460V 3Ø.



A control box is required to provide safe ON/OFF functioning, overload safety shut downs that are thermal & voltage related, and proper conduits to assist in powering float switches. MQ offers the CB1274 control box to support the ST61230 and CB1456 Control Box to support the ST61460



## Control Boxes

Model	Description
	Control box for 115V Pumps - Water resistant fiberglass housing and cable connectors prevent moisture from entering into box - (2) SW1WPOA float switches attached. Features operation switch and running light. Specs FLA (Amps): 120V 1Ø 40A.
	Control box for 230V Pumps - Water resistant fiberglass housing and cable connectors prevent moisture from entering into box. Features operation AUTO switch. Specs FLA (Amps): 230V 1Ø 12A. Includes (2) SW1WOPA Single float switches
	Control box. Magnetic starter, watertight housing and cable connectors prevent moisture from entering into box - additional cable glands support float switches. Features ON/OFF switch and running light. Electric overload helps prevent short circuits, and power spikes. Specs: 230V 1Ø 10.5A; 230V 3Ø 14.2A, 460V 3Ø 7.1A
	Control box for model ST41230 (230V 3Ø). Magnetic starter, electronic overload protection, power spike control, and short circuit protection. Watertight outer housing and cable glands that support float switches. ON/OFF switch with running lights. Three K69 heater elements included.
	Control Box for model ST61230 (230V 3Ø). Magnetic starter, electronic overload protection, power spike control, and short circuit protection. Watertight outer housing and cable glands that support float switches. ON/OFF switch with running lights. Three K74 heater elements included.
	Control box for model ST41460 (460V 3Ø). Magnetic starter, electronic overload protection, power spike control, and short circuit protection. Watertight outer housing and cable glands that support float switches. ON/OFF switch with running lights. Three K56 heater elements included.
	Control Box for model ST61460 (460V 3Ø). Magnetic starter, electronic overload protection, power spike control, and short circuit protection. Watertight outer housing and cable glands that support float switches. ON/OFF switch with running lights. Three K63 heater elements included.

## Float Switches

Model	Description
	Mechanical single float switch, 120V. Provides NEMA 5-15 Plug and piggy-back receptacle end. Corrosion resistant PVC Housing for use in sewage/water up to 140° F. UL/CUL listed. Heavy-duty contacts. Adjustable range 7" to 36". 16 gauge cord. Pressure tested to 60'. 14 Gauge - 20' cord.
	Mechanical single float switch, 120V. Open wire end. Corrosion resistant PVC Housing for use in sewage/water up to 140° F. UL/CUL listed. Heavy-duty contacts. Adjustable range 7" to 36". 16 gauge cord. Pressure tested to 60'. 14 Gauge - 20' cord. For control box applications only.
	Double mechanical float switch, 120V. Provides holding relay to permit floats to work in series, and eliminates pump chatter in turbulent applications. UL/CUL listed. Adjustable pumping ranges 3" to 48". With NEMA 5-15 plug and piggy-back receptacle. Float housings made from rugged polypropylene with 14 Gauge 20' cords.

## Discharge Hose

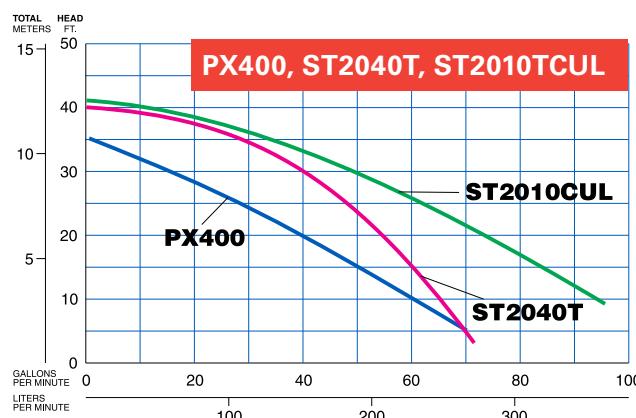
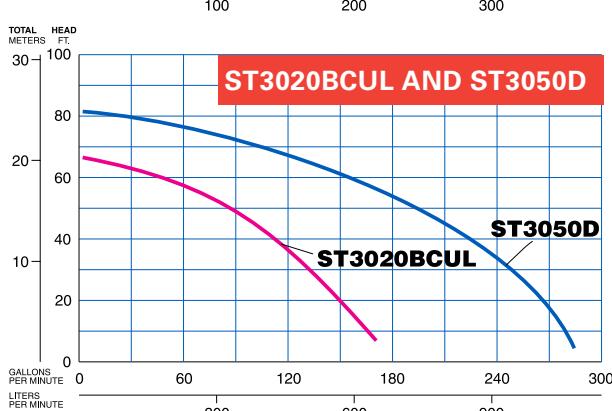
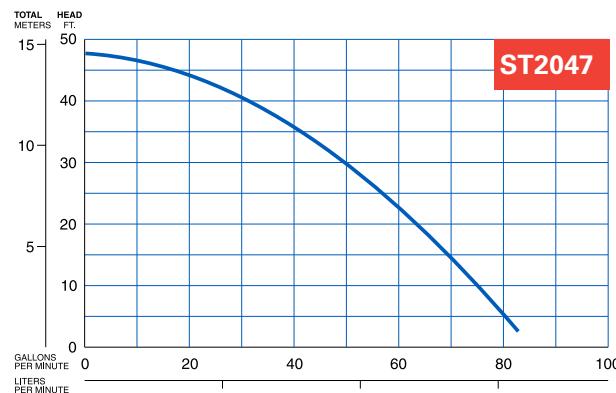
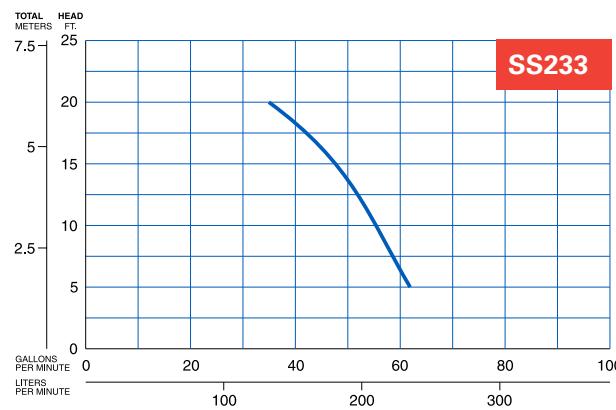
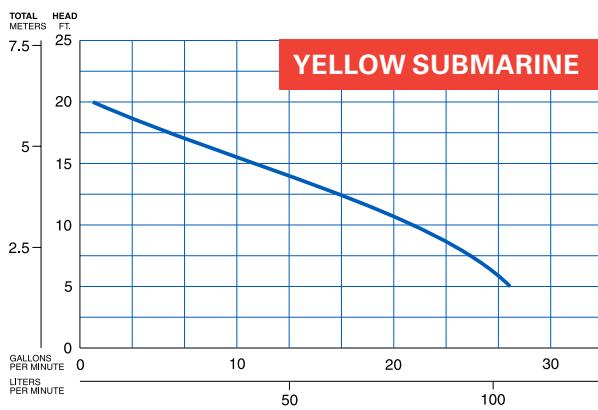
NPT THREAD		
	HD1550	Discharge Hose, 50 feet - 1½" - 75psi
	HD250	Discharge Hose, 50 feet - 2" - 75psi
	HD350	Discharge Hose, 50 feet - 3" - 60psi
	HD450	Discharge Hose, 50 feet - 4" - 60psi
	HD650	Discharge Hose, 50 feet - 6" - 45psi

QD COUPLER		
	HDQ1550	Discharge Hose, 50 feet - 1½" Quick Coupler - 75psi
	HDQ250	Discharge Hose, 50 feet - 2" Quick Coupler - 75psi
	HDQ350	Discharge Hose, 50 feet - 3" Quick Coupler - 60psi
	HDQ450	Discharge Hose, 50 feet - 4" Quick Coupler - 60psi
	HDQ650	Discharge Hose, 50 feet - 6" Quick Coupler - 45psi



# PUMP PERFORMANCE CURVES



# Specifications

Model	Impeller	Disc. Size in. (mm)	Max. Solids in. (mm)	Total Head ft. (m)	Capacity GPM (lpm)	HP (kw)‡	Voltage; Phase	Starting Amp.	Running Amp.	Cable Length ft. (m)	Diameter in. (mm)	Height in. (mm)	Weight lb (kg)
<b>CENTRIFUGAL</b>													
YELLSUB*	Heavy Polymer	1 1/4 (31.7)	0.4	15 (4.6)	33 (125)	0.25 (.185)	115V 1Ø	11.5	2.5	9 (2.7)	6.25 (159)	9.5 (241)	6 (2.72)
SS233*	Heavy Polymer	2 (50)	0.4	20 (6.1)	60 (227)	0.5 (0.37)	115V 1Ø	30	6	10 (7.6)	8.1 (206)	14.5 (368)	15.5 (7.0)
ST2038P*	Neoprene Rubber over Cast Iron	2 (50)	0.4	38 (11.5)	60 (227)	1 (0.75)	115V 1Ø	56	8	25 (7.6)	7.7 (196)	15.4 (391)	31 (14)
ST2037*	Neoprene Rubber over Cast Iron	2 (50)	0.4	37 (11.3)	73 (276)	1 (0.75)	115V 1Ø	34.5	6.9	25 (7.6)	7.4 (188)	15.4 (391)	31 (14)
ST2047*	Neoprene Rubber over Cast Iron	2 (50)	0.4	47 (14.3)	87 (329)	1 (0.75)	115V 1Ø	49	9.8	50 (15.2)	7.4 (188)	15.4 (391)	33 (15)
ST3020BCUL*	Cast Ductile Iron	3 (75)	0.4	72 (22)	170 (644)	2 (1.5)	230V 1Ø	52	10.5	50 (15.2)	6.7 (170)	28.5 (720)	67 (30)
ST3050D	Cast Ductile Iron	3 (75)	0.4	86 (26)	264 (999)	5 (3.75)	230/460V 3Ø	77 (230V) 39 (460V)	14.2 (230V) 7.1 (460V)	50 (15.2)	10.2 (259)	26.8 (680)	120 (54)
ST41230	Chrome Steel	4 (100)	.6" (15)	138 (42)	423 (1600)	10 (7.5)	230 3Ø	172.2	28.6	33 (10)	12.5 (317)	32 (807)	205 (93)
ST41460	Chrome Steel	4 (100)	.6" (15)	138 (42)	423 (1600)	10 (7.5)	460 3Ø	85.8	14.3	33 (10)	12.5 (317)	32 (807)	205 (93)
ST61230	Chrome Steel	6 (150)	.6" (15)	105 (32.5)	674 (2450)	15 (11.0)	230 3Ø	258	43	33 (10)	14 (352)	34 (855)	301 (137)
ST61460	Chrome Steel	6 (150)	.6" (15)	105 (32.5)	674 (2450)	15 (11.0)	460 3Ø	129	21.5	33 (10)	14 (352)	34 (855)	301 (137)
<b>TRASH PUMPS</b>													
PX400*	Urethane Resin	2 (50)	1 (25)	34 (10.3)	72 (273)	0.5 (0.37)	115V 1Ø	37	6.2	19 (5.6)	10 (254)	17 (430)	25 (11)
ST2040T*	Neoprene Rubber over Cast Iron	2 (50)	1 (25)	40 (12.2)	79 (299)	1 (0.75)	115V 1Ø	34	6.8	25 (7.6)	10.3 (267)	16.8 (427)	34 (15.4)
ST2010TCUL*	Cast Ductile Iron	2 (50)	1 (25)	45 (13.7)	95 (360)	1 (0.75)	115V 1Ø	53	9.4	50 (15.2)	10.3 (267)	24.5 (622)	77 (35)

**Note: All Multiquip 3-phase submersible pumps require a control box to provide it with all of the operation safety shut-downs and to use with float switches (if required).**

If these pumps are ordered to replace a unit in an existing application where a control box is already installed then the existing control box may be sufficient. If the pump is part of a new application where a control box is not already present then a control box needs to be ordered with the 3-phase submersible pump. A control box is needed specifically to provide the 3-phase submersible pump with the voltage overload and thermal overload shutdowns, as well as a connection point for the use of float switches.

\* Complies with UL and Canadian Electrical Standards.



# WATER PUMPS



**Dependable Centrifugal, High Pressure  
and Diaphragm Pumps**



**Multiquip High Pressure Centrifugal Pumps represent dependability and performance for jobs that call for high head productivity.** Rugged pipe frames protect the pump and assist in handling. The pumps are designed for power and operations ease. All models provide a unique discharge manifold with three port options and are ideal for water jetting, dust control, irrigation, equipment wash down, agricultural support, and fire fighting.

## QP205SH



**2" Suction**  
**1" x 1" x 1.5" Discharge**  
**106 GPM Flow**  
**230' Head (100 psi)**  
**HONDA GX160, 4.8HP**



**Dynamically balanced,** enclosed impeller assembly produces consistent, powerful pressure enabling the pumps to jet water at impressive rates.

## QP205SDPFF



**Ideal For Salt Water Operations**

**2" Suction**  
**1" x 1" x 1.5" Discharge**  
**119 GPM Flow**  
**197' Head (85 psi)**  
**YANMAR L70V6 Diesel, 6.4HP**

**POWER:** Honda gasoline engine with automatic low oil alert and auto shutdown. Meets all EPA/CARB requirements.

**BRUSHED DIE CAST ALUMINUM PUMP BODY:** Compact, lightweight casing with precision tolerances for fast priming and the characteristics to withstand high pressure watering/dewatering demands.

**DISCHARGE MANIFOLD:** Unique, and flexible tri-discharge port design that easily adopts to multiple discharge hose diameters and flow orientation.

**VOLUTE/IMPELLER SYSTEM:** Combined open/enclosed impeller assembly that promotes consistent high pressure performance with minimal service requirements.

**PUMP AND ENGINE PROTECTION:** A rugged one inch steel tube roll cage surrounds and protects the unit during transportation and operation.

**MECHANICAL SEAL ASSEMBLY:** Made from Silicon/Tungsten carbon that tackles the requirements for high fit tolerances, operational heat and abrasion resistance. For operational longevity, the seal sleeve and pump shaft is (#303) stainless steel, with a Duracon BC liner ring.

## EXCELLENT FOR FIREFIGHTING

All MQ high pressure pumps meet the U.S. Coast Guard Standards (46 CFR Part 27) for portable fire fighting requirements.

A three discharge port manifold provides multiple hose diameters and directional discharge options.



## The QPT-Series delivers when very high head, high pressure, and significant flow are essential.

Twin-enclosed impellers and a compact volute (diffuser) assembly generate impressive discharge pressures. The efficient pump-end design allows for lower horsepower engines, translating to compact design, easier transportability, and lower fuel operating costs.

### QPT205SLT



**2" Suction**  
**1" x 1" x 1.5" Discharge**  
**126 GPM Flow**  
**312' Head (135 psi)**  
**HONDA GX240, 7.9HP**

### QPT305SLT



**3" Suction**  
**1" x 1" x 1.5" Discharge**  
**145 GPM Flow**  
**328' Head (142 psi)**  
**HONDA GX340, 10.7HP**

### QPT405SLT



**4" Suction**  
**3" x 3" x 4" Discharge**  
**163 GPM Flow**  
**377' Head (163 psi)**  
**HONDA GX390, 11.7HP**

**POWER:** Honda gasoline engine with automatic low oil alert and auto shutdown.  
Meets all EPA/CARB requirements.

**BRUSHED DIE CAST ALUMINUM PUMP BODY:** Compact, lightweight casing with precision tolerances for fast priming and the characteristics to withstand high pressure watering/dewatering demands.

**DISCHARGE MANIFOLD:** Unique, and flexible tri-discharge port design that easily adopts to multiple discharge hose diameters and flow orientation.

**VOLUTE/IMPELLER SYSTEM:** Combined open/enclosed impeller assembly that promotes consistent high pressure performance with minimal service requirements.

**PUMP AND ENGINE PROTECTION:** A rugged one inch steel tube roll cage surrounds and protects the unit during transportation and operation.

**MECHANICAL SEAL ASSEMBLY:** Made from Silicon/Tungsten carbon that tackles the requirements for high fit tolerances, operational heat and abrasion resistance. For operational longevity, the seal sleeve and pump shaft is (#303) stainless steel, with a Duracon BC liner ring.



QPT-Series pumps utilize a die-cast aluminum twin-enclosed impeller and volute assembly. This unique design provides the high pressure necessary to produce high heads and impressive water jetting distances.

**Multiquip Pumps are the industry standard for general watering/dewatering applications.** Their design and versatility provide exceptional performance, and operating efficiency. Precision engineering and tolerance specifications make these pumps the ideal choice for the demanding jobs found in construction, agriculture, municipal, and residential settings.

## QP2H



**2" Suction / 2" Discharge**  
**158 GPM Flow**  
**115' Head (50 psi)**  
**HONDA GX120, 3.5HP**

## QP303H



**3" Suction / 3" Discharge**  
**245 GPM Flow**  
**98' Head (42.4 psi)**  
**HONDA GX160, 4.8HP**

## QP402H



**4" Suction / 4" Discharge**  
**425 GPM Flow**  
**100' Head (43.3 psi)**  
**HONDA GX240, 7.9HP**

**POWER:** Honda gasoline engine with automatic low oil alert and auto shutdown. Meets all EPA/CARB requirements.

**BRUSHED DIE CAST ALUMINUM PUMP BODY:** Compact, lightweight casing with precision tolerances for fast priming and the characteristics to withstand high pressure watering/dewatering demands.

**DISCHARGE MANIFOLD:** Unique, and flexible tri-discharge port design that easily adopts to multiple discharge hose diameters and flow orientation.

**VOLUTE/IMPELLER SYSTEM:** Combined open/enclosed impeller assembly that promotes consistent high pressure performance with minimal service requirements.

**PUMP AND ENGINE PROTECTION:** A rugged one inch steel tube roll cage surrounds and protects the unit during transportation and operation.

**MECHANICAL SEAL ASSEMBLY:** Made from Silicon/Tungsten carbon that tackles the requirements for high fit tolerances, operational heat and abrasion resistance. For operational longevity, the seal sleeve and pump shaft is (#303) stainless steel, with a Duracon BC liner ring.



The mechanical seal system of all centrifugal pumps utilizes industrial grade silicon/tungsten carbon faces for resistance against abrasion and heat.

**Multiquip MQD-Series diaphragm pumps use a positive displacement design to effectively pump high viscosity liquids, sludge and heavily debris laden water.** Their simple reciprocating dynamics provide the force to operate in the toughest dewatering applications. MQD-Series pumps have excellent self-priming characteristics, offer dry running capabilities and are simple to operate and maintain.

## MQD2H



**2" Suction / 2" Discharge**  
**50 GPM Flow**  
**50' Head**  
**Moves up to 1 5/8" solids**  
**HONDA GX120, 3.5HP**

## MQD3H



**3" Suction / 3" Discharge**  
**90 GPM Flow**  
**50' Head**  
**Moves up to 1 5/8" solids**  
**HONDA GX340, 3.5HP**

**POWER:** Honda gasoline engine with automatic low oil alert and auto shutdown. Meets all EPA/CARB requirements.

**DIAPHRAGM:** Made from resilient Buna-n thermoplastic polymer that provides excellent oil and abrasion resistance. It supports temperatures to 180°.

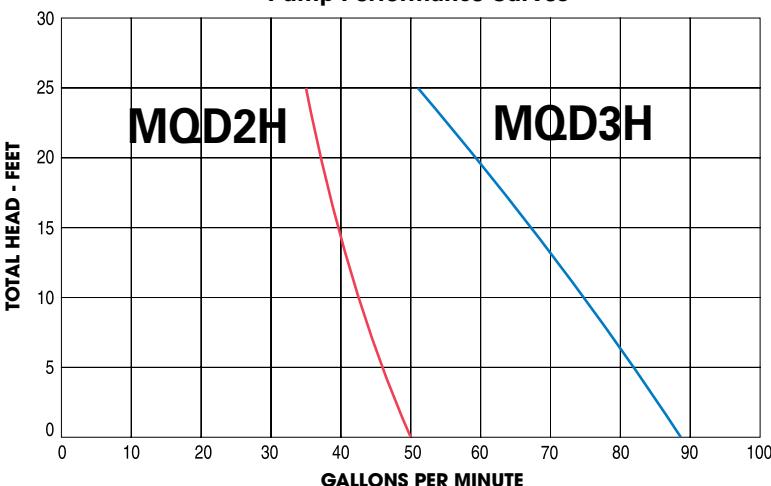
**CAST ALUMINUM PUMP BODY:** Compact, casing with easy access diaphragm chamber and clean-out bowl.

**PUMP DRIVE SYSTEM:** Output gear, internal spur gear, pinions, and support bearings provided with oil bath lubrication.

**SIMPLE MAINTENANCE DESIGN:** Quick access to the plunger arm and pump well is provided for ease of service.

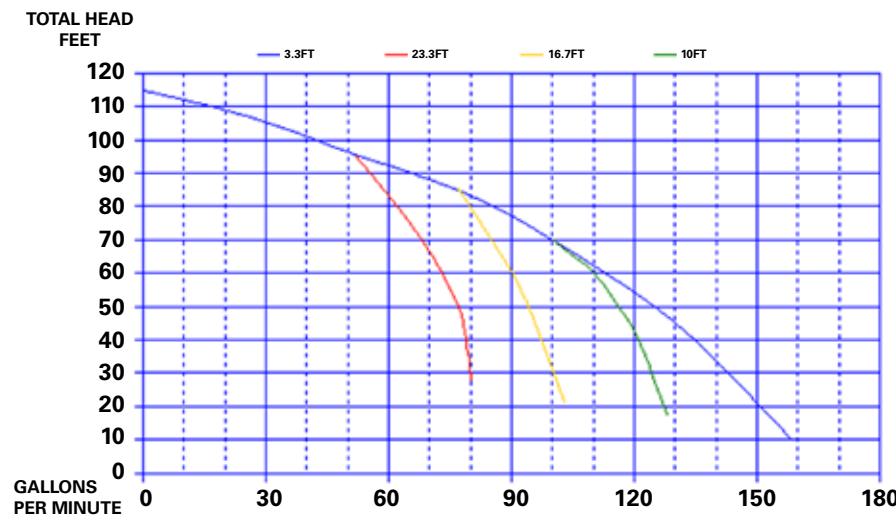
**TRANSPORTATION:** A condensed pump end design, ergonomic handle, and integrated wheel kit assembly provide easy movement and the ability for the pump to be quickly positioned into tight work areas.

Pump Performance Curves

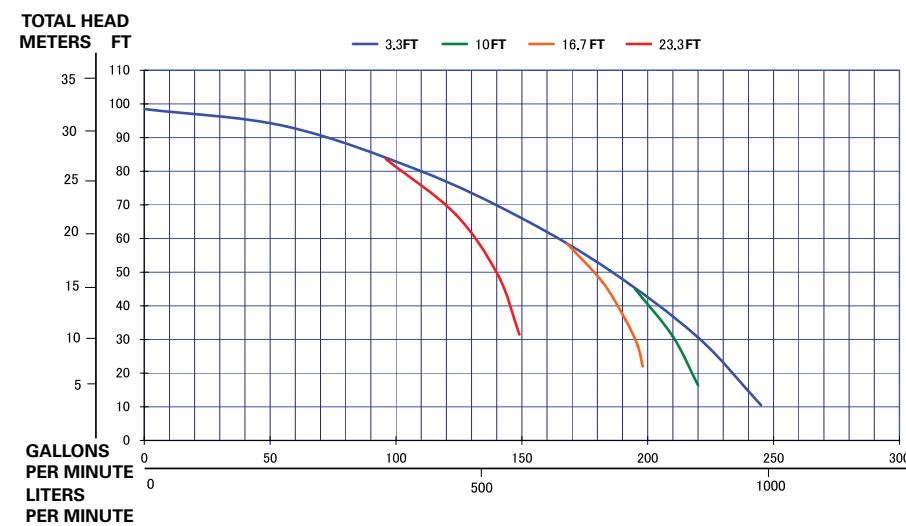


# PERFORMANCE CURVES

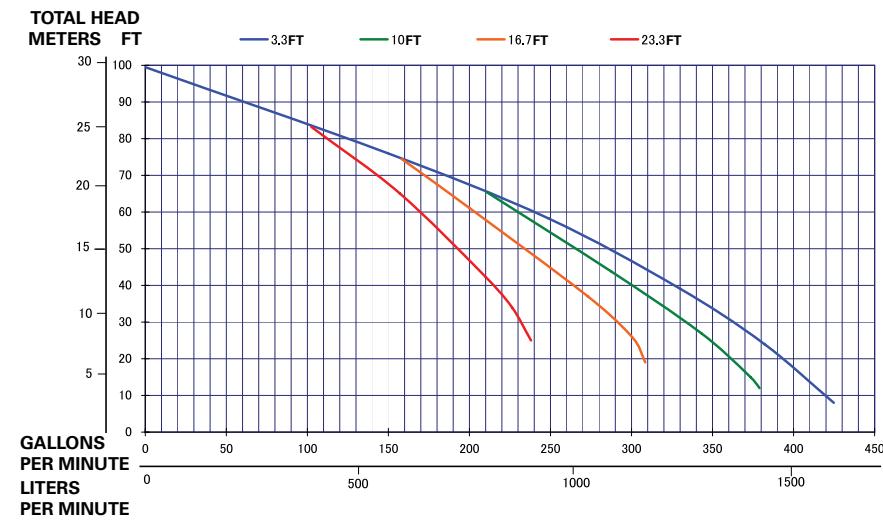
**QP2H**



**QP303H**

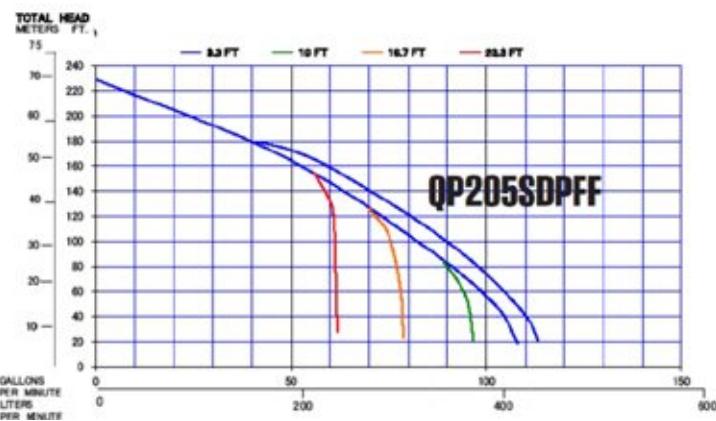


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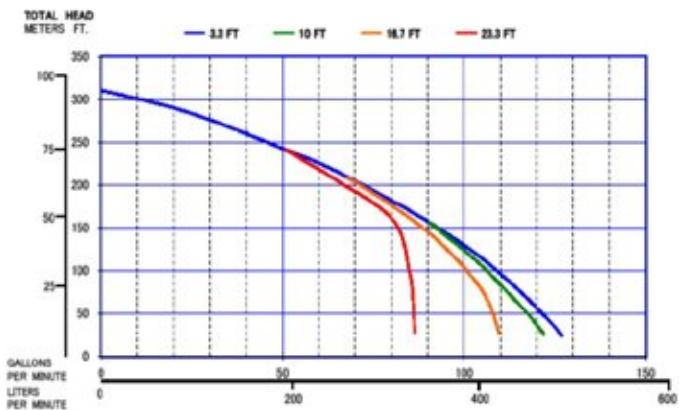


# PERFORMANCE CURVES

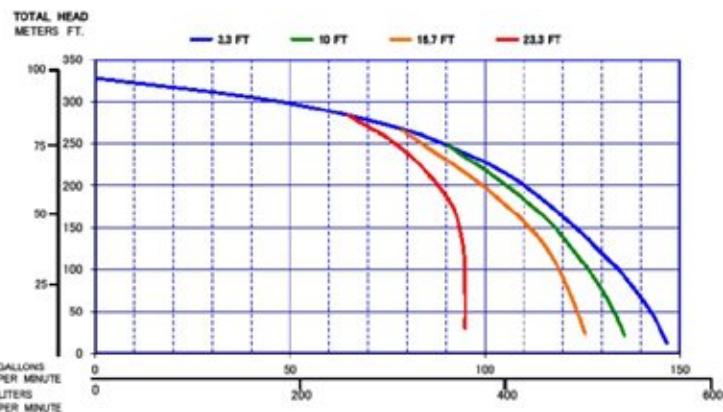
**QP205SH / QP205SDPFF**



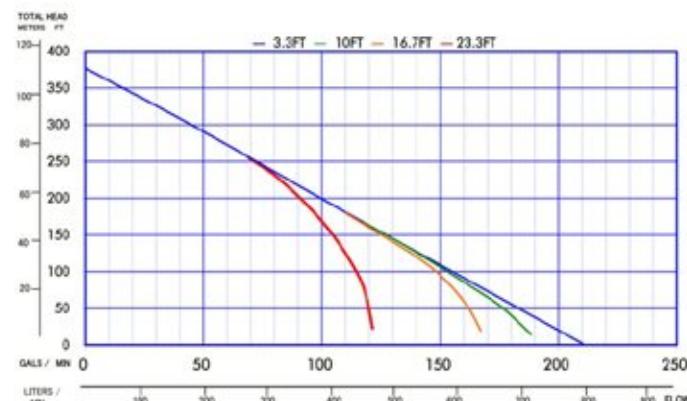
**QPT205SLT**



**QPT305SLT**



**QPT405SLT**



# SPECIFICATIONS

MODEL	SUCTION X DISCHARGE IN.	MAX CAPACITY GPM(lpm)	MAX LIFT FT. (m)	MAX HEAD FT. (m)	MAX PRESSURE PSI. (kPa)	MAX SOLIDS IN. (mm)	ENGINE	HP (kW)*	RPM	FUEL CAPACITY GAL. (l)	FUEL RATE GAL/HR	START METHOD	WHEEL KIT (OPTION)	DIMENSIONS IN. (mm)	DRY WEIGHT LBS. (kg)
CENTRIFUGAL PUMPS															
QP2H	2"x 2"	158 (598)	25 (7.6)	115 (35)	50 (345)	0.05 (13)	Honda GX120	3.5 (2.6)	3,600	0.7 (2.5)	0.26	Recoil	UWKB	27x18.3x20.3 (690x470x520)	53 (24)
QP303H	3"x 3"	245 (931)	25 (7.6)	98 (30)	42.4 (293)	0.75 (19)	Honda GX160	4.8 (3.6)	3,600	0.9 (3.6)	0.46	Recoil	UWKB	29x21.7x23 (730x550x590)	77 (35)
QP402H	4"x 4"	425 (1615)	25 (7.6)	100 (30)	43.3 (299)	1 (25)	Honda GX240	7.9 (5.9)	3,600	1.4 (5.3)	0.67	Recoil	UWK4	29x25x28 (730x640x715)	145 (65)
HIGH PRESSURE PUMPS															
QP205SH	2"x 1 ea. 1.5" / 2 ea. 1"	106 (401)	25 (7.6)	230 (29)	100 (690)	0.18 (6)	Honda GX160	4.8 (3.6)	3,600	0.9 (3.6)	0.46	Recoil	UWKB	20x15x16.5 (510x380x420)	64 (29)
QP205SDPFF	2"x 1 ea. 1.5" / 2 ea. 1"	119 (450)	25 (7.6)	197 (60)	85 (587)	0.18 (6)	Yanmar L70V6	6.4 (4.8)	3,600	0.9 (3.6)	0.42	Recoil	UWKB	26x18x26 (660x457x660)	120 (54)
QPT205SLT	2"x 1 ea. 1.5" / 2 ea. 1"	126 (479)	25 (7.6)	312 (95)	135 (932)	0.18 (6)	Honda GX240	7.9 (5.9)	3,600	1.4 (5.3)	0.67	Recoil	UWKB	25.2x18.9x23.2 (640x480x590)	99 (45)
QPT305SLT	3"x 1ea. 1.5" / 2 ea. 1"	145 (550)	25 (7.6)	328 (100)	142 (980)	0.18 (6)	Honda GX340	10.7 (8.0)	3,600	1.6 (6.0)	0.8	Recoil	UWKB	28x21x24 (710x50x605)	110 (50)
QPT405SLT	4"x 1ea. 4" / 2 ea. 3"	210 (795)	25 (7.6)	377 (115)	163 (1125)	0.18 (6)	Honda GX390	11.7 (8.7)	3,600	1.6 (6.0)	0.8	Recoil	UWK4	36x28x32 (955x750x955)	311 (141)
DIAPHRAGM PUMPS															
MQD2H	2"x 2"	50 (189)	25 (7.6)	50 (15)	n/a	1 (25)	Honda GX120	3.5 (2.6)	2,850	0.7 (2.5)	0.26	Recoil	INCLUDED	39x26x23 (1054x762x559)	125 (57)
MQD3H	3"x 3"	90 (342)	25 (7.6)	50 (15)	n/a	1.5 (38)	Honda GX120	3.5 (2.6)	2,850	0.7 (2.5)	0.26	Recoil	INCLUDED	42x30x22 (1054x762x559)	175 (79)

## 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 Hose	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 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.

Automatic Priming Pumps



**Environmentally friendly  
automatic priming pumps.**



## Multiquip ActivPrime

automatic priming pumps are the perfect choice to tackle demanding dewatering challenges such as sewage by-pass, general construction, emergency response, mining operations, and industrial applications.

- **Fuel efficient design** - The priming system, closed impeller, and high flow discharge valve provide 28 hours of operating time at 1,800 RPM / 39 hours at 1,600 RPM. A 50 gallon fuel tank features fuel gauge, strainer and locking fuel cap.
- **Heavy-duty support jack stands** - all trailer mounted pumps include (5) adjustable outrigger jack support stands.
- **Galvanized hose couplers** - 6" diameter ANSI suction and discharge Bauer hose fittings for secure hose operations.
- **Industrial battery** - heavy-duty 175 amp hour / 990 CCA. Mounted in a lockable frame.

### ActivPrime AP6 Series - 6" Trash Pump

#### Standard Features

- **Automatic dry priming & re-priming design** - utilizes efficient environmentally safe engine driven compressor/venturi priming system. The ActivPrime zero by-product venturi assembly has a lifetime warranty.
- **High efficiency dynamically balanced closed Impeller design** - made from strong 65-45-12 Ductile Iron with rear-equalizing vanes. Reduced axial loading improves performance and prolongs seal and bearing life.
- **Compact pump end** - hardy 3/4" Class 30 cast iron pump casing withstands pressures up to 195 psi. Shaft manufactured of 4340 alloy steel with 416 stainless steel shaft sleeve. Drive system requires no bearings, reducing failures and service requirements.
- **Grease lubricated mechanical seal** - simplifies service and provides positive lubrication of tungsten carbide rotating and silicon carbide stationary seal faces.
- **Pump body clean out ports** - multiple, convenient entry ports on the pump casing and discharge valve assembly permit easy service access.
- **EARTHSmart™ eco-friendly prime system** - the highly efficient dry-priming design utilizes an engine-driven compressor/venturi priming system to prevent 'blow-by' of waste and sewage by-product.



**APS6TB**

6" Trash Pump

Trailer mounted version shown

Maximum Flow - 2,300 GPM

Maximum Head - 110 feet

Maximum Solids - 3-inch



**High efficiency closed impeller design is dynamically balanced to facilitate increased flow. Requires no clearance adjustments.**



## ActivPrime AP6 Series - 6" Trash Pump Standard Features

- **Proven power plant** - a John Deere 4024T 4-cylinder diesel engine provides on demand power and fuel efficiency. This turbocharged, water cooled direct injected engine produces 49HP at 2,800 RPM.
- **Full control panel** - ensures accurate monitoring and safeguards during pumping operations. The following gauges and alarm devices are installed: engine oil pressure, tachometer high water temperature, hour meter, volt meter, battery charge lamp, and glow plug indicator.
- **Industrial DOT / NHTSA certified trailer**
  - ensures safe towing, surface stability, and long term support of the pump. Trailer includes electric brakes with break-away switch, lashing rings, four stabilizing stands and one top wind swivel jack.



## ActivPrime AP6 Series Automatic Start/Stop Option

Provides automatic control of pump system by starting or stopping the diesel engine in response to varying water levels via mechanical float switches. Additionally, audible and visual alerts signal engine restarting through a control panel alarm and beacon attachment.



**Optional AUTO Start/Stop System shown**  
Auto Controller  
Float Switch Assembly  
Telescopic beacon attachment

## ActivPrime AP6S-Series - 6" Silent Canopy Features

The AP6S-Series offers a fully enclosed, lockable sound suppression canopy. The flexible design provides for (6) locking-hinged doors, with (3) panels that allow unrestricted access to all compartments for servicing. The canopy is modular, and can be simply removed / re-installed.

- **Silent canopy** - provides superlative sound attenuation - 66 dB(A) at 23' - and is a sandwich construction of: an 18-gauge solid galvanneal shell, thick 2" wool fill at 8 pound density encapsulated in a 1-mil polyester moisture barrier, dampening sheet, and 22-gauge perforated galvanized steel inner liner.



**APS6S-Series**  
6" Trash Pump with Silent Canopy  
Noise Level – 66 dB(A) at 23 feet  
Maximum Flow - 2,300 GPM  
Maximum Head - 110 feet  
Maximum Solids – 3-inch



A rugged single cylinder, gear driven, water cooled compressor provides continuous 8.5 CFM air pressure. Compressor covered by 2 year warranty.



When tough pumping operations and demanding applications call for high flow, and larger debris laden fluid movement, the **AP8 Series** is the perfect choice. The powerful John Deere diesel engine and highly efficient priming and pump design offer superlative performance results.

### ActivPrime AP8 Series - 8" Trash Pump Standard Features

- **Automatic dry priming & re-priming design** - utilizes efficient environmentally safe engine driven compressor/venturi priming system. The ActivPrime zero by-product venturi assembly has a lifetime warranty.
- **High efficiency dynamically balanced closed Impeller design** - made from strong 65-45-12 Ductile Iron with rear-equalizing vanes. Reduced axial loading improves performance and prolongs seal and bearing life.
- **Compact pump end** - hardy 3/4" Class 30 cast iron pump casing withstands pressures up to 195 psi. Shaft manufactured of 4340 alloy steel with 416 stainless steel shaft sleeve. Drive system requires no bearings, reducing failures and service requirements.
- **Grease lubricated mechanical seal** - simplifies service and provides positive lubrication of tungsten carbide rotating and silicon carbide stationary seal faces.
- **Pump body clean out ports** - multiple, convenient entry ports on the pump casing and discharge valve assembly permit easy service access.
- **EARTHSmart™ eco-friendly prime system** - the highly efficient dry-priming design utilizes an engine-driven compressor/venturi priming system to prevent 'blow-by' of waste and sewage by-product.
- **Fuel efficient design** - The priming system, closed impeller, and high flow discharge valve provide 28 hours of operating time at 2,000 RPM. A 55 gallon fuel tank features fuel gauge, strainer and locking fuel cap.
- **Heavy-duty support jack stands** - all trailer mounted pumps include (5) adjustable outrigger jack support stands.
- **Galvanized hose couplers** - 8" diameter ANSI suction and discharge Bauer hose fittings for secure hose operations.
- **Industrial battery** - heavy-duty 175 amp hour / 990 CCA. Mounted in a lockable frame.



AP8TB

8" Trash Pump

Trailer mounted version shown

Maximum Flow - 2,700 GPM

Maximum Head - 213 feet

Maximum Solids – 4-inch

**Low friction, high flow, flapper valve supports optimum water discharge.**



## ActivPrime AP8 Series - 8" Trash Pump Standard Features

- **Proven power plant** - a John Deere 4024T 4-cylinder diesel engine provides on demand power and fuel efficiency. This turbocharged, water cooled direct injected engine produces 66HP at 2,800 RPM.
- **Full control panel** - ensures accurate monitoring and safeguards during pumping operations. The following gauges and alarm devices are installed: engine oil pressure, tachometer, high water temperature, hour meter, volt meter, battery charge lamp, and glow plug indicator.
- **Industrial DOT / NHTSA certified trailer** - ensures safe towing, surface stability, and long term support of the pump. Trailer includes electric brakes with break-away switch, lashing rings, four stabilizing stands and one top wind swivel jack.



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Provides automatic control of pump system by starting or stopping the diesel engine in response to varying water levels via mechanical float switches. Additionally, audible and visual alerts signal engine restarting through a control panel alarm and beacon attachment.



**Optional AUTO Start/Stop System shown**

Auto Controller

Float Switch Assembly

Telescopic beacon attachment

## ActivPrime AP8S-Series - 8" Silent Canopy Features

The AP8S-Series offers a fully enclosed, lockable sound suppression canopy. The flexible design provides for (6) locking-hinged doors, with (3) panels that allow unrestricted access to all compartments for servicing. The canopy is modular, and can be simply removed / re-installed.

- **Silent Canopy** - provides superlative sound attenuation - 66 dB(A) at 23' - and is a sandwich construction of: an 18-gauge solid galvanneal shell, thick 2" wool fill at 8 pound density encapsulated in a 1-mil polyester moisture barrier, dampening sheet, and 22-gauge perforated galvanized steel inner liner.



**AP8STB**

8" Trash Pump

Trailer mounted version shown

Maximum Flow - 2,700 GPM

Maximum Head - 213 feet

Maximum Solids – 4-inch



A hospital grade silencer  
muffler is standard.



**WHY is the EARTHSmart™ Dry-Priming System the best value in the industry?** The EARTHSmart™ priming design utilizes a trusted gear-driven compressor, venturi assembly, and simple air separtor chamber to provide an environmentally safe and highly efficient method of automatic priming and re-priming. This trusted design ensures absolutely zero sewage by-product discharge.

## EarthSmart™ System features

- Lessens the overall power requirements resulting in reduced component wear and operating costs.
- Utilize simple/efficient engine and gear driven compressor and venturi system providing minimal wear parts while eliminating any waste discharge.
- Handles large volumes of air, thus producing quicker priming times.



Venturi assembly is backed with lifetime warranty



Simple, rugged air separator chamber

## Accessories

Model	Description	Notes
<b>HBS610</b>	Suction Hose, 6" x 10'	Kanaflex - with Bauer coupler
<b>HBS810</b>	Suction Hose, 8" x 10'	Kanaflex - with Bauer coupler
<b>HBD625</b>	Discharge Hose, 6"x 25'	Flat PVC 60 psi. - with Bauer coupler
<b>HBD825</b>	Discharge Hose, 8"x 25'	Flat PVC 60 psi. - with Bauer coupler
<b>HBD625HP</b>	Discharge Hose, 6"x 25'	Flat PVC - High Pressure - 150 psi. with Bauer coupler
<b>HBD825HP</b>	Discharge Hose, 8"x 25'	Flat PVC - High Pressure - 150 psi. with Bauer coupler
<b>AP6AS</b>	Pump, Auto Start Asm.	Auto Start Panel - Only
<b>AP6ASF</b>	Pump, Auto Start Asm with floats	Auto Start Panel with Float Asm. - Complete
<b>AP6FS</b>	Pump, Float Switch Asm.	Float Switches - Only
<b>AP6B</b>	Hitch, Ball, 2", APTB Series	—
<b>AP6P</b>	Hitch, Pintle, 3", APTP Series	—
<b>AP6H</b>	Pump, Engine Block Heater	Standard 110 volt outlet
<b>AP6BC</b>	Pump, Battery Charger - 12 Volt	Standard 110 volt outlet
<b>AP6SBC</b>	Pump, Solar Battery Charger Kit	—
<b>AP6QDM</b>	Coupler, 6" Cam/Groove Male	Bolt-on flange, quick disconnect coupler
<b>AP6QDF</b>	Coupler, 6" Cam/Groove Female	Bolt-on flange, quick disconnect coupler
<b>AP8QDM</b>	Coupler, 8" Cam/Groove Male	Bolt-on flange, quick disconnect coupler
<b>AP8QDF</b>	Coupler, 8" Cam/Groove Female	Bolt-on flange, quick disconnect coupler



# ActivPrime Performance Curves

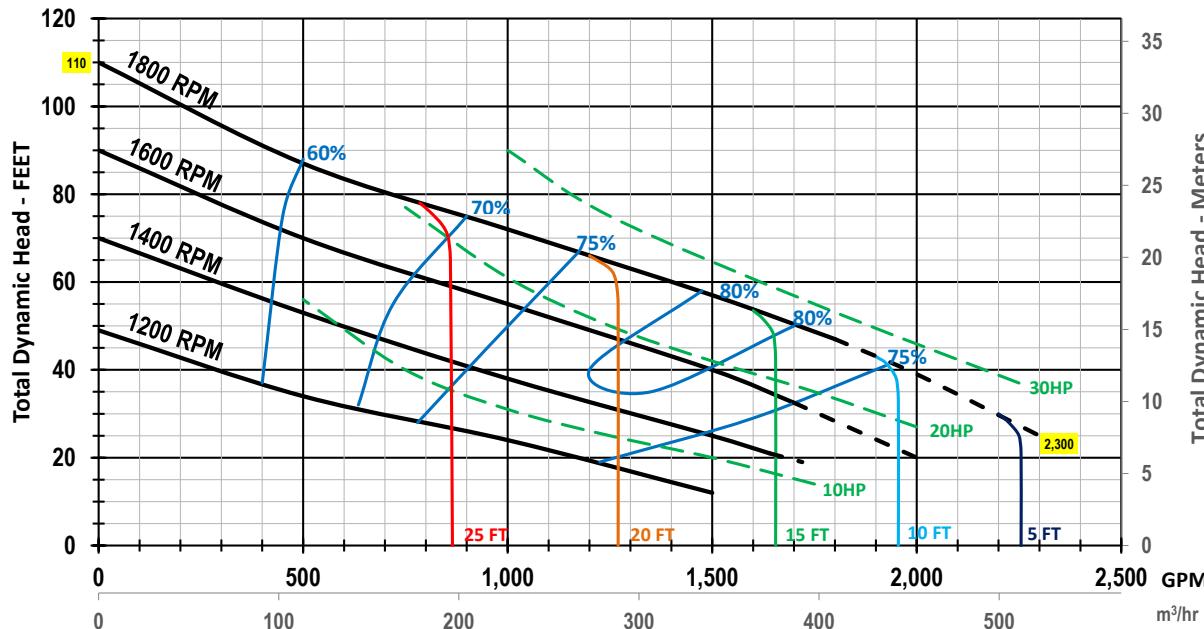
## AP6 Series

6" Trash Pump

Impeller Diameter: 10" (Enclosed)



**Hydraulic**  
INSTITUTE



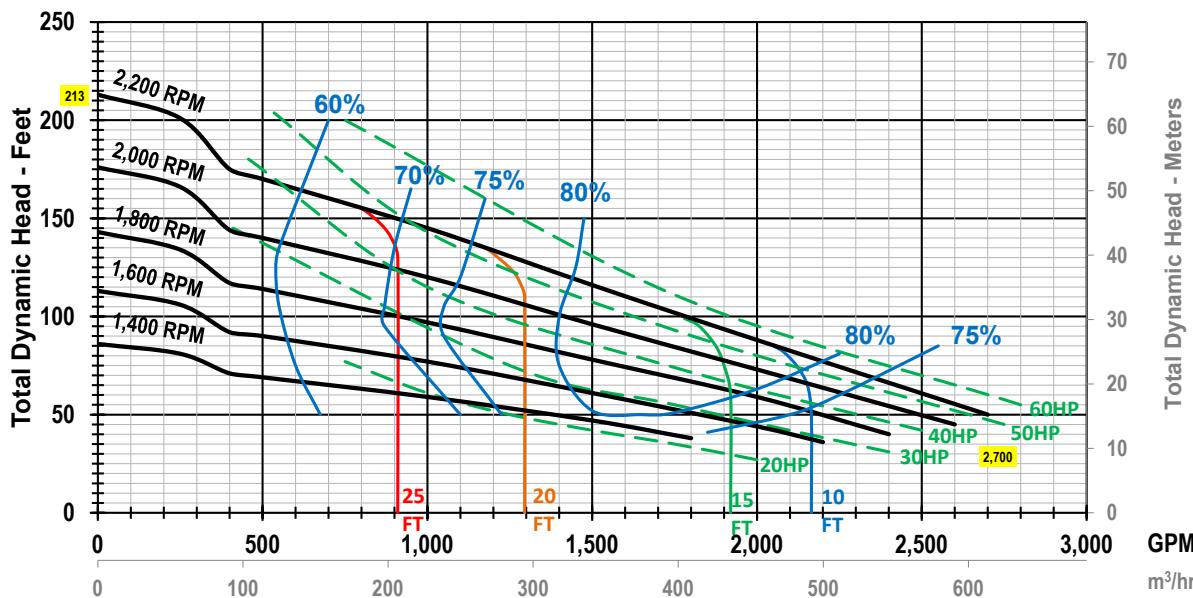
## AP8 Series

8" Trash Pump

Impeller Diameter: 11" (Enclosed)



**Hydraulic**  
INSTITUTE



# Specifications

## ActivPrime 6-inch Models

AP6 - SERIES 6" Pumps			Pump Performance			
Model	Features	Wt - lbs.	Max. Flow - GPM	2,300	Max. Solids- In	3
<b>AP6</b>	Skid Mounted, Std. Control Panel	2,915	<b>Max. Head - Ft</b>	110	<b>Max. Water Temp. - F°</b>	200
<b>AP6A</b>	Skid Mounted, AUTO Control Panel	2,915	<b>Max. Head - PSI</b>	47.6	<b>Max. Casing - PSI</b>	130
<b>AP6TB</b>	2 5/16" Ball Trailer, Std. Control Panel	3,665	<b>Suction Lift - Ft</b>	28	<b>Mechanical Seal</b>	Grease lubricated
<b>AP6TP</b>	3" Pintle Trailer, Std. Control Panel	3,665	Engine Performance			
<b>AP6ATB</b>	2 5/16" Ball Trailer, AUTO Control Panel	3,665	<b>Manufacturer</b>	John Deere	<b>EPA Tier</b>	Tier 4 Interim
<b>AP6ATP</b>	3" Pintle Trailer, AUTO Control Panel	3,665	<b>Type</b>	Turbo Diesel	<b>Fuel Capacity</b>	50 gallon
<b>AP6 - SERIES 6" Pumps - w/ Silent Canopy</b>			<b>Model</b>	4024TF-281-49	<b>Fuel Consumption</b>	1.75 GPH at 1,800 RPM
<b>AP6S</b>	Skid Mounted, Std. Control Panel	4,300	<b>Power</b>	49 HP @ 2,800 RPM	<b>Operating Time</b>	28 hours at 1,800 RPM
<b>AP6AS</b>	Skid Mounted, AUTO Control Panel	4,300	Priming System			
<b>AP6STB</b>	2 5/16" Ball Trailer, Std. Control Panel	4,950	<b>Compressor Type</b>	1-cylinder, gear-drive	<b>Compressor Output</b>	8.5 CFM
<b>AP6STP</b>	3" Pintle Trailer, Std. Control Panel	4,950				
<b>AP6SAB</b>	2 5/16" Ball Trailer, AUTO Control Panel	4,950				
<b>AP6SAP</b>	3" Pintle Trailer, AUTO Control Panel	4,950				

All models feature Bauer suction (socket) & discharge (ball) galvanized quick-disconnect couplers as standard

## ActivPrime 8-inch Models

AP8 - SERIES 8" Pumps			Pump Performance			
Model	Features	Wt - lbs.	Max. Flow - GPM	2,700	Max. Solids - In	4
<b>AP8</b>	Skid Mounted, Std. Control Panel	3,425	<b>Max. Head - Ft</b>	213	<b>Max. Water Temp. - F°</b>	200
<b>AP8A</b>	Skid Mounted, AUTO Control Panel	3,425	<b>Max. Head - PSI</b>	71.4	<b>Max. Casing - PSI</b>	130
<b>AP8TB</b>	2 5/16" Ball Trailer, Std. Control Panel	4,185	<b>Suction Lift - Ft</b>	28	<b>Mechanical Seal</b>	Grease lubricated
<b>AP8TP</b>	3" Pintle Trailer, Std. Control Panel	4,185	Engine Performance			
<b>AP8ATB</b>	2 5/16" Ball Trailer, AUTO Control Panel	4,185	<b>Engine Mfg.</b>	John Deere	<b>EPA Tier</b>	Tier 4 Interim
<b>AP8ATP</b>	3" Pintle Trailer, AUTO Control Panel	4,185	<b>Type</b>	Turbo Diesel	<b>Fuel Capacity</b>	75 gallon
<b>AP8 - SERIES 8" Pumps - w/ Silent Canopy</b>			<b>Model</b>	4024TF-290-74	<b>Fuel Consumption</b>	4.18 GPH at 2,000 RPM
<b>AP8S</b>	Skid Mounted, Std. Control Panel	5,037	<b>Power</b>	74 HP @ 2,400 RPM	<b>Operating Time</b>	28 hours at 2,000 RPM
<b>AP8AS</b>	Skid Mounted, AUTO Control Panel	5,037	Priming System			
<b>AP8STB</b>	2 5/16" Ball Trailer, Std. Control Panel	5,825	<b>Compressor Type</b>	1-cylinder, gear-drive	<b>Compressor Output</b>	8.5 CFM
<b>AP8STP</b>	3" Pintle Trailer, Std. Control Panel	5,825				
<b>AP8SAB</b>	2 5/16" Ball Trailer, AUTO Control Panel	5,875				
<b>AP8SAP</b>	3" Pintle Trailer, AUTO Control Panel	5,875				

All models feature Bauer suction (socket) & discharge (ball) galvanized quick-disconnect couplers as standard



# OPT3TI™ - TRASH PUMP



**The Only Compact, Intuitive  
Centrifugal Trash Pumping System**



# QP3Ti - TRASH PUMP

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.

- **Float switch controls** adapt to either drain (pump down) or fill (pump up) applications using provided float sensors and pump in *Auto/Standyby* 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.

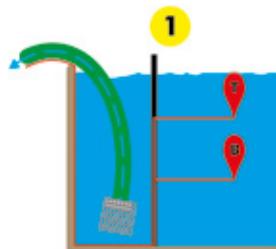


**QP3Ti**  
**396 GPM Flow**  
**95 Feet Head**  
**3" Suction/Discharge**

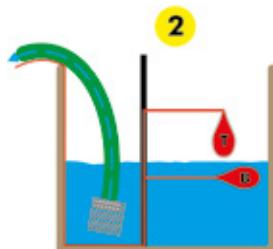
\*battery sold separately

## AUTO/STANDBY DRAIN OPERATIONS

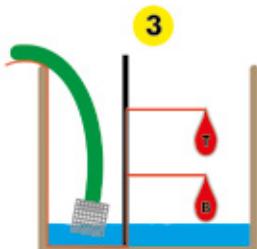
Locate float switches in suction source for **pump down** applications. The pump control panel must be set to *Auto/Standby* mode and set float switch control to drain mode.



Engine starts, pump 'primes', and water is drawn from the source into the pump and discharged.



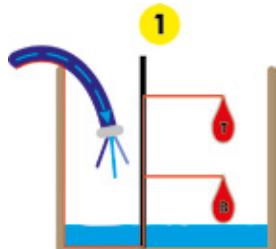
Water level falls below top float switch, pump continues discharging water.



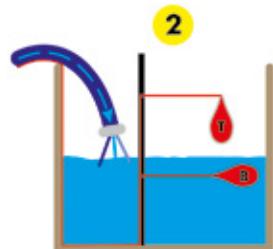
Water level falls below bottom float switch. Engine automatically shuts down and the pump goes into *Standby* mode.

## AUTO/STANDBY FILL OPERATIONS

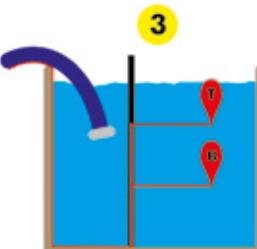
Locate float switches in discharge tank or basin for **pump up** applications. The pump control panel must be set to *Auto/Standby* mode and set float switch control to fill mode.



Engine starts, pump 'primes', and water is discharged from the pump into the tank or basin being filled.



Water level fills above the bottom float switch, pump continues discharging water into the tank or basin.



Water level causes both top and bottom float switches to rise. Engine automatically shuts down and the pump goes into *Standby* mode.

## *The intuitive trash pump choice!*



### Versatile, uncomplicated design

Pump end features dual discharge parts with NPT threads.

Operators will appreciate the intuitive control panel layout.

- **Industrial frame assembly** protects the pump and includes balanced lifting point
- **Display panel** includes hour meter, and LED lamps indicating operating status and troubleshooting alerts
- **Solid-state control box with ECU** provides constant load sensing capability
- **Rugged pump end** is shock mounted to isolate key components from vibration
- **Standard wheel kit** with folding handles facilitates movement on the job



# QP3Ti Specifications

## PUMP

Suction/Discharge ports	3 Inch ( 76 mm ) NPT
Max. Head	95 ft ( 29 m )
Max. Capacity (Flow)	396 GPM ( 1500 lpm )
Max. Suction Lift	25 ft ( 7.6 m )
Max. Solids	1.5 Inch ( 38 mm )
Starting System	Electric starting
Pump Housing	Aluminum die casting
Impeller	Ductile cast Iron
Inner case (volute)	Gray cast iron
Inlet/Outlets (NPT)	Gray cast iron
Mechanical Seal	Silicone x silicone tungsten carbon
Drain cover	Aluminum die casting
O-Rings	Nitrile butadiene rubber
Fittings	Stainless steel
Strainer	Steel

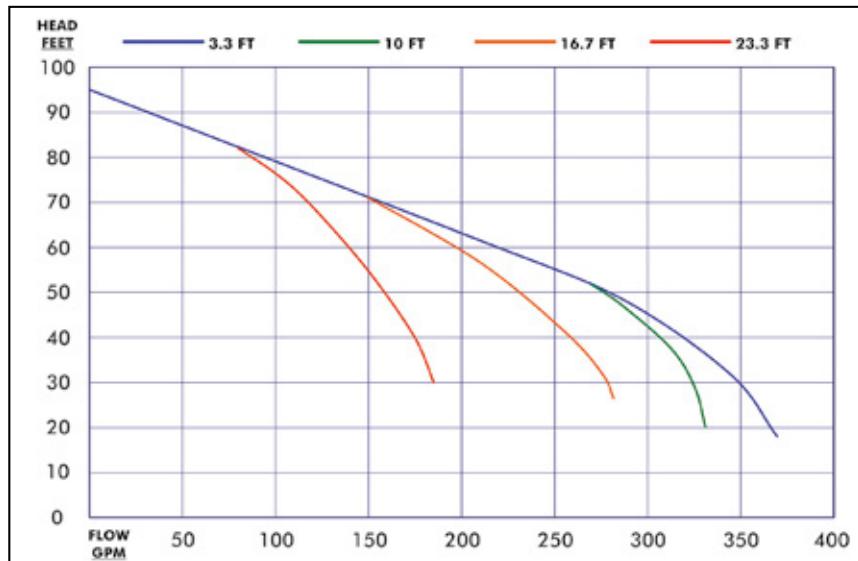
## ENGINE

Manufacturer	Honda
Model	iGX270UT2QZMD
Type	Air cooled 4-stroke OHC Gasoline
Horse power	8.5 HP (6.3 kW) / 3,600 RPM
Fuel consumption	0.63 gal/hr (2.4 L/hr)
Fuel tank capacity	1.4 gal (5.3 L)
Governor system	Electronic
Choke	Automatic

## DIMENSIONS

L x W x H (w/ handles extended)	40 x 27 x 30 inches (51 x 27 x 30 inches)
Dry weight	200 lbs. (91) kgs

## Performance Curve



**Sea Level**  
**SG of Fluid: 1.0**  
**Engine RPM: 3,600**  
**3" Suction / 3" Discharge**

## Accessories

<b>FS43</b>		Float switch assembly includes: (2) industrial mechanical float switches with 43' cord and 2-pin quick disconnect connectors
<b>FS65</b>		Float switch assembly includes: (2) industrial mechanical float switches with 65' cord and 2-pin quick disconnect connectors
<b>QP3BOX</b>		Steel utility box that attaches to tabs on the QP3Ti frame for float switch storage



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## VENTE • LOCATION • RÉPARATION

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**FOURNITURES INDUSTRIELLES  
ÉQUIPEMENTS DE LA CONSTRUCTION  
MOTEURS ÉLECTRIQUES  
AIR COMPRIMÉ  
POMPES ET ACCESSOIRES  
MANUTENTION ET EMBALLAGE  
MACHINERIE À BOIS ET À MÉTAL  
PRODUITS SANITAIRES  
ÉQUIPEMENT DE SÉCURITÉ**

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