

# OPERATION AND PARTS MANUAL



## **MODEL QP4TZ TRASH PUMP (HATZ 1B40U-2230F DIESEL ENGINE)**

Revision #3 (08/14/14)

To find the latest revision of this  
publication, visit our website at:  
[www.multiquip.com](http://www.multiquip.com)



**THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.**

# SPECIFICATIONS (PUMP)

Table 1. Specifications (Pump)		
<b>Pump</b>	<b>Model</b>	<b>QP4TZ</b>
	Type	Trash Pump
	Suction	4.0 in. (100 mm.)
	Discharge Size	4.0 in. (100 mm.)
	Maximum Pumping Capacity	526 gallons/minute (2,000 liters/minute)
	Max. Solids Diameter	1.25 in. (31.75 mm)
	Max. Head	85 ft. (26.0 m)
	Max. Lift	25 ft. (7.62 m)
	Max. Pressure	36.8 psi (253 kPa)
<b>Dry Net Weight</b>		274 lbs. (124 Kg.)

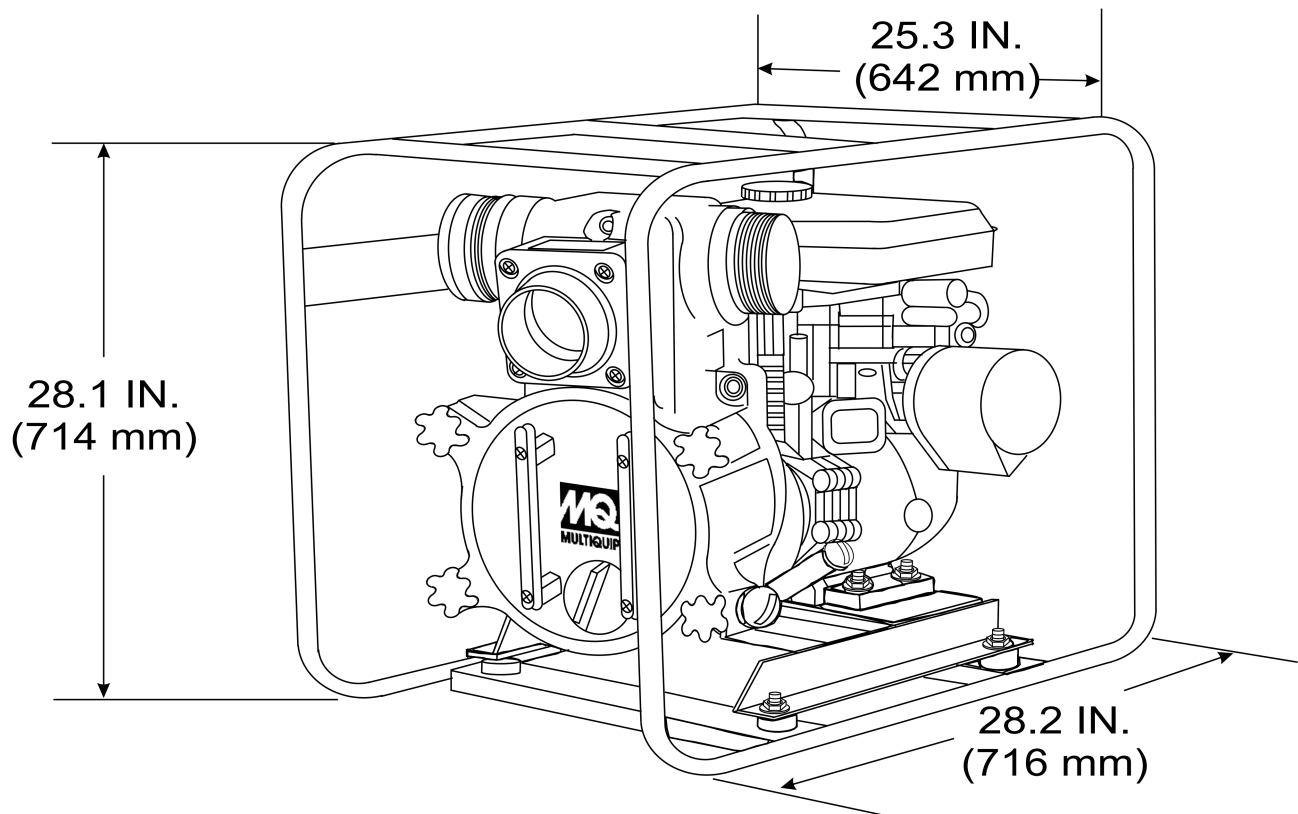
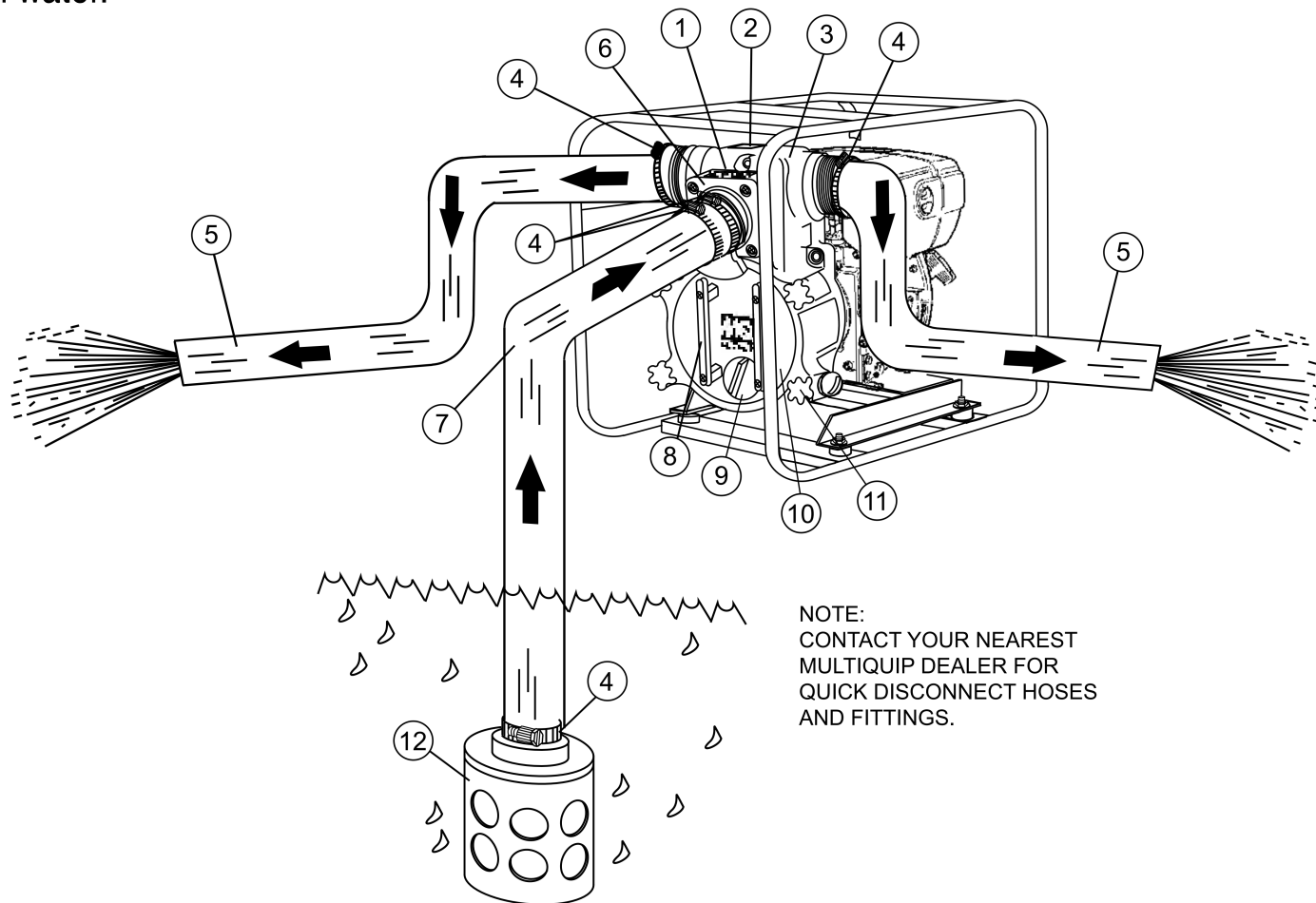


Figure 1. QP4TZ Dimensions

## PUMP COMPONENTS

Figure 3 shows a typical application using the QP4TZ centrifugal pump. Please note that this pump is intended for the removal of clean water.



**Figure 3. QP4TZ Pump Application**

1. **Pump** — The model QP4TZ is a 4-inch trash pump used in general dewatering applications. Typical dewatering applications consist of manholes, septic tanks, fast and slow seepage ditch water, silt water, mud water and muck water.
2. **Fill Cap** — Prior to operation, the pump casing should be filled with water. Remove this cap to add water to the pump. After the initial prime, a sufficient amount of water will be retained in the casing so that the operator will not need to re-prime later.
3. **Discharge Port** — Connect a 4-inch discharge hose to this port.
4. **Worm Clamp** — Used to secure the hose to the inlet and outlet ports on the pump. Use two clamps to secure the hose on the inlet side of the pump.
5. **Discharge Hose** — Connect a flexible rubber hose to the discharge port on the pump. Make sure that the hose lays flat and is not kinked. Use only recommended type discharge hose. Contact Multiquip Parts Department for ordering information.
6. **Suction Port** — Connect a 4-inch inlet hose to this port. Use two worm clamps to secure the hose.
7. **Suction Hose** — Connect this flexible rubber hose to the suction port on the pump. Make sure that the hose lays flat and is not kinked. Use only recommended type suction hose. Contact Multiquip parts department for ordering information.
8. **Clean-out Cover Handles** — To gain access to the pump's clean-out area, grip both handles, then pull to remove cover. Make sure both locking knobs have been released before attempting to remove clean-out cover.
9. **Drain Plug** — Remove this plug to drain water from the pump.
10. **Clean-out Cover** — Remove cover to gain access to the clean-out area.
11. **Locking Knobs** — Turn both knobs clockwise to secure clean-out cover, turn counter-clockwise to release cover.
12. **Strainer** — Always attach a strainer to bottom side of the suction hose to prevent large objects and debris from entering the pump. Strainer should be positioned so that it will remain completely under water. Running the pump with the strainer above water for long periods can damage pump.