

Mega-Typhoon pump and Low-Flow Controller



Mega-Typhoon is a 12 VDC two-stage submersible pump that has 80 feet of 3/8-inch ID HDPE tubing (tubing volume is 0.6 gal). The plastic pump body measures 1.7-inch OD by 10-inch length. Used with the Low Flow with Power Booster 1 controller, the pump will produce 3.5 gpm at 10 feet of head and 0.25 gpm at 80 of head.

Use:

The device purges ground water from two-inch-diameter and larger wells. Pump controller allows samples to be taken under low-flow conditions.

Maintenance:

Depending on the field use, the pumping system requires different levels of decontamination between sampling stations. Final decontamination at the end of the sampling event can be achieved by washing off the pump and tubing and then pumping a solution of Alconox detergent and warm water followed by thorough rinsing with distilled/deionized water.

Check-out & contact information:

This pump and controller is available from the Technical Services Branch of the Mid-Continent Region, Contact Brian Hicks at 618-463-6463 ext. 5121 or bhicks@osmre.gov.

Equipment may be borrowed for a specific period. Equipment on loan will be temporarily transferred using a Department of the Interior Property Pass, Standard Form DI-1934, signed by the appropriate responsible individuals. OSMRE will generally pay for delivery to the requestor's office. The cost of return delivery will be borne by the requesting office. Some equipment is oversized or may need special handling.