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Pivot™ Pro+ Reversing Control Panel Supplement to Installation Instructions

Pivot Pro+ Reversing Panels are specially designed for use with Zoeller reversing grinder pumps. These pumps are capable of grinding and pumping sewage whether the motor is spinning clockwise or counterclockwise. This panel has special features which work in conjunction with reversing grinder pumps to keep lift stations operating reliably in tough applications that would require repeated service calls for other pump systems.

The menu of this Pivot Pro+ panel includes some options specific to the reversing functionality. By default, reversing is enabled in panels whose Item Number's second digit is either a "3" for Simplex Reversing or a "4" for Duplex Reversing (see FM3297). With each successive pump cycle, the panel will reverse direction from the time before. This feature not only minimizes the potential for clogging, but also doubles the life of the cutter and impeller when compared to single direction grinder pumps.

Special features for Pivot Pro+ Reversing Panels

Please consult the section in the Pivot Pro manual (FM3272) titled LCD Screen Menu & Navigation (page 8) for more information on navigating or editing settings through the LCD screen.

Function Name (Function Name Abbreviation in menu).

Reversing (Revrng): Enables or Disables all reversing functionality of the panel. Default value is Enabled.

Mid-Cycle Reverse (Mid Cyc): When activated, the panel will interrupt a cycle once the set value (from 10 minutes to 60 minutes) is reached. The pump will stop, wait 10 seconds, and begin again in the opposite direction from which it started. A value of "0" disables this feature. Default value is 15 minutes.

Reverse-On-Lag (Lag Rev): This feature has different behavior depending on whether the panel is in Simplex, Duplex, or Alternating mode. When enabled in Duplex mode, the panel will reverse the lead pump in addition to calling the lag pump once a lag float has activated. The lag pump will start and the lead pump will stop, wait 10 seconds, and begin again in the opposite direction from which it was running. When enabled in Simplex mode, the panel will reverse the pump once the high-water float has activated. The pump will stop, wait 10 seconds, and begin again in the opposite direction from which it was running. The Reverse-On-Lag feature has no function if the panel is in Alternating mode. Default value is Enabled.