

Q3P3Ti - TRASH PUMP



The Only Compact, Intuitive  
Centrifugal Trash Pumping System



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# 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/Standby* 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.

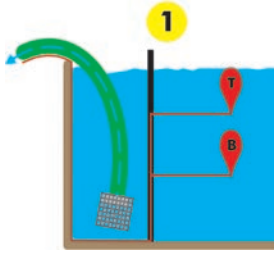


**QP3Ti**  
**396 GPM Flow**  
**95 Feet Head**  
**3" Suction/Discharge**

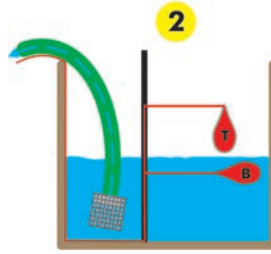
\*battery sold separately

## AUTO/STANDBY DRAIN OPERATIONS

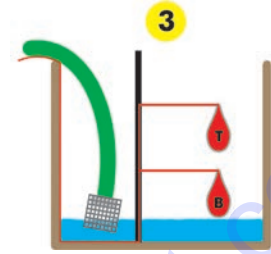
Locate float switches in suction source for *pump down* applications. The pump control panel must be set to *Auto/Standby* mode and set float switch control to drain mode.



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



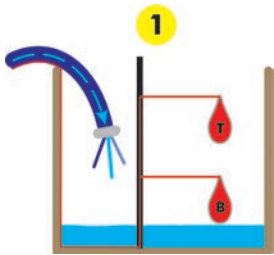
Water level falls below top float switch, pump continues discharging water.



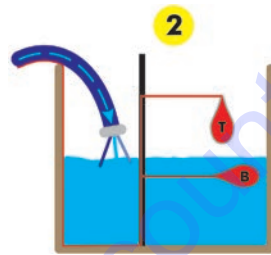
Water level falls below bottom float switch. Engine automatically shuts down and the pump goes into *Standby* mode.

## AUTO/STANDBY FILL OPERATIONS

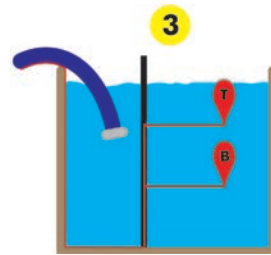
Locate float switches in discharge tank or basin for *pump up* applications. The pump control panel must be set to *Auto/Standby* mode and set float switch control to fill mode.



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

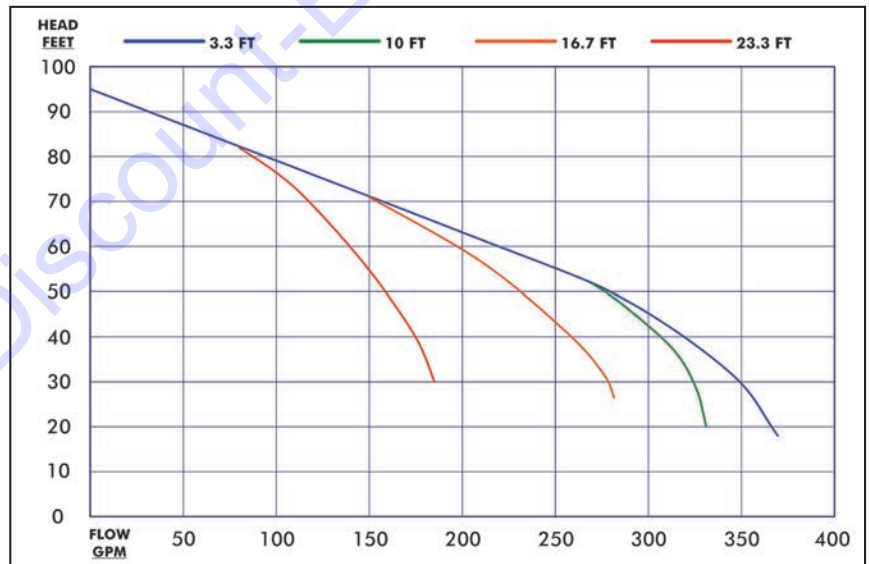
## ENGINE

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

FS43		Float switch assembly includes: (2) industrial mechanical float switches with 43' cord and 2-pin quick disconnect connectors
FS65		Float switch assembly includes: (2) industrial mechanical float switches with 65' cord and 2-pin quick disconnect connectors
QP3BOX		Steel utility box that attaches to tabs on the QPT3Ti frame for float switch storage



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