

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.

HIGH PRESSURE PUMPS

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 adapts 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 adapts 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°.

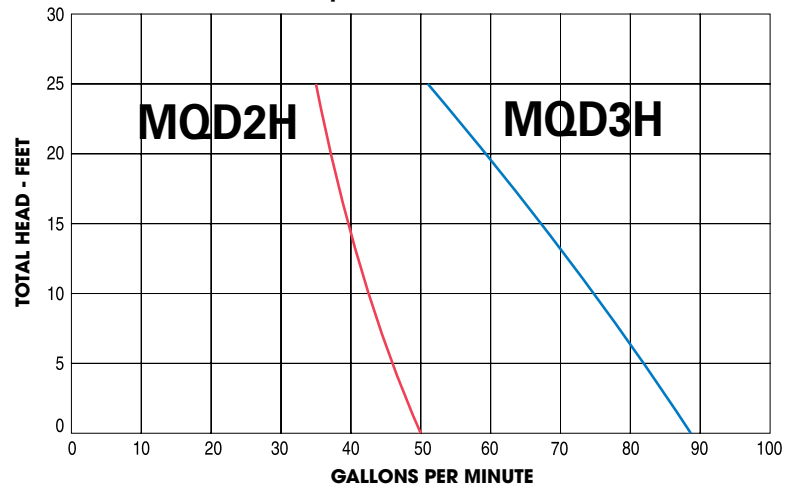
CAST ALUMINUM PUMP BODY: Compact, casing with easy access diaphragm chamber and clean-out bowl.

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.

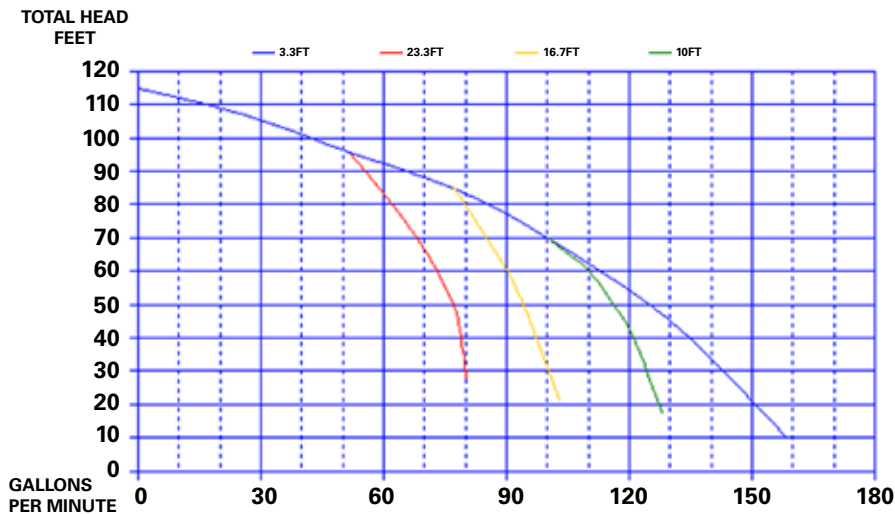
TRANSPORTATION: A condensed pump end design, ergonomic handle, and integrated wheel kit assembly provide easy movement and the ability for the pump to be quickly positioned into tight work areas.

Pump Performance Curves

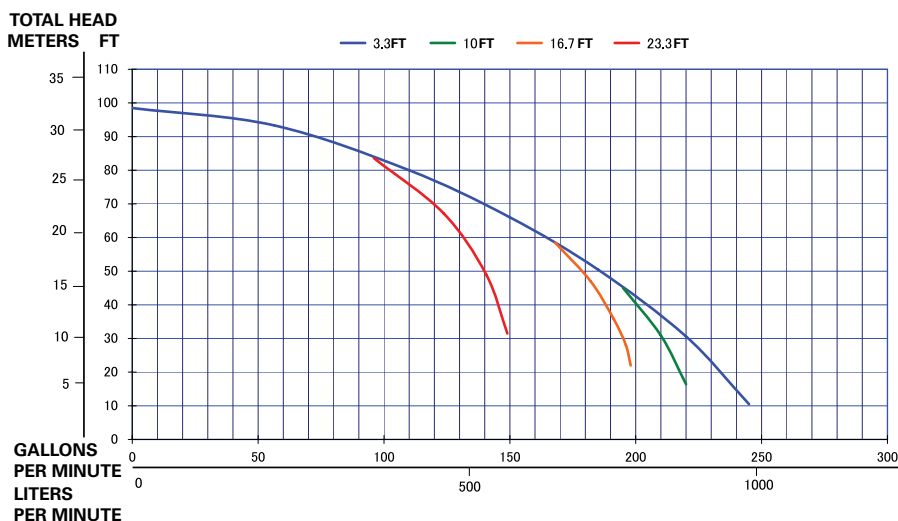


PERFORMANCE CURVES

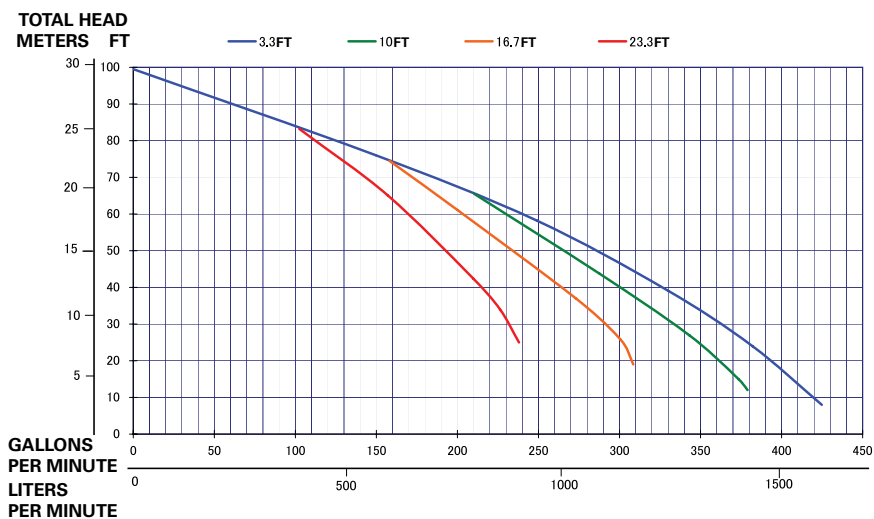
QP2H



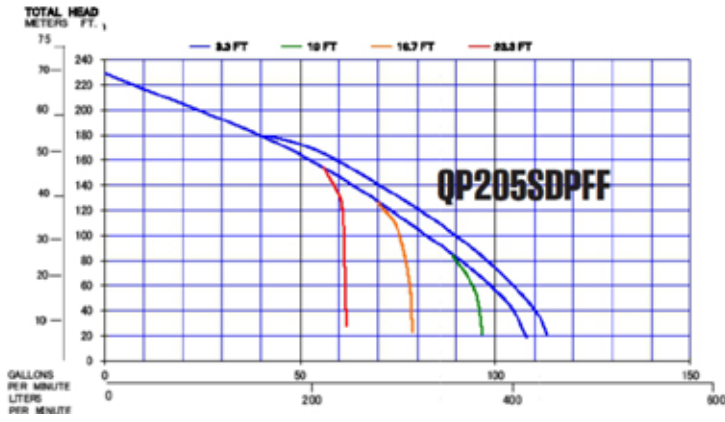
QP303H



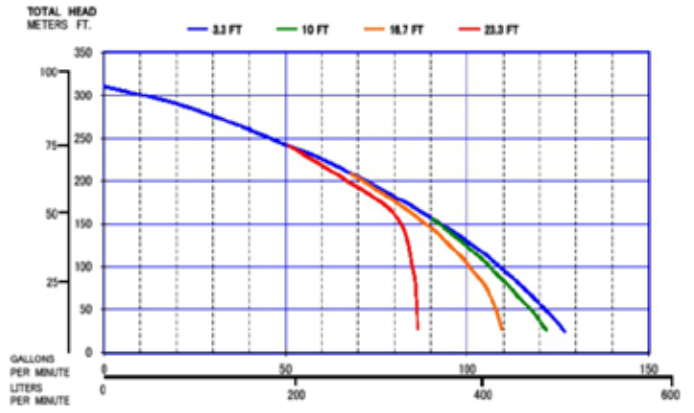
QP402H



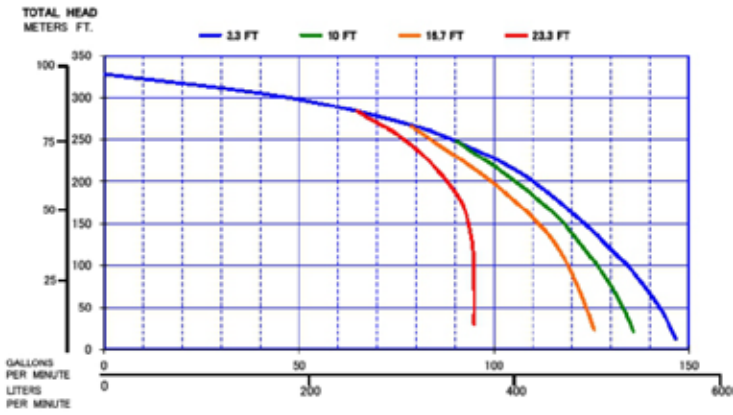
QP205SH / QP205SDPFF



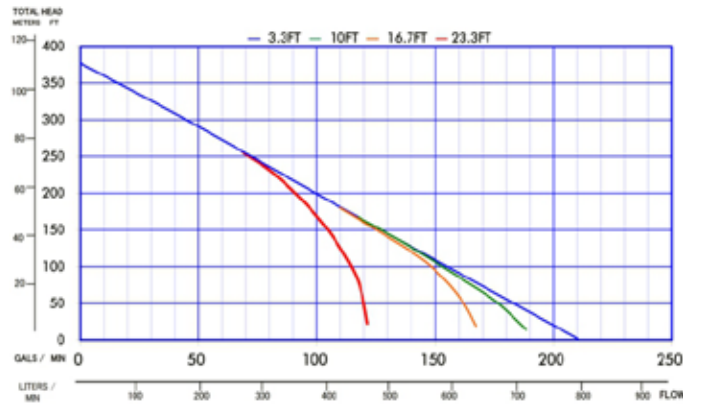
QPT205SLT



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 1 ea. 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 1 ea. 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															
MOD2H	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)
MOD3H	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.

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All features and specifications are subject to change without notice. Rev. (1/2015)

