

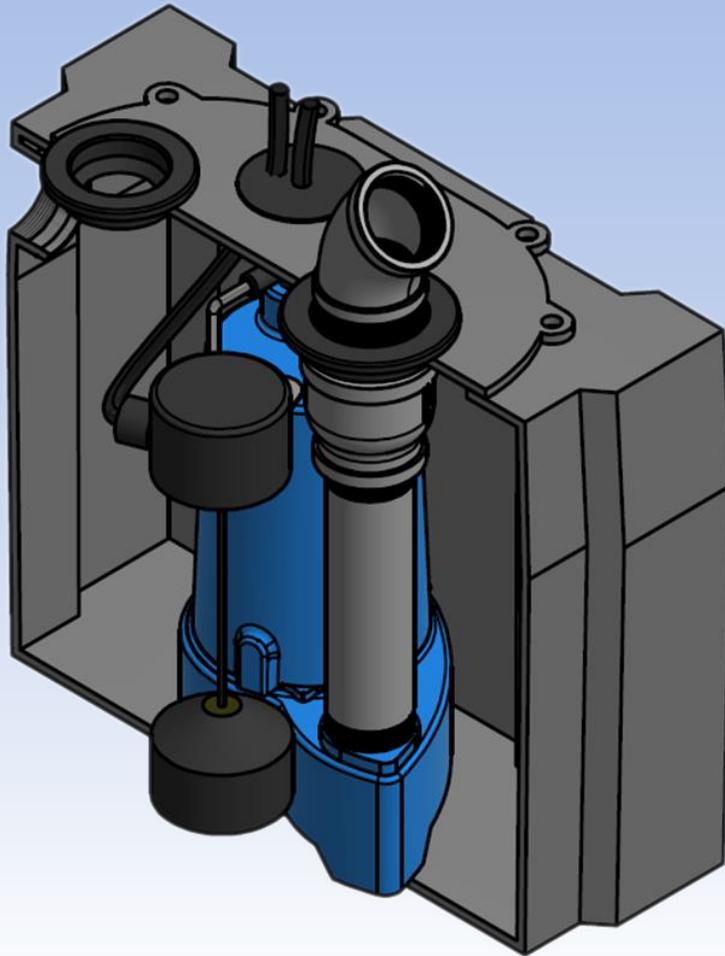


TYPE

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**ALTS**

## AUTOMATIC LAUNDRY TRAY UNIT (SUBMERSIBLE)



### High Light

- ⌘ Motors are fully submersible
- ⌘ Easy installation and removal
- ⌘ Simple Maintenance
- ⌘ Float switch operation
- ⌘ For laundry tray, sink, display-case, and cold condensate water
- ⌘ Factory assembled packaged system
- ⌘ Small footprint

## PRODUCT DETAILS

### BASIN

6 Gallon non-corrosive, no break HDPE basin

### PUMP

Equipped with cast iron vortex impellers and stainless-steel shaft for reliable operation

### FLOAT SWITCH

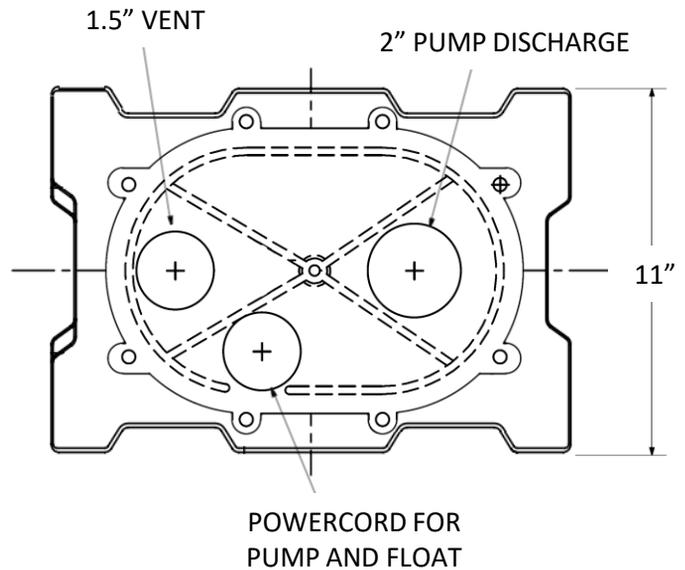
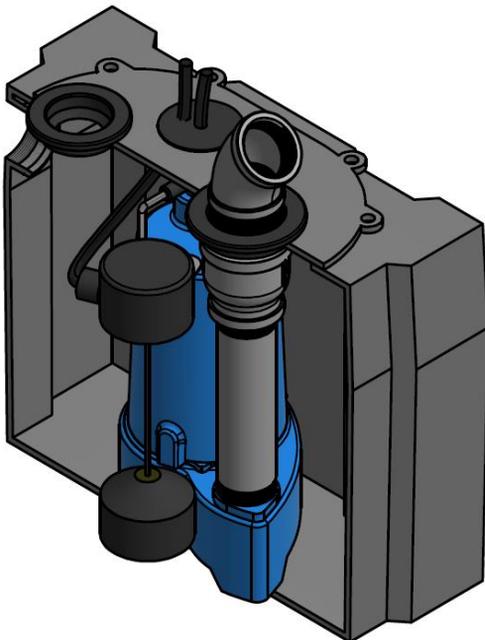
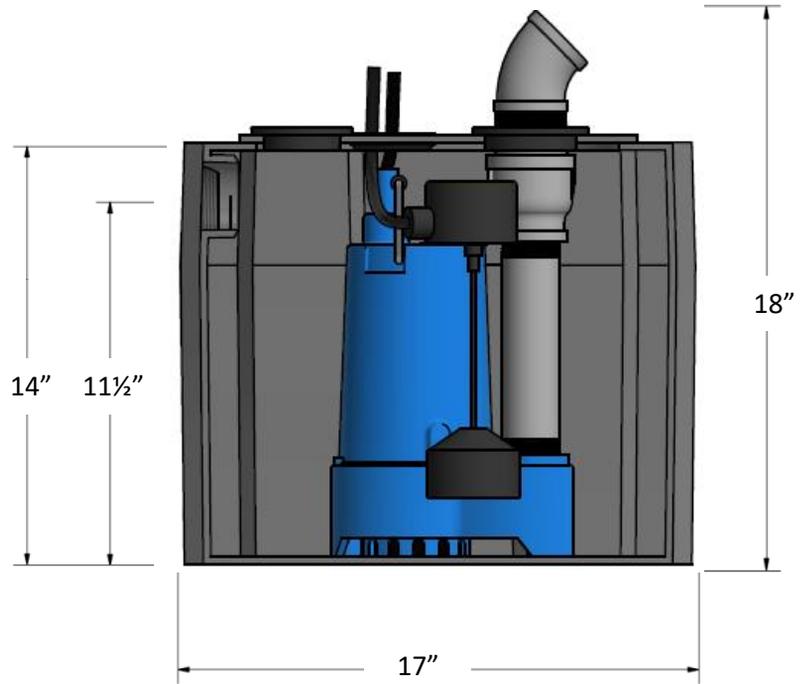
Pump mounted vertical float switch installed 180 degrees from the inlet to prevent float hang-up

### DISCHARGE PIPING

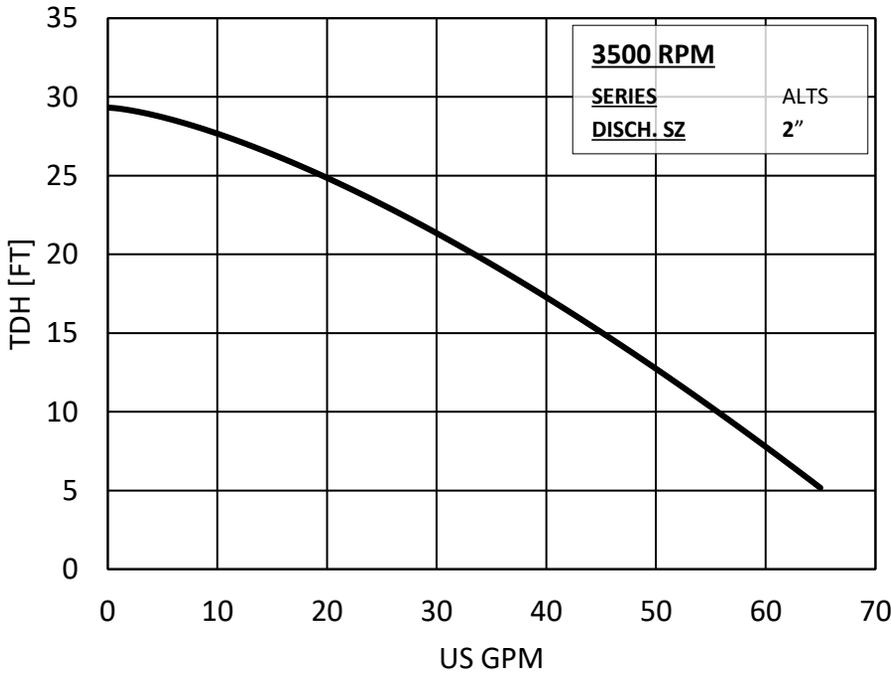
Pump discharge piping is predrilled with a vent hole and plumbed with 45-degree elbow

### SEALING

Electrical cord seal is installed in the cover to seal the basin



## SERIES PERFORMANCE RANGE



MODEL	ALTS
MOTOR HP	1/2 HP
DISCH. SIZE	2"
MOTOR SPEED	3500 RPM
WEIGHT	53 LBS
FULL LOAD AMP	8.0A
PH/Volt	1/115V

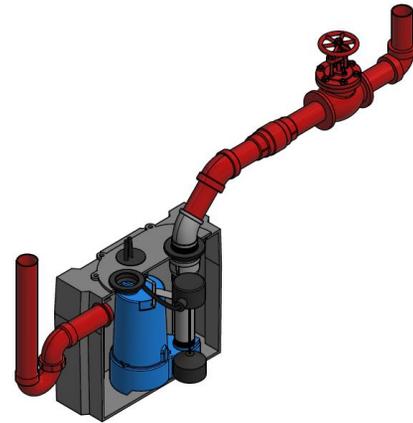
### Suggested specification

**General Product Overview:** Furnish and install where shown in the plans a Federal Pump Series ALTS simplex submersible sump pump packaged unit with pump rated as per the pump schedule. Each pump shall include submersible motor, cast iron casing, standard fitted construction with stainless steel shaft, waterproof power cable and automatic vertical float switch piggy-back float switch. Oil filled motor shall be NEMA L, single phase, permanent split capacitor, 115 volts, 60Hz, 3500RPM, with overload protection. Pump plumbed with galvanized piping and fitting to ensure longevity, enclosed in a HDPE basin.

**Sequence of Operation:** Factory provided piggy-back control and motor plug shall connected to a GFCI receptacle. In the event of liquid level above the factory set point, the pump float switch shall signal the pump to turn "ON". When the level reaches the "OFF" set point, the pump shall turn off and standby for the next cycle.

**Operation manuals:** A complete set of IOM manuals shall be provided along with the equipment.

**Warranty:** The pump manufacturer shall provide a (1) year limited warranty for material.



Suggested piping configuration provided above. All parts in red to be provided by others.



# FEDERAL PUMP

NY'S PUMP COMPANY

Since 1927 Federal Pump has been a leading provider of reliable and innovative fluid handling solutions for supply water management and dewatering pump services.

Its recent introduction of the VSPV & VSPM variable speed domestic water supply system combines innovative technological advancements in premium efficient motors and variable speed drive support programs that reduce energy demand, lower operating costs, and provide more finely tuned supply controls.

Its VSA/VSP vertical pump rated to 210F provides solutions in dewatering applications where condensate or boiler feed water are collected and then cooled and pumped to city sewer connections providing continuous service where submersible pumps do not provide a sustainable solution.

The SOSP Oil Shield sump pumps alerting building management to potential oil leaks in the elevator areas provide additional building support.

High rise roof fill applications, water make-up systems for mechanical equipment utilizing rain water systems and energy efficient condensate, boiler feed, and vacuum condensate units continue in the focus of energy efficiency and building support.

In the tradition of leadership through product innovation, quality designs, and reliable customer service, Federal Pump continues to be a supplier to those water management and dewatering markets where it first started that tradition of leadership in Brooklyn, N.Y.



**Variable Speed Booster  
Model VSPV(up to 300PSI)**



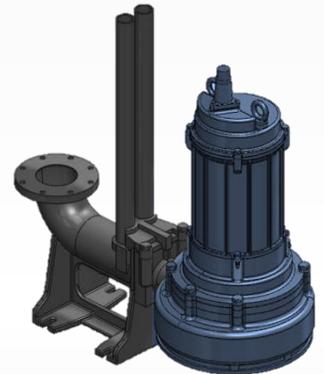
**Variable Speed Booster  
Model VSPM(up to 600PSI)**



**Oil Shield Elevator Sump System  
Model SOSP(up to 125GPM)**



**Vertical Sewage/Sump Pump  
Model VSA/VSP(up to 1400GPM)**



**Submersible Sewage/Sump Pump  
Model MSC(QD)/VSS(QD) (up to 500GPM)**



**Condensate/Boiler Feed System  
Model CCV/BFC(up to 100,000EDR)**