Ai Extreme Turbo

- 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

- Dual Pump: Typical discharge rate of **86 GPM at 10 Feet** (with Quiet Check Valve Installed)
- 20-amp Battery Charger: Smart Multi-Stage, AGM compatible
- Limited 3 Year Warranty: Better than Industry Standard
- Primary or Backup System: Use with another primary pump or as your only sump pump

Available Models

Ai Turbo *(without notification)*

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

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

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

Discharge Rates

Extreme Series System Discharge Rates at 10 Feet Head

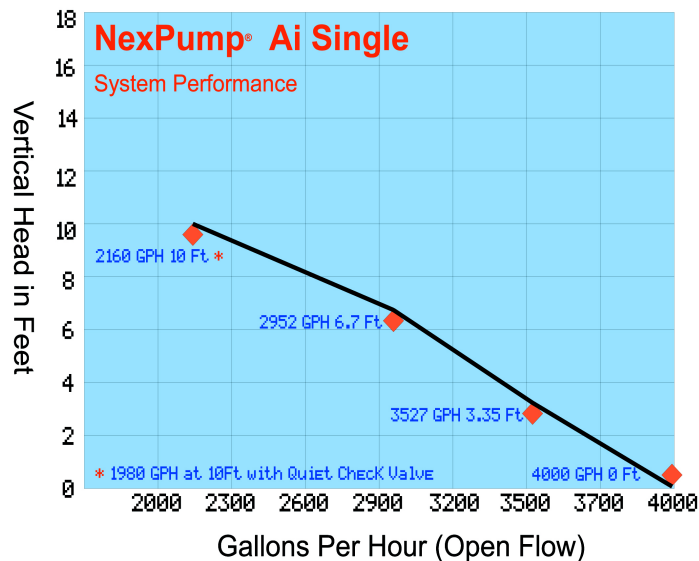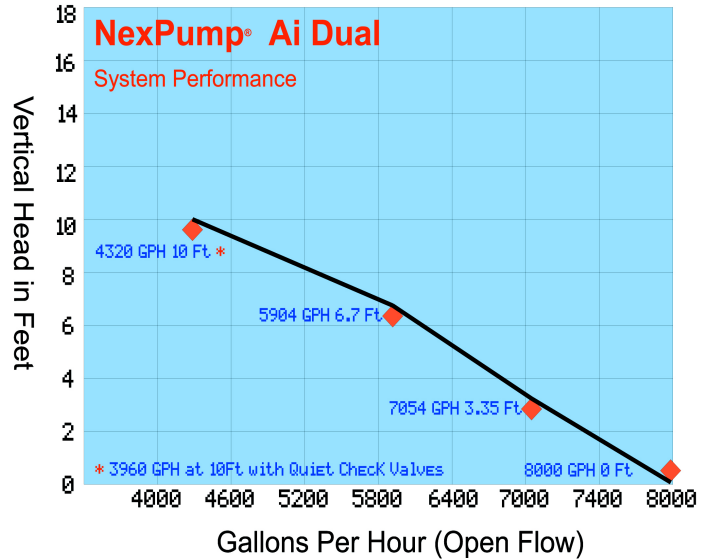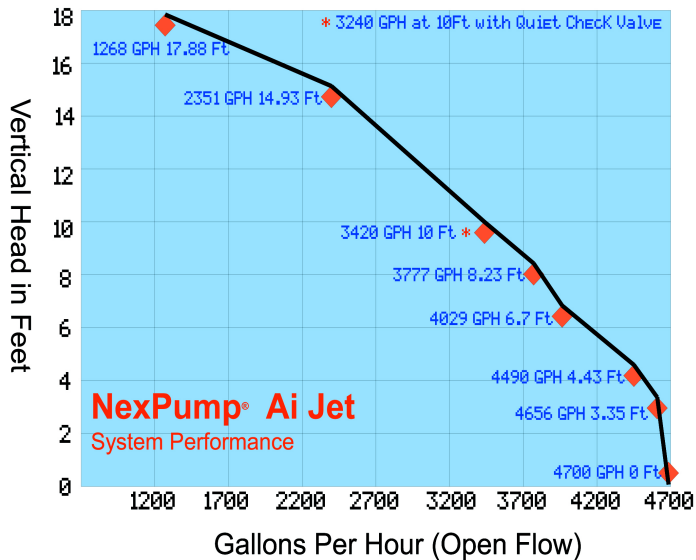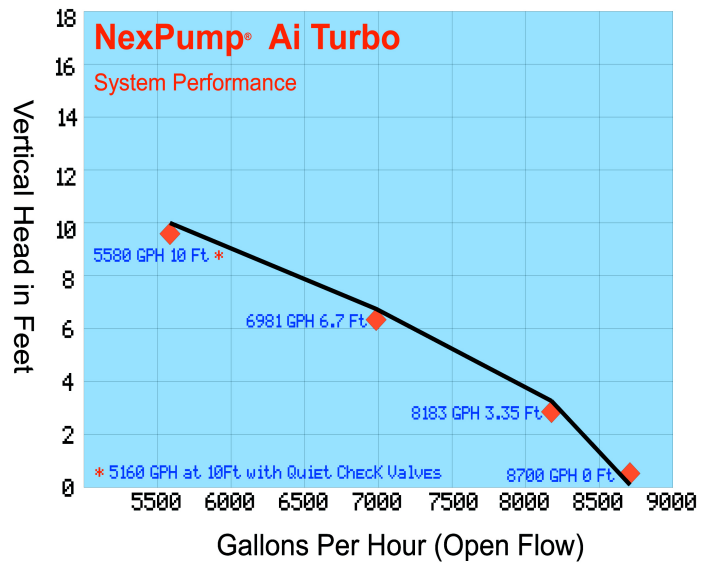|	
Ai Rage (Open Flow)	6840 (114 GPM)
Ai Rage (w/Check Valves)	6420 (107 GPM)
Ai Turbo (Open Flow)	5580 (93 GPM)
Ai Turbo (w/Check Valves)	5160 (86 GPM)
Ai Jet (Open Flow)	3420 (57 GPM)
Ai Jet (w/Check Valves)	3240 (54 GPM)

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

NexPump® Ai Rage
System Performance

* 6420 GPH at 10Ft with Quiet Check Valves

2536 GPH 17.88 Ft
4700 GPH 14.93 Ft
6840 GPH 10 Ft *
7554 GPH 8.23 Ft
8058 GPH 6.7 Ft
8980 GPH 4.43 Ft
9312 GPH 3.35 Ft
9400 GPH 0 Ft

Vertical Head in Feet
Gallons Per Hour (Open Flow)

NexPump® Ai Turbo
System Performance

5580 GPH 10 Ft *
6981 GPH 6.7 Ft
8183 GPH 3.35 Ft
8700 GPH 0 Ft
* 5160 GPH at 10Ft with Quiet Check Valves

Vertical Head in Feet
Gallons Per Hour (Open Flow)

NexPump® Ai Jet
System Performance

* 3240 GPH at 10Ft with Quiet Check Valve

1268 GPH 17.88 Ft
2351 GPH 14.93 Ft
3420 GPH 10 Ft *
3777 GPH 8.23 Ft
4029 GPH 6.7 Ft
4490 GPH 4.43 Ft
4656 GPH 3.35 Ft
4700 GPH 0 Ft

Vertical Head in Feet
Gallons Per Hour (Open Flow)

NexPump® Ai Dual
System Performance

4320 GPH 10 Ft *
5904 GPH 6.7 Ft
7054 GPH 3.35 Ft
* 3960 GPH at 10Ft with Quiet Check Valves
8000 GPH 0 Ft

Vertical Head in Feet
Gallons Per Hour (Open Flow)

NexPump® Ai Single
System Performance

2160 GPH 10 Ft *
2952 GPH 6.7 Ft
3527 GPH 3.35 Ft
* 1980 GPH at 10Ft with Quiet Check Valve
4000 GPH 0 Ft

Vertical Head in Feet
Gallons Per Hour (Open Flow)

Internet Screens Examples

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

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

NexPump Command Console Page (SN:'NPB01000100')

Command: Battery Amp Hours (Requires Command Value, Valid Values 105 to 440) ▼

Command Value: 0

Command Status: Ready!

Command Last Error: None

[Submit] [Reset] *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!
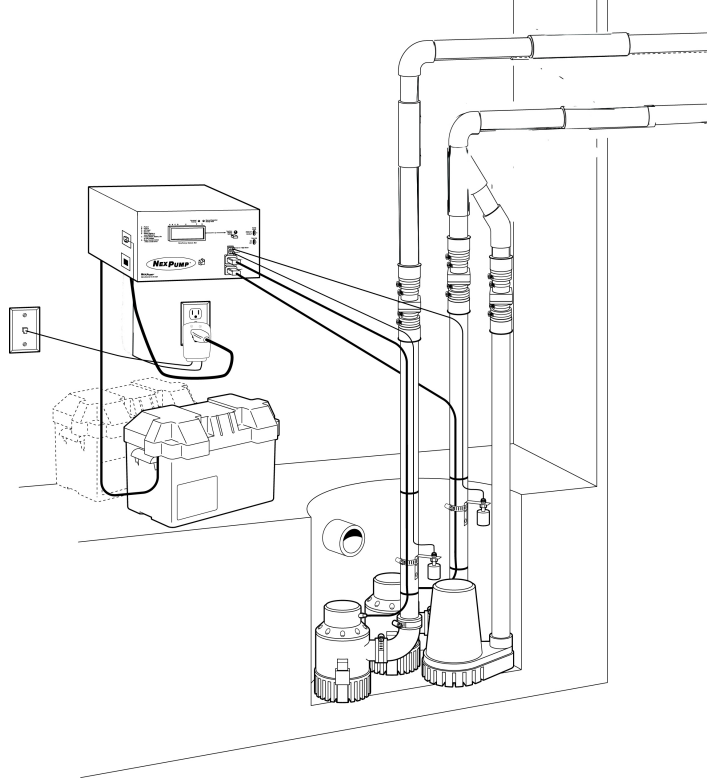
NexPump Website
Copyright © 2003-2012, NexPump Inc.
Web Image V4.04.0011

Installation Diagrams

Dual NexPump (Ai Rage, Ai Turbo, Ai Dual) as Backup Pump

Dual NexPump (Ai Turbo, Ai Dual) as Primary Pump