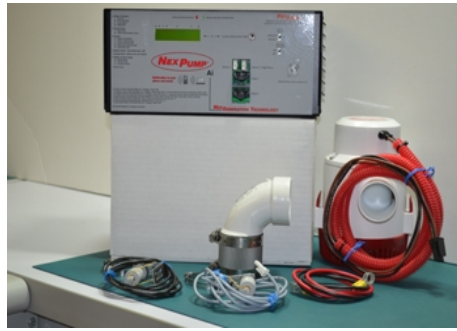


# Ai Single



## Standard Features

- Self Testing every 12 hours: Components checked and pumps exercised for proper operation
- Dual Sensors: Redundancy. High water alert system only with NexPump.
- Advanced Real-time Diagnostics: Logic detects plumbing problems, sensor errors, and more...
- Dual Batteries: Will support dual battery connection for twice the running time
- Displayed Full Text Error Messages: Built for easy diagnosing
- Pump Hour tracking/stats: Only NexPump tells you how long your pumps have run
- Plumbing Error Detection: Detects Vapor Locks, Clogs
- Operates on Electricity: Or Battery when electricity fails
- High-Tech Battery Life Monitoring System: Let's you know battery life in hours during power failures
- User Friendly LCD Display: Easy to Read to know status at a glance
- Comprehensive Menu: Easy to Use Menu System to change system features
- Audible Alarm: Let's you know issues with an alarm over 100db
- Advanced Logic Design: Built in features only available on the NexPump
- Advanced Microprocessor controlled: High-Tech microprocessor with advanced computer code

## Optional Features

- Notification Modules: Phone Line Connection, Wired Internet Connection, Wireless Internet Connection
- 24/7 Notification System: Receive phone calls, email or text alerts to let you know of possible failures or alerts
- 24/7 Internet Connectivity: Status, Battery Life, Commands, Configuration from any Computer or SmartPhone
- 24/7 Monitoring: Vacationing or working, NexPump will keep you informed

## Model Features

- Single Pump: Typical discharge rate of **33 GPM at 10 Feet** (with Quiet Check Valve Installed)
- 10-amp Battery Charger: Smart Multi-Stage, AGM compatible
- Limited 1 Year Warranty: Industry Standard
- Backup System Only: Use with another primary pump

## Available Models

**Ai Single** *(without notification)*

**Ai Single-AN** *(Notification for Phone line)*

**Ai Single-ANi** *(Notification for Wired Internet Connection)*

**Ai Single-ANiw** *(Notification for Wireless Internet Connection)*

# **Discharge Rates**

## **Extreme Series System Discharge Rates at 10 Feet Head**

Ai Rage (Open Flow)	6840 (114 GPM)
Ai Rage (w/Check Valves)	6420 (107 GPM)
Ai Turbo (Open Flow)	5580 (93 GPM)
Ai Turbo (w/Check Valves)	5160 (86 GPM)
Ai Jet (Open Flow)	3420 (57 GPM)
Ai Jet (w/Check Valves)	3240 (54 GPM)

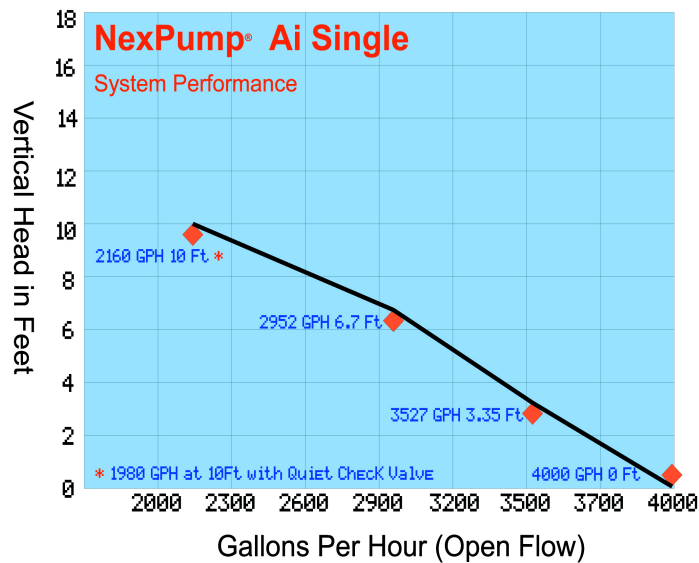
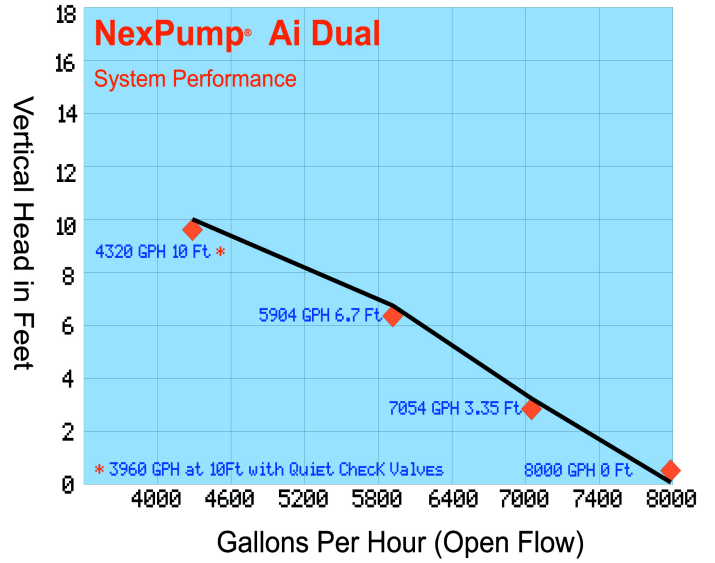
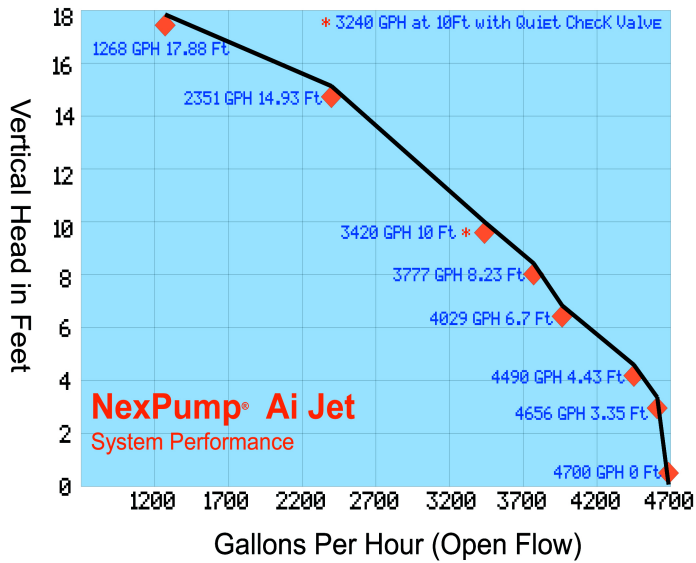
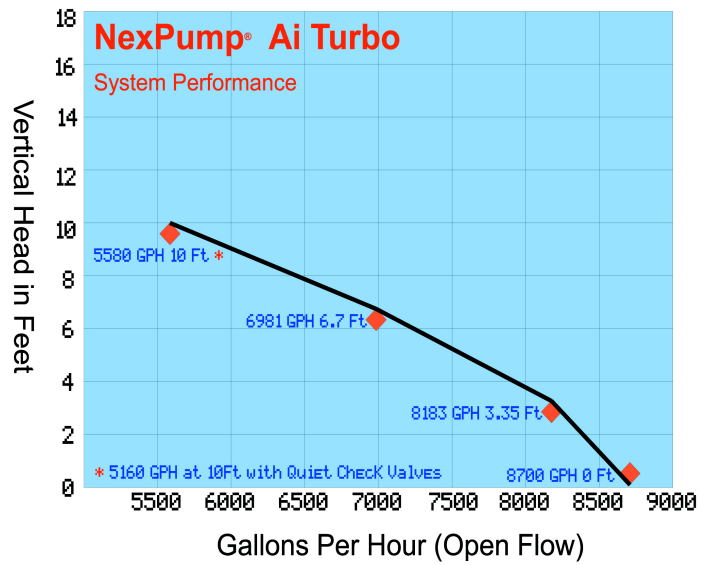
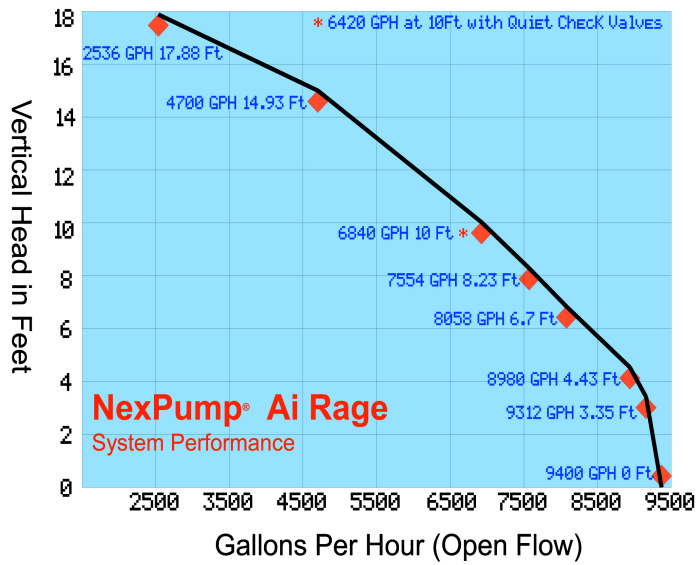
## **Standard Series System Discharge Rates at 10 Feet Head**

Ai Dual (Open Flow)	4320 (72 GPM)
Ai Dual (w/Check Valves)	3960 (66 GPM)
Ai Single (Open Flow)	2160 (36 GPM)
Ai Single (w/Check Valves)	1980 (33 GPM)

## **Other Information**

Made in USA:	Yes
Pump Housing :	ABS
Float Type:	Stem w/Internal Electronics (Rated 50 Million Cycles)
Power Cord Length:	6 Ft.
Thermal Protection:	Yes, Controller Monitored
Oil-Free Motor:	Yes
Solid Handling:	No
Manual Override:	Yes, 100% Manual Override
Built-in Check Valve:	No
Discharge Port Size:	1-1/2"
Sump Basin Size:	*Standard 18"
Motor Amps:	High Capacity 16 Amps DC Ultra Capacity 22 Amps DC
Float On/Off or Pumping Differential:	Electronic Virtual Pump Sensing

# Discharge Graphs



## Internet Screens Examples



[Status](#) | [Web Configuration](#) | [Command Console](#)

### NexPump Stats and Informational Page (SN:'NPB01000100')

<b>Pump 1:</b>		Status: OK	<b>Pump 2:</b>		Status: OK
Stats: 15 Hours (0), Type: 'U'			Stats: 2 Hours (0), Type: 'U'		
<b>Sensor 1:</b>		Status: Connected	<b>Sensor 2:</b>		Status: Connected
<b>Electricity:</b>		Status: OK	<b>Battery:</b> AGM 240 A/H		Status:OK (Replace in 1547 Days)
<b>Charger:</b>		Status: Charge Off	<b>Case Fan:</b>		Status: OK
<b>VRef:</b>		Status: OK	<b>EEProm:</b>		Status: OK
<b>Alarm:</b>		Status: Enabled	<b>Operating Mode:</b>		Mode:Primary
<b>LAN Monitor:</b>		Status: ON	<b>Link:</b>		Status: Connected
<b>IP Config:</b>		Status: Unlocked	<b>Update Mode:</b>		Status: ON



[Status](#) | [Web Configuration](#) | [Command Console](#)

### NexPump Command Console Page (SN:'NPB01000100')

**Command:**

**Command Value:**

**Command Status:** Ready!

**Command Last Error:** None

\*Some commands are available only under certain conditions and may not always be listed!

\*This NexPump is in the Demo Mode. Some features may be disabled when operating in this mode!

[NexPump Website](#)

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Web Image V4.04.0011

Single NexPump (Ai Jet, Ai Single) as Backup Pump

