



MULTIQUIP



Dry Prime High Flow Pumps



**Multi-purpose high flow pump
primes dry to 30 feet in seconds**

Construction Starts Here

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Dry Prime High Flow Pumps



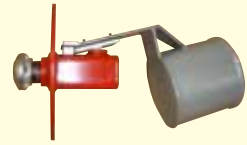
Backflush Valve — open valve to clean suction strainer of backflush wellpoints.

Pump volute is ASTM A-48 class 30 grey iron and has a cover to inspect or clear impeller.

Combination one-piece right angle drive bearing-seal housing with separate oil reservoirs.



Direct right angle drive, liquid ring vacuum pump with closed water system and only one moving part. Separate oil bath for seal; can run without water with no damage. No pollution; no unwanted discharge; quiet operation.



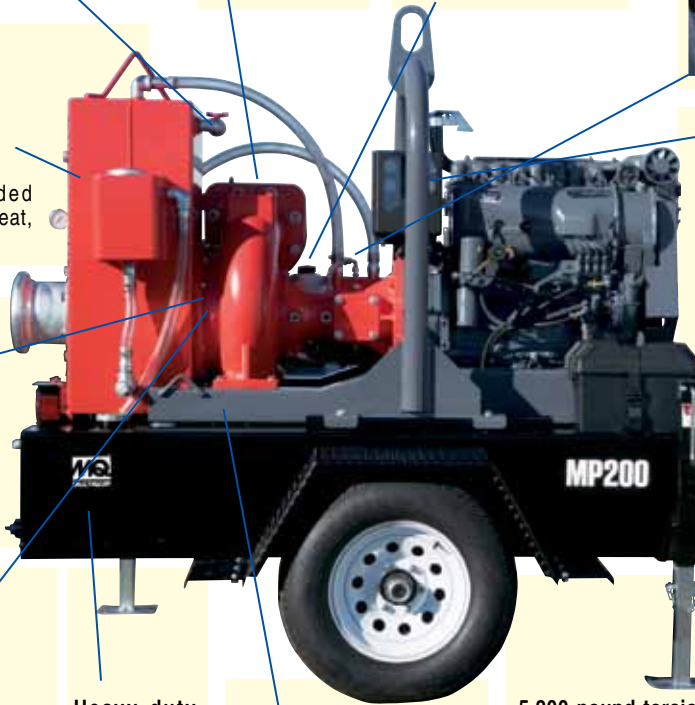
Float is one piece welded construction, rubber valve seat, self-aligning rubber hinge.



Impeller — two-blade spiral flow anti-cavitation, non-clog, solids-handling with fully adjustable front wear plate.



Adjustable front wear plate eliminates replacing wear parts.



Heavy duty fuel tank holds 150 gallons.

Rubber mounted sub frame for low vibration.

5,200 pound torsion flex axle. 15" tires and available with electric or surge brakes.



LOFA control panel with full gauges and shut-downs for low oil pressure, high temperature and fan belt failure. Starter switch with no key; no Murphy button needed. Lockable vandal cover.

Removable, retractable tongue minimizes shipping and storage size. Adjustable ball or pintle hitch.



Heavy duty fenders, axle, and jack stands standard.

Why Dry Prime?

Multiquip's Dry Prime Pump is a true multi-purpose pump that can handle de-watering, sewer by-pass, and wellpoint applications with a single pump design. Special attention was paid to the feedback given by pumping contractors, municipalities, and rental operators of what was needed in a prime-assist pump. This feedback included the following points:

- Durability
- Long run times
- Easy servicing while minimizing service requirements
- Efficient pump performance
- Good fuel economy

The Dry Prime series of high flow pumps fulfills these requirements.



This 8" pump was reduced to 6" hose on a long term rental of construction site dewatering. It outperformed the 6" pump it replaced, and also used less fuel.



Dry Prime High Flow Pumps

There are many reasons to buy Dry Prime High Flow Pumps...

- **3 models:** high-flow 6", 8", and high-flow 8", (150, 200 mm)
- **Primes dry:** up to a 30 ft. (9.1 meters) lift in 30 seconds and can run dry
- **Multi-purpose:** pumps trash, sewage, sludge, and runs wellpoints systems
- **Easy to use and tow:** Turn the key and start pumping, up to 72 hours run time
- **High performance:** from 2,500 GPM to 3,500 GPM, up to 135 ft. heads (flows of 9.4 to 13.2 m³/m, heads up to 41 meters)
- **Low maintenance:** Oil bath mechanical seal, direct drive vacuum pump (no belts)
- **No pollution:** Water lube vacuum pump (no oil leaks), no unwanted priming system discharge
- **Reliable and dependable:** Fool proof priming, abrasion resistant pump, no cavitation

MP150S — Size: 6" High-flow

Max Flow: 2,500 GPM (9.4 m³/m)

Max Head: 122 ft. (37m)

The MP150HD is the perfect size for general dewatering, rental fleets or for wellpoints. Good performance for the investment, excellent fuel economy.

MP200S — Size: 8" High-flow

Max Flow: 3,500 GPM (13.2 m³/m)

Max Head: 135 ft. (41m)

The MP200HD is the best combination of size, performance, and efficiency. This performance is only seen on competitive pumps using more horsepower, excellent fuel savings can be recognized with the 8" high-flow.

MP200 — Size: 8"

Max Flow: 2,700 GPM (10.2 m³/m)

Max Head: 122 ft. (37m)

The MP200D can be used to replace your old worn out 8" pumps and utilize the stock piping you may have. A solid performer for many of your applications, a favorite of municipalities.





Dry Prime High Flow Pumps

Model	Engine	HP (kW)*	RPM	Max. Flow GPM (m ³ /min.)	Max. Head ft. (m)	Max. Solids in. (mm)	Suction Lift in. (mm)	Net Fuel Capacity gal. (l)**	Sound Press. dBA	Run Time Hrs.	Dry Wt. lb., (kg)
MP150SDLSM	Deutz F3L914	43 (32)	1800	2500 (9.4)	122 (37)	3.2 (81.2)	30 (9.1)	125 (475)	74	56	3750 (1700)
MP150SDLTE	Deutz F3L914	43 (32)	1800	2500 (9.4)	122 (37)	3.2 (81.2)	30 (9.1)	125 (475)	74	56	3900 (1769)
MP150SDLTS	Deutz F3L914	43 (32)	1800	2500 (9.4)	122 (37)	3.2 (81.2)	30 (9.1)	125 (475)	74	56	3900 (1769)
MP200DLSM	Deutz F3L914	43 (32)	1800	2700 (10.2)	122 (37)	3.2 (81.2)	25 (7.8)	125 (475)	74	56	3800 (1723)
MP200DLTE	Deutz F3L914	43 (32)	1800	2700 (10.2)	122 (37)	3.2 (81.2)	25 (7.8)	125 (475)	74	56	3950 (1791)
MP200DLSM	Deutz F3L914	43 (32)	1800	2700 (10.2)	122 (37)	3.2 (81.2)	25 (7.8)	125 (475)	74	56	3950 (1791)
MP200SDLSM	Deutz F4L914	60 (48)	1800	3500 (13.2)	135 (41)	3.6 (91.4)	25 (7.8)	125 (475)	76	41	3960 (1796)
MP200SDLTE	Deutz F4L914	60 (48)	1800	3500 (13.2)	135 (41)	3.6 (91.4)	25 (7.8)	125 (475)	76	41	4110 (1863)
MP200SDLTS	Deutz F4L914	60 (48)	1800	3500 (13.2)	135 (41)	3.6 (91.4)	25 (7.8)	125 (475)	76	41	4110 (1863)

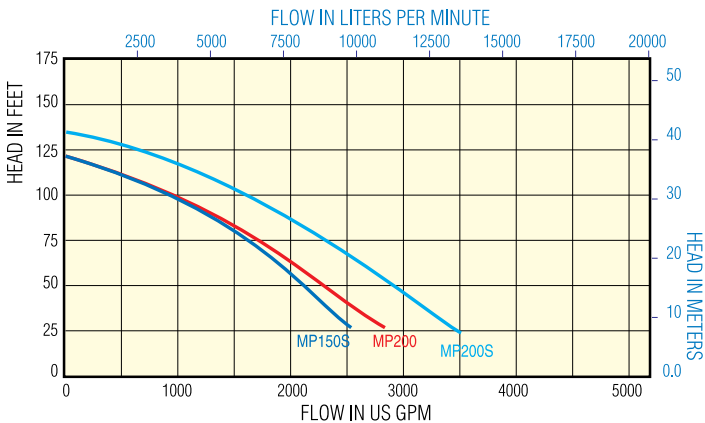
** Fuel tank capacity is 150 gallons; minimum net usable is 125 gallons.

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STANDARD EQUIPMENT

- Direct drive 60 CFM vacuum pump
- Balanced lifting bale
- 1¼" fuel drains with ¼" (6 mm) fuel test drains in corners of fuel tank for contamination or water
- Drain valves in pump and priming system for freezing
- 3" (80 mm) fuel cap
- Complete engine gauges and hour meter, adjustable engine speed control
- Bauer style (Wil-loc) suction and discharge fittings
- LOFA Panel with shut down indicator lights, lockable vandal cover, Maximum RPM limiter

PERFORMANCE CURVES



* 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.

Pumps manufactured in USA, ex-works Boise, Idaho
 All features and specifications are subject to change without notice.
 MQDRYPRI-366 Rev. B (10-08)

OPTIONS

- Trailer-mounts (as shown in specifications above):
 - Model suffix ...DLTE — **Electric Brakes:** Torsion flex axle 5200 pound capacity with 2½" ball hitch or pintle ring; heavy duty steel plate fenders; two adjustable jack stands — 4000 pound each capacity
 - Model suffix ...DLTS — **Surge (hydraulic) Brakes:** Torsion flex axle 5200 pound capacity with 2½" ball hitch or pintle ring; heavy duty steel plate fenders; two adjustable jack stands — 4000 pound each capacity
- Model 17456: Auto-start system for level control, LOFA digital automatic diesel engine control panel with vandal door (requires 17458 floats).
- Model 17458: Dual bulb floats (one bulb for engine turn-on, the other for engine shut-down), with 40 foot cable.
- Suction Strainer (Wil-loc):
 - Model 316SBTSA6C: 6" Strainer
 - Model 316SBTSA8C: 8" Strainer
- Model 17282 Extra jack stand 4,000 lb capacity (note: 2 each jack stands come standard with the pump)
- Model 17462 Fuel Cap-Locking with keys (note: requires 2 each per pump)



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