

VANCS Series

CORROSION RESISTANT SUBMERSIBLE PUMPS



The **VANCS SERIES** Tsurumi submersible pump is designed for handling raw sewage, wastewater, industrial and commercial sump pump applications. The **VANCS SERIES** has a proven track record for offering long life in both continuous and intermittent sump applications. With the pump made of complete molded resin material and all other parts coming in contact with the pump liquid in either 304 SS or Titanium, the **VANCS SERIES** offers the customer; the markets most corrosion resistant sump pump.

VANCS Series Features

AUTO DUPLEXING - MADE SIMPLE

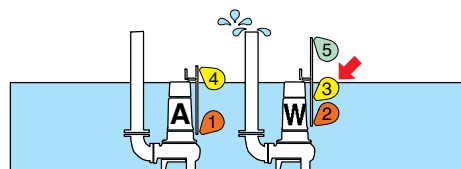
The auto-alternating model is used along with an automatic model. The combined use of these two pumps enables each pump to operate alternately without control panel.

The auto-alternating model has three floats and can be identified by the suffix "W". Refer to standard specifications for availability and model numbers. It is available in the same output range of the automatic pumps.

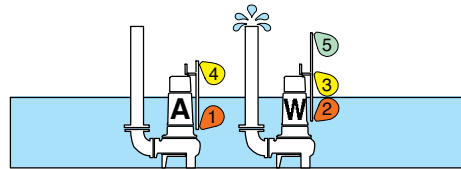
How the Auto-Alternating Model Works

Operation is enabled by merely connecting the power supply and adjusting float level.

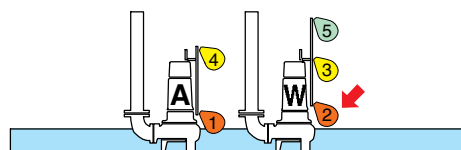
Primary Operation



1 Float 3 operates, and pump W starts to discharge water.

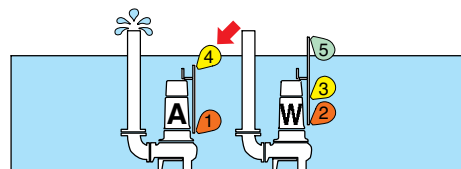


2 Water is discharged (water level falls).

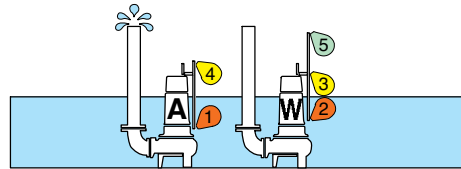


3 Stop float 2 of pump W operates to end water discharge. At this time, alternation start float 3 of pump W rests for one discharge operation.

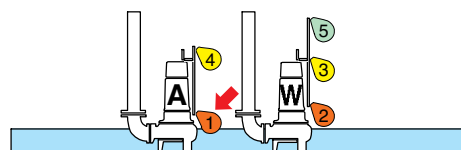
Secondary Operation



1 Start float 4 of pump A operates to start water discharge.



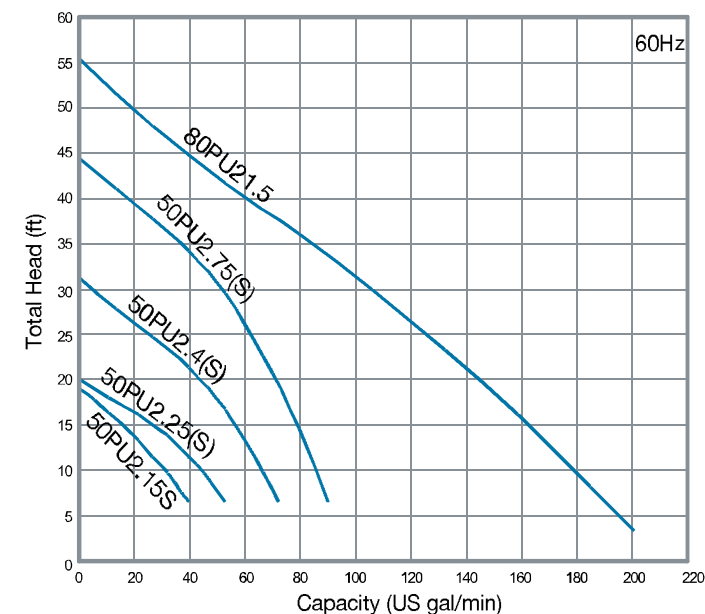
2 Water is discharged (water level falls).



3 Stop float 1 of pump A operates to end water discharge. At the same time, start float 3 of pump W be comes ready for operation.

PU Series

Performance Curves



Feature

- 304 Stainless Steel
- Resin Molded Parts
- Semi-Vortex Impeller Design

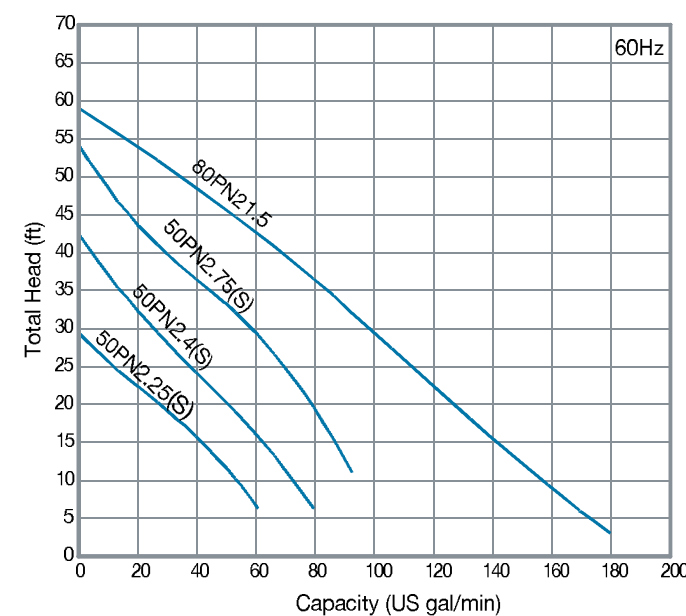
Applications

- Residential, commercial, industrial sewage, effluent, wastewater and site drainage.
- Chemical spill containment
- Decorative waterfalls, fountains and fish ponds.
- Raw water supply from rivers or lakes.
- Anywhere your sump pump is subject to rust or corrosion, VANCS is the answer.



PN Series

Performance Curves



Feature

- 304 Stainless Steel
- Resin Molded Parts
- Semi-Open impeller Design

Applications

- Residential, commercial, industrial, effluent, wastewater and site drainage.
- Chemical spill containment
- Raw water supply from rivers or lakes.
- Anywhere your sump pump is subject to rust or corrosion, VANCS is the answer.

