

# HP AGRICULTURE LIFT STATION

## A COMPLETE SOLUTION WITH TURN KEY AVAILABILITY AND NO HIDDEN COSTS

### FEATURES:

- 1800 rpm means longer bearing/motor lifetime and less vibration
- Unique impeller design creates optimal gallon per minute per watt performance
- Electronic panel is completely enclosed and is protected from harsh environmental conditions
- Remote Monitoring System is satellite-based and can be accessed anywhere in the world
- Complete electrical schematic stickers on every enclosure door shows all electrical connections

### BENEFITS:

- One system to manage water flow rate, field water table level and power consumption
- Reduces on/off cycles
- Web based system operational alerts (ex. motor overload, system overheat, voltage spike, power loss, etc.) are sent to email and cellphone
- Simple and easy remote access via any web enabled device, such as computers, tablets and cellphone
- Cloud based data storage allows for historical comparisons
- Increases yield by controlling root zone water availability
- Controls the ability to get into fields earlier to perform required field work tasks
- Reduces pump power consumption by using efficient irrigation methods or pump run schedules
- Service-rated panel reduces the electrical installation costs
- Factory-trained support available 24/7 from pump manufacturer

### AVAILABLE SENSORS

- Soil moisture sensors
- Tank/well level
- Pumps
- Fertilizer
- Chemical injectors
- Filters
- Remote valve actuation
- Other sensors
  - pH
  - chemical, etc.

**ADS Service:** ADS representatives are committed to providing you with the answers to all your questions, including specifications, installation and more.



## HP AGRICULTURE LIFT STATION SPECIFICATION

### SCOPE

This specification describes 36- and 48-inch (900 and 1200 mm) ADS SaniTite HP pipe used for agricultural lift stations.

### PIPE REQUIREMENTS

ADS SaniTite HP pipe shall have a smooth interior and exterior surfaces with interior corrugations.

- 36- and 48-inch (900 to 1200 mm) pipe shall have a smooth interior and annular exterior corrugations and meet or exceed ASTM F2764 and AASHTO M330.

### MATERIAL PROPERTIES

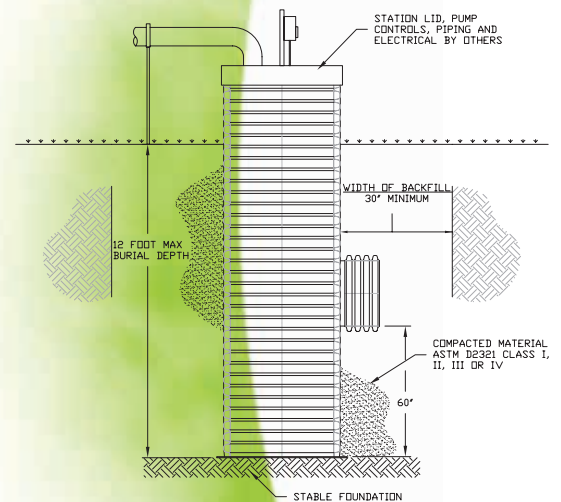
Polypropylene compound for pipe and filling production shall be an impact-modified copolymer meeting the material requirements of ASTM F2764.

### INSTALLATION

Installation shall be in accordance with ADS published installation guidelines, with maximum vertical height of 12-feet (3.66 m) with compacted class 1, class 2, class 3 or class 4 material. Contact your local ADS representative or visit our website at [www.ads-pipe.com](http://www.ads-pipe.com) for a copy of the installation guidelines.



AG LIFT STATION INSTALLATION DETAIL



For more information on ADS HP Agriculture Lift Stations and other ADS products, please contact our Customer Service Representatives at 1-800-821-6710

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