



Fully Assembled View

Installation Guide

Designed for applications where little of no current is available for driving the drum.

- 1) Assemble all components of the PowerDrive Unit using the PowerDrive Product Specification sheet provided in the manual.
- 2) Remove the (1) of the bolts from the Adjustable Support Bracket and install bracket around the L Frame of the Riverscreen.
- 3) Locate the position of the L Frame Support Bracket and predrill a #17 hole into the L Frame. Connect the bracket to the L Frame using the self-tapping screw provided.
- 4) String loose end of the supply hose to the pump, wrapping the the hose around the suction line as you go.
- 5) To connect to the pump, install supplied adapter tee between the existing boiler valve and the pump. Connect supply hose to the tee adapter.
- 6) Adjust the PowderDrive assembly so that the spray nozzles are directed at the paddles of the screen drum.

Trouble Shooting Guide

Problem: Screen is not rotating.

Possible Solution #1: Ensure that spray nozzles are directed at the paddles of the screen.

Possible Solution #2: Spray Orifices may not be sized correctly for you application. Consult factory for recommendations.

Possible Solution #3: There may not be enoguh pressure to turn the screen. Increase pressure at the pump.

Problem: Spray Orifices getting plugged.

Possible Solution: Check the supply line filter. The filter may possibly be installed backwards.