

# **MQ MULTIQUIP®** **Dewatering Pumps**



**Proven  
Standard and  
High Pressure  
Centrifugal Pumps**

**Dependable  
Diaphragm Pumps**

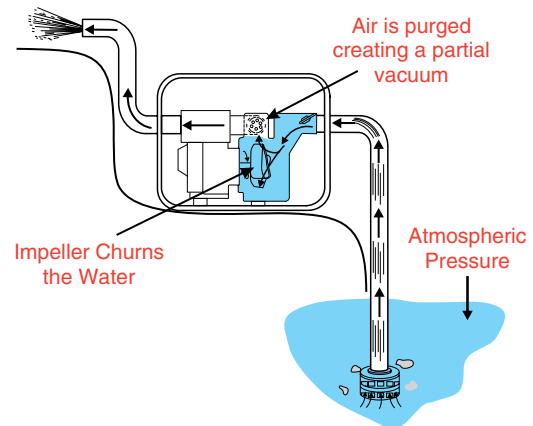




# Centrifugal Pumps

**Standard Centrifugal Pumps** are versatile pumps that provide an economical choice for general purpose clear water dewatering. The design uses a direct-mounted impeller to move water by creating a partial vacuum. The velocity of the rotating impeller pressurizes the water through the discharge outlet. These pumps are suitable for construction, municipal, agricultural, and residential applications and should be used in clear water with limited solids (**up to 10% volume of solids with MAX solid size of 1/4 of port diameters**).

**How It Works:** Centrifugal force created by the rotating impeller pushes water away from the eye; where pressure is the lowest, to the vane tips where pressure is the highest. The velocity of the rotating vanes pressurizes the water forced through the volute and discharged from the pump.



- **Self Priming Design:** Simply fill the casing with water and the pump is primed in seconds.
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength and easy handling.
- **Discharge Port:** 2" port easily rotated to 180° for hose orientation and operating convenience.
- **Power:** Trusted HONDA GX120 3.5HP gasoline engine with automatic Oil Alert low oil shutdown.
- **Volute/Impeller:** Designed with cast iron materials for abrasion resistance.
- **Mechanical Seal:** Silicon/Carbon materials for long life and abrasion resistance.
- **Cast Iron Ports:** For durability and are easily replaced if damaged.
- **Plastic Fill/Drain Plugs:** Non-corrosive connections between plugs and casting.
- **Tubular Steel Frame:** Rugged 1" diameter steel frame encases and help protects the pump end and engine.
- **Easy Maintenance:** Simple impeller/volute clean out.
- **Stainless Steel Hardware:** Minimizes corrosion adds to operating longevity.



**QP2H**  
2" Suction/Discharge  
158 GPM - 115' HEAD

Multiquip offers a full line of Pump Accessories (see page 5): Suction and Discharge Hoses and Hose End Couplers.



# Centrifugal Pumps



## QP303H

3" Suction/Discharge  
245 GPM - 98' HEAD

- **Power:** Trusted HONDA GX160 4.8HP gasoline engine with automatic Oil Alert low oil shutdown.
- **Discharge Port:** 3" port easily rotated to 180° for hose orientation and operating convenience.
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength and easy handling.
- **Volute/Impeller:** Designed with cast iron materials for abrasion resistance.
- **Mechanical Seal:** Silicon/Tungsten Carbon materials for long life and abrasion resistance.
- **Tubular Steel Frame:** Rugged 1" diameter steel frame encases and help protects the pump end and engine.
- **Compact, Mobile:** 77 lbs.

- **Power:** Trusted HONDA GX240 7.9HP gasoline engine with automatic Oil Alert low oil shutdown.
- **Discharge Port:** 4" port made from rugged cast iron, and can be easily replaced if damaged.
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength and easy handling.
- **Volute/Impeller:** Designed with cast iron materials for abrasion resistance.
- **Mechanical Seal:** Silicon/Tungsten Carbon materials for long life and abrasion resistance.
- **Tubular Steel Frame:** Rugged 1" diameter steel frame encases and help protects the pump end and engine.



## QP402H

4" Suction/Discharge  
425 GPM - 100' HEAD

Multiquip offers a full line of Pump Accessories (see page 5):  
Suction and Discharge Hoses and Hose End Couplers.



# Centrifugal Pumps - High Pressure

## Multiquip's High Pressure Pumps

represent top design and wide versatility when your jobs call for high pressure/high head watering/dewatering performance. All models provide a unique discharge port configuration: three diameter port options (one 1.5" diameter and two 1" diameter) ports. These models are ideal for Water Jetting, Irrigation, Dust Control, Water Wash, Agricultural Watering Support, and Fire Fighting. Additionally, these pumps meet the U.S. Coast Guard Standards (46 CFR Part 27) for portable fire fighting requirements.

## Applications

- Water Jetting.
- Irrigation.
- Agricultural Jobs.
- Dust Control.
- Water Trucks/Trailers.
- Water Main Testing.
- Fire Fighting - Home
- Fire Fighting U.S. Coast Guard Standard for portable fire fighting requirements. (46 CFR Part 27)

- **Power:** Trusted HONDA GX160 4.8HP gas engine with automatic Oil Alert low oil shutdown.
- **Impeller:** Die-Cast Aluminum, Closed Design for high pressure performance.
- **Mechanical Seal:** Silicon/Carbon materials for long life and abrasion resistance.
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength.
- **Discharge Port:** Unique, multi-discharge designed ports. One (1.5") and Two (1") manifold.
- **Compact, Mobile:** 64 lbs.



**QP205SH**  
2" Suction - 100 psi.  
106 GPM - 230' HEAD

## For Salt Water & Corrosive Liquids

- **Power:** YANMAR L70V6 Diesel 6.4HP engine.
- **Impeller:** Bronze Alloy Casting (BC6) to combat corrosive properties and Closed Design for high pressure performance.
- **Mechanical Seal:** Silicon/Carbon materials for long life and abrasion resistance.
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength.
- **Discharge Port:** Unique, multi-discharge designed ports (NPT). One (1.5") and Two (1") manifold.



**QP205SDPFF**  
2" Suction - 85 psi.  
119 GPM - 197' HEAD

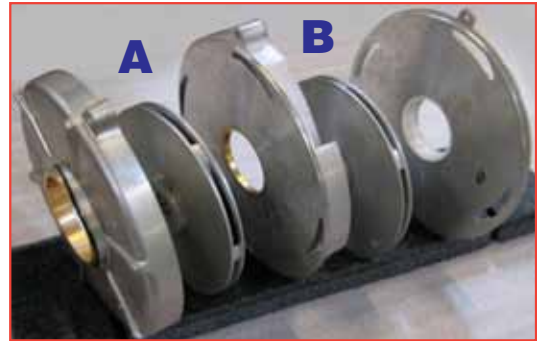
Multiquip offers a full line of Pump Accessories (see page 5): Suction and Discharge Hoses and Hose End Couplers.



# Centrifugal Pumps - High Pressure

## Twin-Closed Impeller Designed Pumps.

The QPT205SLT & QPT305SLT pumps utilize a distinctive Twin Aluminum Impellers (A & B) that are engineered to provide outstanding performance and easy service benefits. The design offers a maintenance advantage of longer service life, and eliminating the need for adjustment "shimming" of the impeller(s).



- **Power:** Trusted HONDA GX240 7.9HP gas engine with automatic Oil Alert low oil shutdown.
- **Impeller:** Die-Cast Aluminum, TWIN-CLOSED Impellers for high pressure performance.
- **Mechanical Seal:** Silicon/Tungsten Carbon materials for long life and abrasion resistance.
- **Liner Ring:** Duracon & BC
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength.
- **Discharge Port:** Unique, multi-design discharge ports. One (1.5") and Two (1") manifold.
- **Compact, Mobile:** 99 lbs.



**QPT205SLT**  
2" Suction - 135 psi.  
126 GPM - 312' HEAD

- **Power:** Trusted HONDA GX340 10.7HP gas engine with automatic Oil Alert low oil shutdown.
- **Impeller:** Die-Cast Aluminum, TWIN-CLOSED Impellers for high pressure performance.
- **Mechanical Seal:** Silicon/Tungsten Carbon materials for long life and abrasion resistance.
- **Liner Ring:** Duracon & BC
- **Die Cast Aluminum Body:** Lightweight, resilient pump body for strength.
- **Discharge Port:** Unique, multi-design discharge ports. One (1.5") and Two (1") manifold.



**QPT305SLT**  
3" Suction - 142 psi.  
145 GPM - 328' HEAD

Multiquip offers a full line of Pump Accessories (see page 5):  
Suction and Discharge Hoses and Hose End Couplers.



# Diaphragm Pumps and Accessories

**Multiquip's Positive Displacement Diaphragm Pumps** are extremely rugged job site workhorses ideal for slow see page application. They are perfect for muddy water, sludge, or any water with a high percentage of solids.

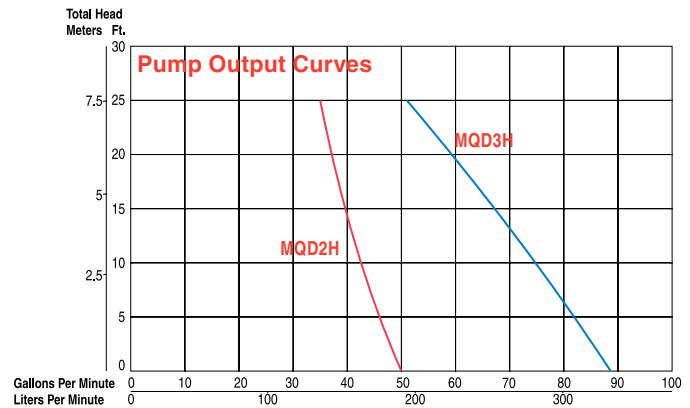


*\*Includes Wheel Kit*


**MQD2H**  
2" Suction/Discharge  
50 GPM - 50' HEAD

**MQD3H**  
3" Suction/Discharge  
90 GPM - 50' HEAD

- **Power:** Trusted HONDA GX120 3.5HP gas engine with automatic Oil Alert low oil shutdown.
- **Quick, Easy Priming**
- **Enclosed Gears:** with oil bathed lubrication.
- **Diaphragm:** Rugged Thermoplastic Rubber.
- **Solids:** Handles up to 1 5/8" solids.




## Multiquip Offers a Full Line of Dewatering Pump Accessories




**Suction Hoses**

- High quality PVC Hoses
- Rigid PVC Helix Reinforcement
- NPT Couplers (HS Series) and Quick Disconnect Coupler (HSQ Series) Assemblies Available.
- Hose diameter offered: 1 1/2", 2", 3", 4", and 6"



**Discharge Hoses**

- High quality Lay-Flat Hoses
- Synthetic Fiber Reinforcement
- NPT Couplers (HS Series) and Quick Disconnect Coupler (HDQ Series) Assemblies Available.
- Hose diameter offered: 1 1/2", 2", 3", 4", and 6"




**Q-D Couplers**

- High quality Aluminum Q-D Couplers: 2", 3", 4" and 6"



**Wheel Kit**

- Universal Kit w/Foam Filled Tires. Part# UWK4 for QP4T Pumps - Part# UWKA for 2"-4" Centrifugal, 2"-3" Trash and 2"-3" High Pressure.



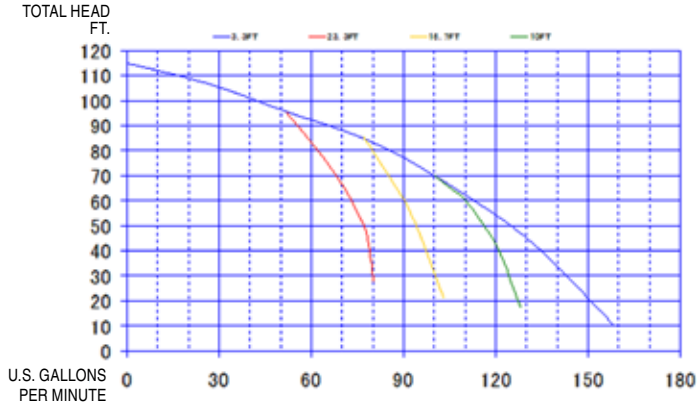
**Vacuum Tester**

- Pump Vacuum Gauge - 1 1/2" through 6" (Part# 7100031)

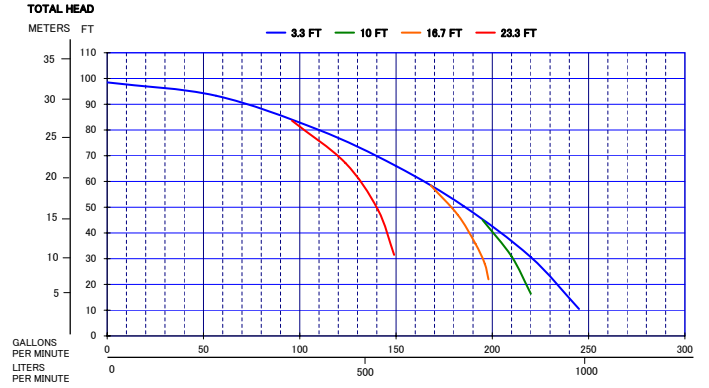


# Pump Output Curves

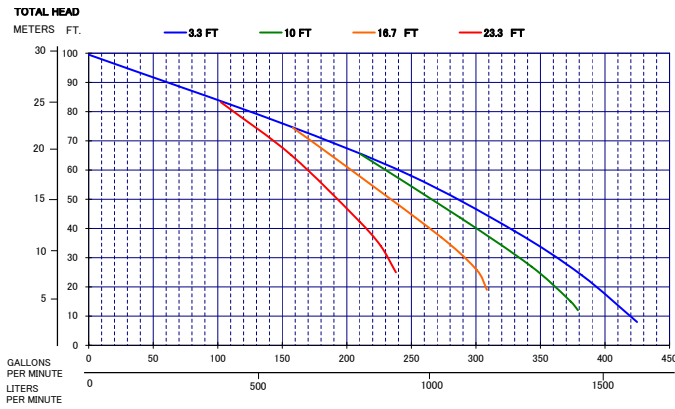
## QP2H



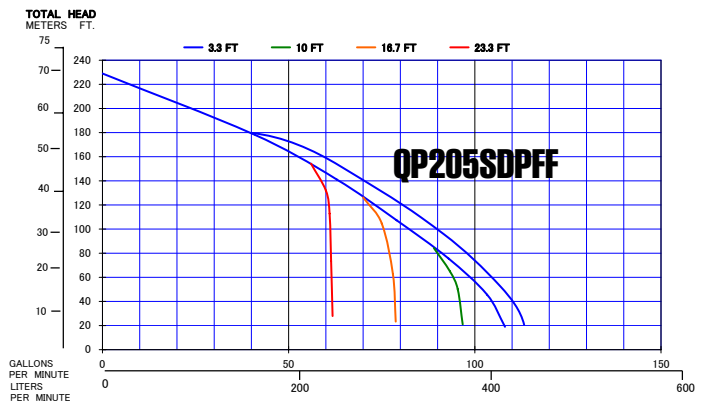
## QP303H



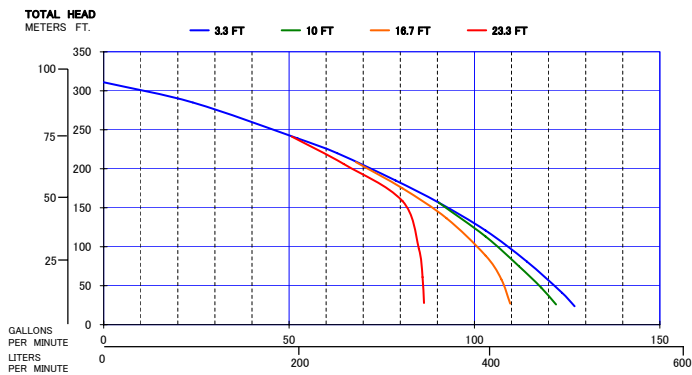
## QP402H



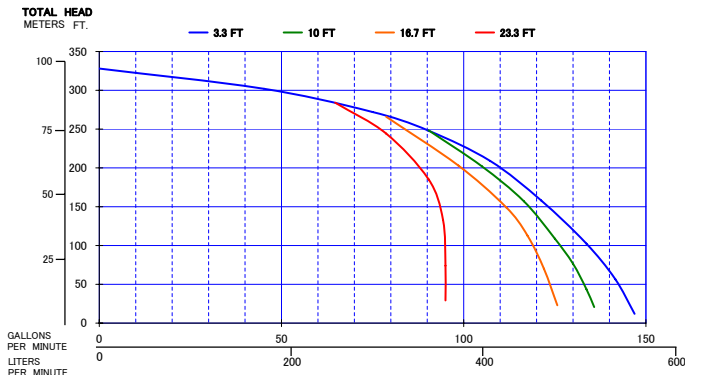
## QP205SH - QP205SDPFF



## QP205TSLT



## QP305SLT



# Dewatering Pump Specifications

Model	Suction x Discharge in (mm)	Max. Capacity gpm (l)	Max. Lift ft (m)	Max. Head ft (m)	Max. Press. psi (kPa)	Max. Solids in (mm)	Engine	HP (kW)*	RPM	Fuel Capacity Qt. (l)	Starting Method	Wheel Kit (option)	Dimensions LxWxH in (mm)	Dry Weight lb (kg)
<b>CENTRIFUGAL PUMPS</b>														
QP2H	2 x 2 (51 x 51)	158 (598)	25 (7.6)	115 (35)	50 (345)	0.5 (13)	Honda GX-120	3.5 (2.6)	3600	2.6 (2.5)	Recoil	UWKA	18.9x14.3x14.9 (480x363x378)	53 (24)
QP303H	3 x 3 (76 x 76)	245 (931)	25 (7.6)	98 (30)	42.4 (293)	0.75 (19)	Honda GX-160	4.8 (3.6)	3600	3.8 (3.6)	Recoil	UWKA	21.3x14.3x18.0 (540x360x450)	77 (35)
QP402H	4 x 4 (101 x 101)	425 (1615)	25 (7.6)	100 (30)	43.3 (299)	1.0 (25)	Honda GX-240	7.9 (5.9)	3600	6.3 (6)	Recoil	UWKA	30.0x19.0x24.3 (760x480x610)	145 (65)
<b>HIGH PRESSURE PUMPS</b>														
QP205SH	2 suc. x 1½x1x1 discharge (51 suc. x 38x25x25 dis.)	106 (401)	25 (7.6)	230 (70)	100 (690)	0.18 (6)	Honda GX-160	4.8 (3.6)	3600	3.8 (3.6)	Recoil	UWKA	20.0x15.0x16.5 (510x380x420)	64 (29)
QP205SDPFF	2 suc. x 1½x1x1 discharge (51 suc. x 38x25x25 dis.)	119 (450)	25 (7.6)	197 (60)	85 (587)	0.18 (6)	YANMAR L70V6	6.4 (4.8)	3600	3.8 (3.6)	Recoil	UWKA	26"x18"x26" (660x457x660)	120 (54)
QPT205SLT	2 suc. x 1½x1x1 discharge (51 suc. x 38x25x25 dis.)	126 (479)	25 (7.6)	312 (95)	135 (932)	0.18 (6)	Honda GX-240	7.9 (5.9)	3600	6.3 (6)	Recoil	UWKA	25.2x18.9x23.2 (640x480x590)	99 (45)
QPT305SLT	3 suc. x 1½x1x1 discharge (76 suc. x 38x25x25 dis.)	145 (550)	25 (7.6)	328 (100)	142 (980)	0.18 (6)	Honda GX-340	10.7 (8.0)	3600	6.3 (6)	Recoil	UWKA	28.0x20.5x23.8 (710x520x605)	110 (50)
<b>DIAPHRAGM PUMPS</b>														
MQD2H	2 x 2 (51 x 51)	50 (189)	25 (7.6)	50 (15)	x	1.0 (25)	Honda GX-120	3.5 (2.6)	2800	2.6 (2.5)	Recoil	Included	39x26x23 (1054x762x559)	125 (57)
MQD3H	3 x 3 (76 x 76)	90 (342)	25 (7.6)	50 (15)	x	1.5 (38)	Honda GX-120	3.5 (2.6)	2800	2.6 (2.5)	Recoil	Included	41.5x30.0x22.0 (1054x762x559)	175 (79)

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

**Your Multiquip dealer is:**



**MULTIQUIP INC.**  
 POST OFFICE BOX 6254  
 CARSON, CA 90749  
 310-537-3700 • 800-421-1244  
 FAX: 310-537-3927  
 E-MAIL: mq@multiquip.com  
 www.multiquip.com