



**Environmentally friendly  
automatic priming pumps.**



## Multiquip ActivPrime

automatic priming pumps are the perfect choice to tackle demanding dewatering challenges such as sewage by-pass, general construction, emergency response, mining operations, and industrial applications.

- **Fuel efficient design** - The priming system, closed impeller, and high flow discharge valve provide 28 hours of operating time at 1,800 RPM / 39 hours at 1,600 RPM. A 50 gallon fuel tank features fuel gauge, strainer and locking fuel cap.
- **Heavy-duty support jack stands** - all trailer mounted pumps include (5) adjustable outrigger jack support stands.
- **Galvanized hose couplers** - 6" diameter ANSI suction and discharge Bauer hose fittings for secure hose operations.
- **Industrial battery** - heavy-duty 175 amp hour / 990 CCA. Mounted in a lockable frame.

### ActivPrime AP6 Series - 6" Trash Pump Standard Features

- **Automatic dry priming & re-priming design** - utilizes efficient environmentally safe engine driven compressor/venturi priming system. The ActivPrime zero by-product venturi assembly has a lifetime warranty.
- **High efficiency dynamically balanced closed Impeller design** - made from strong 65-45-12 Ductile Iron with rear-equalizing vanes. Reduced axial loading improves performance and prolongs seal and bearing life.
- **Compact pump end** - hardy 3/4" Class 30 cast iron pump casing withstands pressures up to 195 psi. Shaft manufactured of 4340 alloy steel with 416 stainless steel shaft sleeve. Drive system requires no bearings, reducing failures and service requirements.
- **Grease lubricated mechanical seal** - simplifies service and provides positive lubrication of tungsten carbide rotating and silicon carbide stationary seal faces.
- **Pump body clean out ports** - multiple, convenient entry ports on the pump casing and discharge valve assembly permit easy service access.
- **EARTHSmart™ eco-friendly prime system** - the highly efficient dry-priming design utilizes an engine-driven compressor/venturi priming system to prevent 'blow-by' of waste and sewage by-product.



#### APS6TB

6" Trash Pump

Trailer mounted version shown

Maximum Flow - 2,300 GPM

Maximum Head - 110 feet

Maximum Solids - 3-inch



High efficiency closed impeller design is dynamically balanced to facilitate increased flow. Requires no clearance adjustments.





## ActivPrime AP6 Series - 6" Trash Pump Standard Features

- **Proven power plant** - a John Deere 4024T 4-cylinder diesel engine provides on demand power and fuel efficiency. This turbo-charged, water cooled direct injected engine produces 49HP at 2,800 RPM.
- **Full control panel** - ensures accurate monitoring and safeguards during pumping operations. The following gauges and alarm devices are installed: engine oil pressure, tachometer high water temperature, hour meter, volt meter, battery charge lamp, and glow plug indicator.
- **Industrial DOT / NHTSA certified trailer**
  - ensures safe towing, surface stability, and long term support of the pump. Trailer includes electric brakes with break-away switch, lashing rings, four stabilizing stands and one top wind swivel jack.



## ActivPrime AP6S-Series - 6" Silent Canopy Features

The AP6S-Series offers a fully enclosed, lockable sound suppression canopy. The flexible design provides for (6) locking-hinged doors, with (3) panels that allow unrestricted access to all compartments for servicing. The canopy is modular, and can be simply removed / re-installed.

- **Silent canopy** - provides superlative sound attenuation - 66 dB(A) at 23' - and is a sandwich construction of: an 18-gauge solid galvalume shell, thick 2" wool fill at 8 pound density encapsulated in a 1-mil polyester moisture barrier, dampening sheet, and 22-gauge perforated galvanized steel inner liner.



### APS6S-Series

6" Trash Pump with Silent Canopy  
Noise Level - 66 dB(A) at 23 feet  
Maximum Flow - 2,300 GPM  
Maximum Head - 110 feet  
Maximum Solids - 3-inch

## ActivPrime AP6 Series Automatic Start/Stop Option

Provides automatic control of pump system by starting or stopping the diesel engine in response to varying water levels via mechanical float switches. Additionally, audible and visual alerts signal engine restarting through a control panel alarm and beacon attachment.



### Optional AUTO Start/Stop System shown

Auto Controller  
Float Switch Assembly  
Telescopic beacon attachment



A rugged single cylinder, gear driven, water cooled compressor provides continuous 8.5 CFM air pressure. Compressor covered by 2 year warranty.



When tough pumping operations and demanding applications call for high flow, and larger debris laden fluid movement, the **AP8 Series** is the perfect choice. The powerful John Deere diesel engine and highly efficient priming and pump design offer superlative performance results.

### **ActivPrime AP8 Series - 8" Trash Pump Standard Features**

- **Automatic dry priming & re-priming design** - utilizes efficient environmentally safe engine driven compressor/venturi priming system. The ActivPrime zero by-product venturi assembly has a lifetime warranty.
- **High efficiency dynamically balanced closed Impeller design** - made from strong 65-45-12 Ductile Iron with rear-equalizing vanes. Reduced axial loading improves performance and prolongs seal and bearing life.
- **Compact pump end** - hardy 3/4" Class 30 cast iron pump casing withstands pressures up to 195 psi. Shaft manufactured of 4340 alloy steel with 416 stainless steel shaft sleeve. Drive system requires no bearings, reducing failures and service requirements.
- **Grease lubricated mechanical seal** - simplifies service and provides positive lubrication of tungsten carbide rotating and silicon carbide stationary seal faces.
- **Pump body clean out ports** - multiple, convenient entry ports on the pump casing and discharge valve assembly permit easy service access.
- **EARTHSmart™ eco-friendly prime system** - the highly efficient dry-priming design utilizes an engine-driven compressor/venturi priming system to prevent 'blow-by' of waste and sewage by-product.
- **Fuel efficient design** - The priming system, closed impeller, and high flow discharge valve provide 28 hours of operating time at 2,000 RPM. A 55 gallon fuel tank features fuel gauge, strainer and locking fuel cap.
- **Heavy-duty support jack stands** - all trailer mounted pumps include (5) adjustable outrigger jack support stands.
- **Galvanized hose couplers** - 8" diameter ANSI suction and discharge Bauer hose fittings for secure hose operations.
- **Industrial battery** - heavy-duty 175 amp hour / 990 CCA. Mounted in a lockable frame.



**AP8TB**

8" Trash Pump

Trailer mounted version shown

Maximum Flow - 2,700 GPM

Maximum Head - 213 feet

Maximum Solids - 4-inch



**Low friction, high flow, flapper valve supports optimum water discharge.**



## ActivPrime AP8 Series - 8" Trash Pump Standard Features

- **Proven power plant** - a John Deere 4024T 4-cylinder diesel engine provides on demand power and fuel efficiency. This turbo-charged, water cooled direct injected engine produces 66HP at 2,800 RPM.
- **Full control panel** - ensures accurate monitoring and safeguards during pumping operations. The following gauges and alarm devices are installed: engine oil pressure, tachometer high water temperature, hour meter, volt meter, battery charge lamp, and glow plug indicator.
- **Industrial DOT / NHTSA certified trailer** - ensures safe towing, surface stability, and long term support of the pump. Trailer includes electric brakes with break-away switch, lashing rings, four stabilizing stands and one top wind swivel jack.



## ActivPrime AP8S-Series - 8" Silent Canopy Features

The AP8S-Series offers a fully enclosed, lockable sound suppression canopy. The flexible design provides for (6) locking-hinged doors, with (3) panels that allow unrestricted access to all compartments for servicing. The canopy is modular, and can be simply removed / re-installed.

- **Silent Canopy** - provides superlative sound attenuation - 66 dB(A) at 23' - and is a sandwich construction of: an 18-gauge solid galvalume shell, thick 2" wool fill at 8 pound density encapsulated in a 1-mil polyester moisture barrier, dampening sheet, and 22-gauge perforated galvanized steel inner liner.



## ActivPrime AP8 Series Automatic Start/Stop Option

Provides automatic control of pump system by starting or stopping the diesel engine in response to varying water levels via mechanical float switches. Additionally, audible and visual alerts signal engine restarting through a control panel alarm and beacon attachment.



### Optional AUTO Start/Stop System shown

Auto Controller  
Float Switch Assembly  
Telescopic beacon attachment

### AP8STB

8" Trash Pump  
Trailer mounted version shown  
Maximum Flow - 2,700 GPM  
Maximum Head - 213 feet  
Maximum Solids - 4-inch



A hospital grade silencer  
muffler is standard.

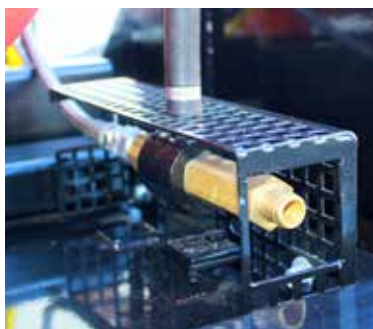




**WHY is the EARTHSmart™ Dry-Priming System the best value in the industry?** The EARTHSmart™ priming design utilizes a trusted gear-driven compressor, venturi assembly, and simple air separator chamber to provide an environmentally safe and highly efficient method of automatic priming and re-priming. This trusted design ensures absolutely zero sewage by-product discharge.

## EarthSmart™ System features

- Lessens the overall power requirements resulting in reduced component wear and operating costs.
- Utilize simple/efficient engine and gear driven compressor and venturi system providing minimal wear parts while eliminating any waste discharge.
- Handles large volumes of air, thus producing quicker priming times.



Venturi assembly is backed with lifetime warranty



Simple, rugged air separator chamber

## Accessories

Model	Description	Notes
HBS610	Suction Hose, 6" x 10'	Kanaflex - with Bauer coupler
HBS810	Suction Hose, 8" x 10'	Kanaflex - with Bauer coupler
HBD625	Discharge Hose, 6" x 25'	Flat PVC 60 psi. - with Bauer coupler
HBD825	Discharge Hose, 8" x 25'	Flat PVC 60 psi. - with Bauer coupler
HBD625HP	Discharge Hose, 6" x 25'	Flat PVC - High Pressure - 150 psi. with Bauer coupler
HBD825HP	Discharge Hose, 8" x 25'	Flat PVC - High Pressure - 150 psi. with Bauer coupler
AP6AS	Pump, Auto Start Asm.	Auto Start Panel - Only
AP6ASF	Pump, Auto Start Asm with floats	Auto Start Panel with Float Asm. - Complete
AP6FS	Pump, Float Switch Asm.	Float Switches - Only
AP6B	Hitch, Ball, 2", APTB Series	—
AP6P	Hitch, Pintle, 3", APTP Series	—
AP6H	Pump, Engine Block Heater	Standard 110 volt outlet
AP6BC	Pump, Battery Charger - 12 Volt	Standard 110 volt outlet
AP6SBC	Pump, Solar Battery Charger Kit	—
AP6QDM	Coupler, 6" Cam/Groove Male	Bolt-on flange, quick disconnect coupler
AP6QDF	Coupler, 6" Cam/Groove Female	Bolt-on flange, quick disconnect coupler
AP8QDM	Coupler, 8" Cam/Groove Male	Bolt-on flange, quick disconnect coupler
AP8QDF	Coupler, 8" Cam/Groove Female	Bolt-on flange, quick disconnect coupler



# ActivPrime Performance Curves

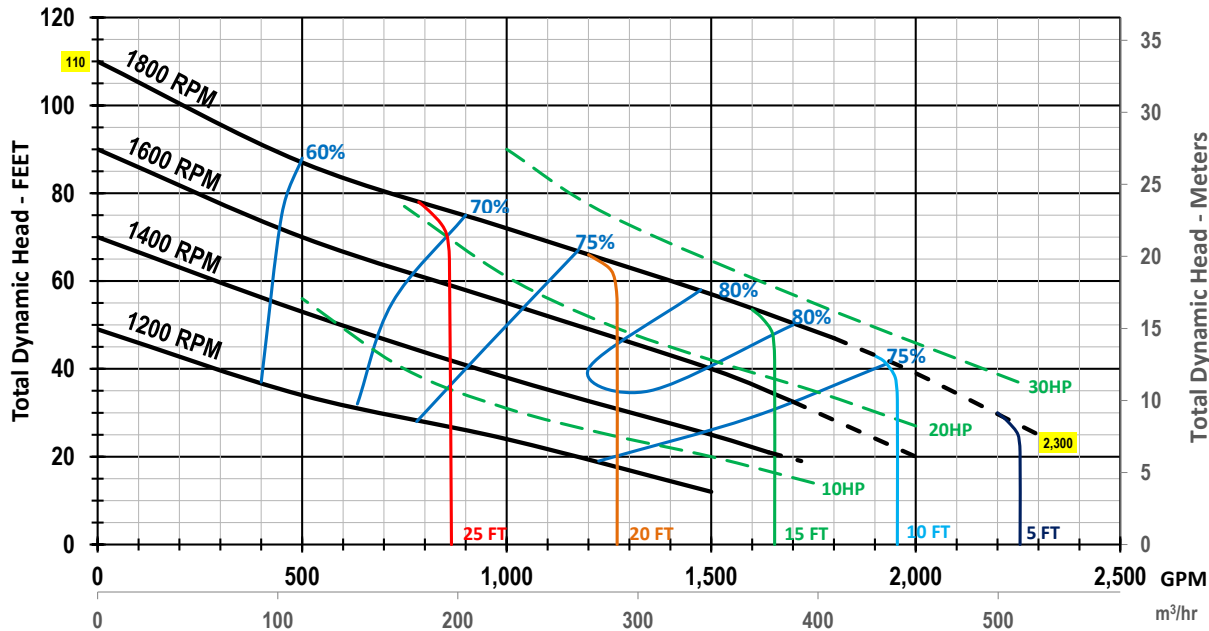
## AP6 Series

6" Trash Pump

Impeller Diameter: 10" (Enclosed)



Hydraulic  
INSTITUTE



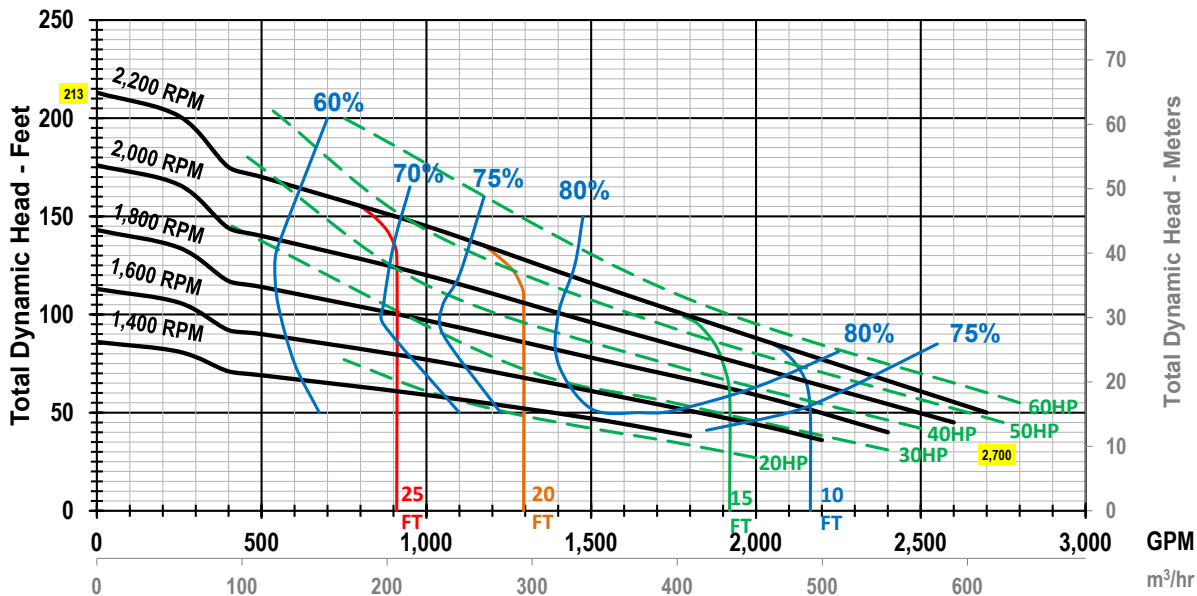
## AP8 Series

8" Trash Pump

Impeller Diameter: 11" (Enclosed)



Hydraulic  
INSTITUTE



# Specifications

## ActivPrime 6-inch Models

AP6-Series 6" x 6" Pumps			Pump Performance			
Model	Pump Mounting	Weight - lbs.	Max. Flow - GPM	2,300	Max. Solids- In	3
AP6	Skid Mounted	2,915	Max. Head - Ft	110	Max. Water Temp. - F°	212
AP6TB	Trailer, Ball Hitch	3,665	Max. Head - PSI	47.6	Max. Casing - PSI	195
AP6TP	Trailer, Pintle Hitch	3,665	Suction Lift - Ft	28	Mechanical Seal	Grease lubricated
AP6S-Series 6" x 6" Pumps - Silent Canopy			Engine Performance			
Model	Pump Mounting	Weight - lbs.	Manufacturer	John Deere	EPA Tier	Tier 4 Interim
AP6S	Skid Mounted	4,300	Type	Turbo Diesel	Fuel Capacity	50 gallon
AP6STB	Trailer, Ball Hitch	4,950	Model	4024TF-281-49	Fuel Consumption	1.75 GPH at 1,800 RPM
AP6STP	Trailer, Pintle Hitch	4,950	Power	49 HP @ 2,800 RPM	Operating Time	28 hours at 1,800 RPM
AP6SAB	Auto Start, Trailer, Ball Hitch	4,980	Priming System			
AP6SAP	Auto Start, Trailer, Pintle Hitch	4,980	Compressor Type	1-cylinder, gear-drive	Compressor Output	8.5 CFM

All models feature Bauer suction (socket) & discharge (ball) galvanized quick-disconnect couplers as standard equipment.

## ActivPrime 8-inch Models

AP8-Series 8" x 8" Pumps			Pump Performance			
Model	Pump Mounting	Weight - lbs.	Max. Flow - GPM	2,700	Max. Solids - In	4
AP8	Skid Mounted	3,425	Max. Head - Ft	213	Max. Water Temp. - F°	212
AP8TB	Trailer, Ball Hitch	4,185	Max. Head - PSI	71.4	Max. Casing - PSI	195
AP8TP	Trailer, Pintle Hitch	4,185	Suction Lift - Ft	28	Mechanical Seal	Grease lubricated
AP8S-Series 8" x 8" Pumps - Silent Canopy			Engine Performance			
Model	Pump Mounting	Weight - lbs.	Engine Mfg.	John Deere	EPA Tier	Tier 4 Interim
AP8S	Skid Mounted	5,037	Type	Turbo Diesel	Fuel Capacity	55 gallon
AP8STB	Trailer, Ball Hitch	5,825	Model	4024TF-295-66	Fuel Consumption	1.94 GPH at 2,000 RPM
AP8STP	Trailer, Pintle Hitch	5,825	Power	66 HP @ 2,800 RPM	Operating Time	28 hours at 2,000 RPM
AP8SAB	Auto Start, Trailer, Ball Hitch	5,875	Priming System			
AP8SAP	Auto Start, Trailer, Pintle Hitch	5,875	Compressor Type	1-cylinder, gear-drive	Compressor Output	8.5 CFM

All models feature Bauer suction (socket) & discharge (ball) galvanized quick-disconnect couplers as standard equipment.

Your Multiquip dealer is:

Connect with us on



All features and specifications are subject to change without notice.  
Form MQMA-CONPUM-D Rev. P (01-13)