

# HP Lift Station

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The ADS HP Lift Station is a complete, turnkey drainage solution designed to perform in demanding conditions. Built with durable components and advanced controls, it helps manage water levels efficiently simplifies installation and provides long-term performance.

## Features

- Pump design engineered for durability and ease of maintenance
- Electronic panels are completely enclosed and are protected from harsh environmental conditions
- Remote Monitoring System capability
- Complete electrical schematics will be provided with every control panel

## Benefits

- One system to manage water flow rate, field water table level and power consumption
- Variable Frequency Drive controls, reducing on-off frequency
- Simple and easy remote access via any web-enabled devices, such as computers, tablets and cellphones
- Increases yield by controlling root zone water availability
- Controls the ability to get into fields earlier to perform required field work tasks
- Service-rated panel reduces the electrical installation costs
- Factory-trained support available
- 3-year control panel warranty upon installation
- 2-year pump warranty upon installation



# HP Lift Station Specification

## Scope

This specification describes an HP lift station, which consists of a basin, lid, pump and control panel

## Basin Pipe Requirements

ADS SaniTite® HP pipe shall have smooth interior and annular exterior corrugations.

- 36", 48" and 60" (900, 1200 and 1500 mm) pipe shall meet or exceed ASTM F2764 and AASHTO M330

## Material Properties

Polypropylene compound for pipe and filling production shall be an impact modified co-polymer meeting the material requirements of ASTM F2764.

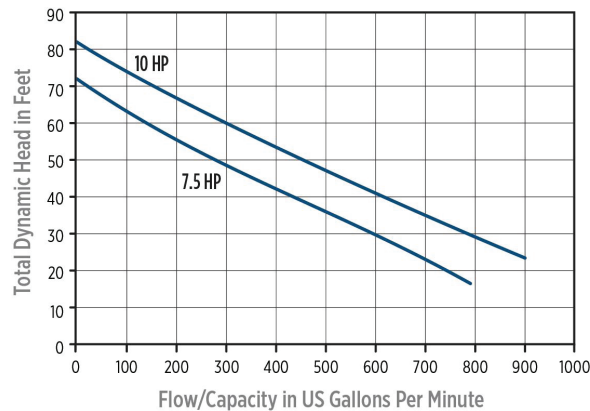
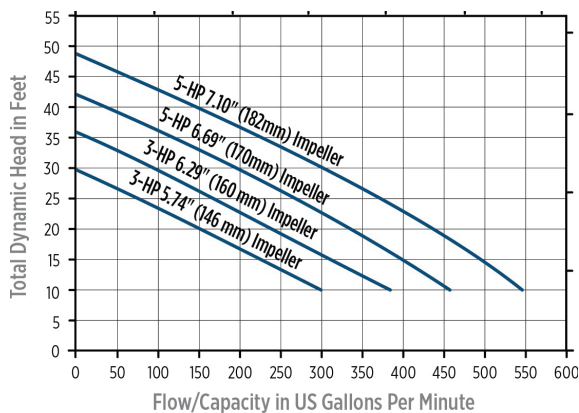
## Lid

Lightweight, corrosion-resistant aluminum construction with a modular design, multi-diameter discharge cutouts and a lockable split hatch.

## Pump

The solids handling pumps are a versatile transfer solution available in a 3 through 10 horsepower range with 4" (100 mm) discharge options and varying impeller modularity for some sizes.

## Performance



## Control Panel

Programmable panels are used to control single pumps and provide alarm functions. They include easy-to-use, programmable logic units that incorporate multiple built-in timing and logic functions.

## Installation

Installation shall be in accordance with ADS published installation guidelines, with a maximum vertical height of 12' (3.66 m) for 36" (750 mm) and 48" (1200 mm) and 10' (3.05 m) for 60" (1500 mm) with compacted Class 1, Class 2, Class 3 or Class 4 material. Contact your local ADS representative or visit our website at [www.adspipe.com](http://www.adspipe.com) for a copy of the installation guidelines.

