

# WEP-50™

## Effluent Pump and Filter



### About

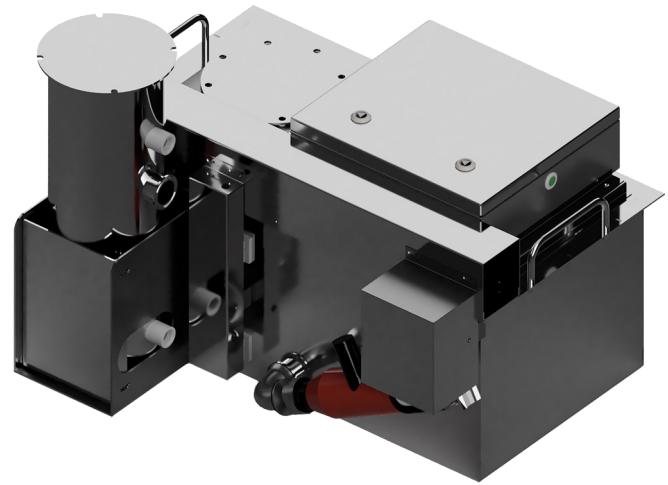
The WEP-50 is an effluent pump system that includes a filter. It is used to pump waste water that might be fed by gravity to a higher level or extended some distance with a hose pipe.

The system allows you to install machines that generate waste water in places where there may not be a grade level drain. The filter uses a bag to trap particles and can therefore reduce solids in the water that is being discharged. Such discharged water may then meet strict regulatory requirements or can be used for irrigation.

Designed, developed, and manufactured by Power Knot in Silicon Valley, California.

### Features

- Minimal operating costs
- Sealed system ensures no odors escape
- Fully automatic with intelligent level sensors to operate the pump
- Quiet operation
- Supplied with 200 µm and 400 µm bags to remove solids from the discharged waste water
- 3 color LED indicates operational status including when bag needs cleaning or replacing
- Relay output indicates operational status to external equipment
- Sanitary fittings for input and output ensure easy installation with standard plumbing connections
- Can accept a high flow rate of waste water and can accept an inrush of 50 litre (13 gallon) of waste water in under a second



- Input waste water can be as low as 36 mm (1.4") above the ground
- Can be situated in kitchens and work areas
- Universal ac power input ensures compatibility to operate globally
- Constructed of stainless steel with expected life of 15 to 25 years
- Waterproof construction ensures easy cleaning
- Optimized for operation with Power Knot LFC biodigesters

### Benefits

- Eliminates the need for a grade level drain or a drain near the source of the waste water
- Cleans waste water prior to discharge to ensure compliance with most regulations
- Discharged water can be used for irrigation<sup>1</sup>
- Requires no configuration
- Maintenance can be accomplished by existing staff
- Three year warranty<sup>2</sup>

<sup>1</sup> Depending on the waste water input

<sup>2</sup> Warranty is subject to terms and conditions.

