



Environmentally friendly  
automatic priming pumps.



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## 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 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

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

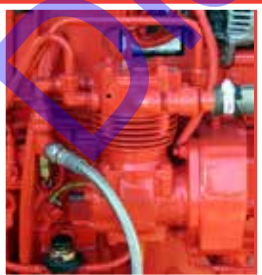
The AP6S-Series offers a fully enclosed, lockable sound suppression canopy. The flexible design provides for (6) locking-hinged doors, with (3) panels that allow unrestricted access to all compartments for servicing. The canopy is modular, and can be simply removed / re-installed.

- **Silent canopy** - provides superlative sound attenuation - 66 dB(A) at 23' - and is a sandwich construction of: an 18-gauge solid galvaneal 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



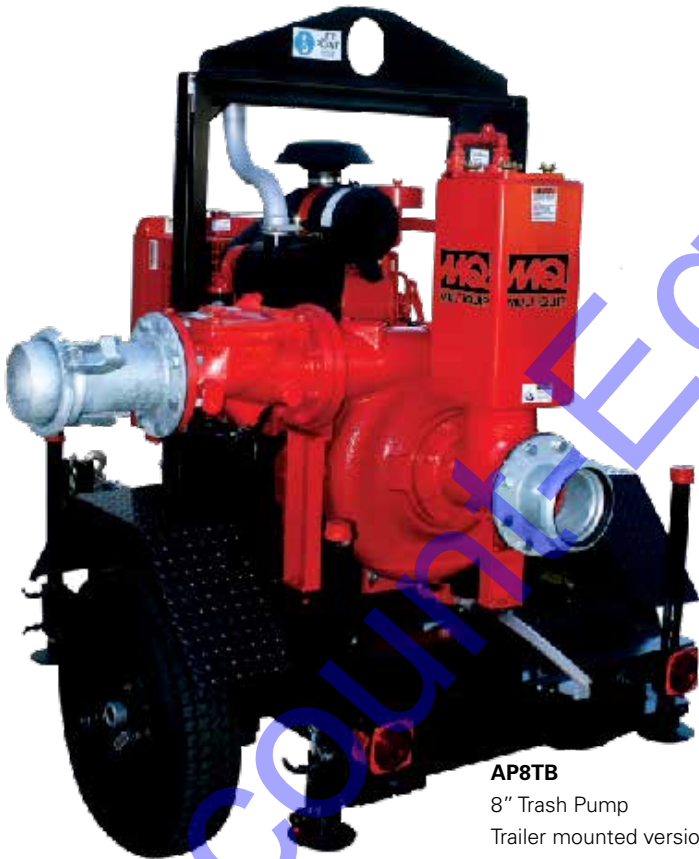
A rugged single cylinder, gear driven, water cooled compressor provides continuous 8.5 CFM air pressure. Compressor covered by 2 year warranty.



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.
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- **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

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### 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

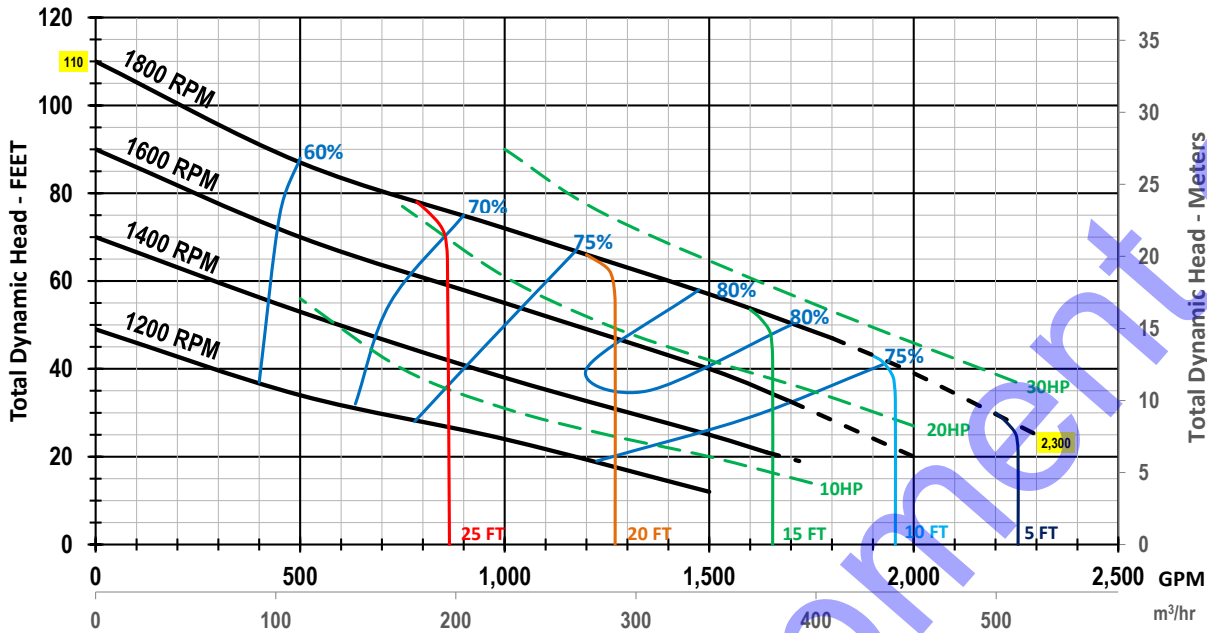
## AP6 Series

6" Trash Pump

Impeller Diameter: 10" (Enclosed)



Hydraulic INSTITUTE



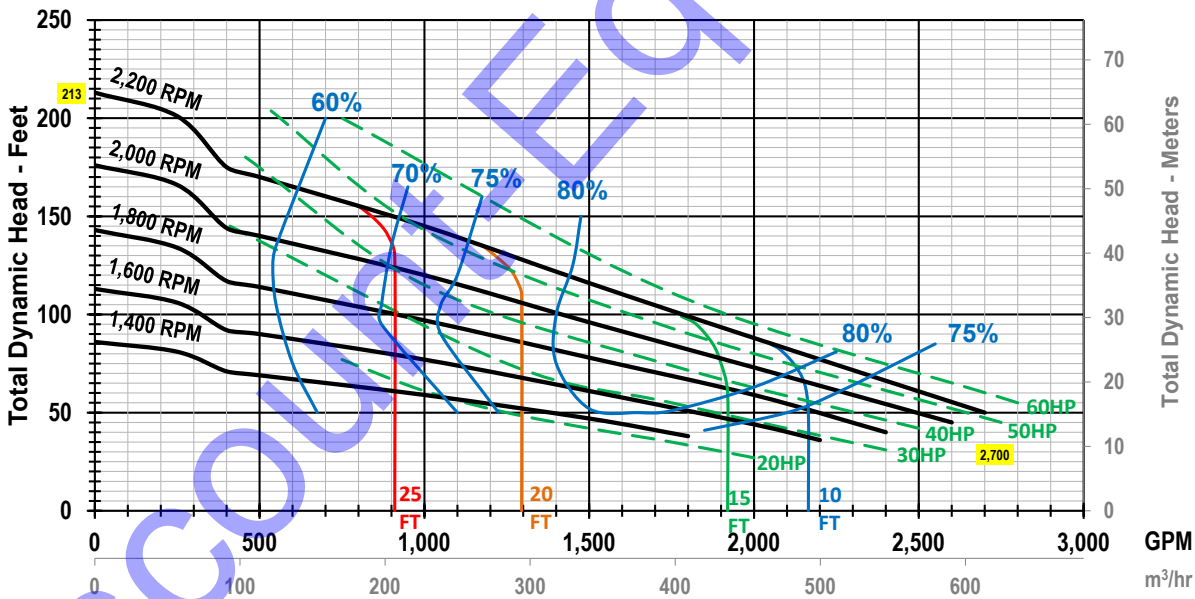
## AP8 Series

8" Trash Pump

Impeller Diameter: 11" (Enclosed)



Hydraulic INSTITUTE



# Specifications

## ActivPrime 6-inch Models

| AP6 - SERIES 6" Pumps                    |  |           | Pump Performance   |                        |                       |                       |
|--|--|-----------|--------------------|------------------------|-----------------------|-----------------------|
| Model                                    | Features                                 | Wt - lbs. | Max. Flow - GPM    | 2,300                  | Max. Solids- In       | 3                     |
| AP6                                      | Skid Mounted, Std. Control Panel         | 2,915     | Max. Head - Ft     | 110                    | Max. Water Temp. - F° | 200                   |
| AP6A                                     | Skid Mounted, AUTO Control Panel         | 2,915     | Max. Head - PSI    | 47.6                   | Max. Casing - PSI     | 130                   |
| AP6TB                                    | 2 5/16" Ball Trailer, Std. Control Panel | 3,665     | Suction Lift - Ft  | 28                     | Mechanical Seal       | Grease lubricated     |
| AP6TP                                    | 3" Pintle Trailer, Std. Control Panel    | 3,665     |                    |                        |                       |                       |
| AP6ATB                                   | 2 5/16" Ball Trailer, AUTO Control Panel | 3,665     | Engine Performance |                        |                       |                       |
| AP6ATP                                   | 3" Pintle Trailer, AUTO Control Panel    | 3,665     | Manufacturer       | John Deere             | EPA Tier              | Tier 4 Interim        |
|  |  |           | Type               | Turbo Diesel           | Fuel Capacity         | 50 gallon             |
| AP6 - SERIES 6" Pumps - w/ Silent Canopy |  |           | Model              | 4024TF-281-49          | Fuel Consumption      | 1.75 GPH at 1,800 RPM |
|  |  |           | Power              | 49 HP @ 2,800 RPM      | Operating Time        | 28 hours at 1,800 RPM |
|  |  |           | Priming System     |                        |                       |                       |
| AP6SAB                                   | 2 5/16" Ball Trailer, AUTO Control Panel | 4,950     | Compressor Type    | 1-cylinder, gear-drive | Compressor Output     | 8.5 CFM               |
| AP6SAP                                   | 3" Pintle Trailer, AUTO Control Panel    | 4,950     |                    |                        |                       |                       |

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

## ActivPrime 8-inch Models

| AP8 - SERIES 8" Pumps                    |  |           | Pump Performance   |                        |                       |                       |
|--|--|-----------|--------------------|------------------------|-----------------------|-----------------------|
| Model                                    | Features                                 | Wt - lbs. | Max. Flow - GPM    | 2,700                  | Max. Solids - In      | 4                     |
| AP8                                      | Skid Mounted, Std. Control Panel         | 3,425     | Max. Head - Ft     | 213                    | Max. Water Temp. - F° | 200                   |
| AP8A                                     | Skid Mounted, AUTO Control Panel         | 3,425     | Max. Head - PSI    | 71.4                   | Max. Casing - PSI     | 130                   |
| AP8TB                                    | 2 5/16" Ball Trailer, Std. Control Panel | 4,185     | Suction Lift - Ft  | 28                     | Mechanical Seal       | Grease lubricated     |
| AP8TP                                    | 3" Pintle Trailer, Std. Control Panel    | 4,185     |                    |                        |                       |                       |
| AP8ATB                                   | 2 5/16" Ball Trailer, AUTO Control Panel | 4,185     | Engine Performance |                        |                       |                       |
| AP8ATP                                   | 3" Pintle Trailer, AUTO Control Panel    | 4,185     | Engine Mfg.        | John Deere             | EPA Tier              | Tier 4 Interim        |
|  |  |           | Type               | Turbo Diesel           | Fuel Capacity         | 75 gallon             |
| AP8 - SERIES 8" Pumps - w/ Silent Canopy |  |           | Model              | 4024TF-290-74          | Fuel Consumption      | 4.18 GPH at 2,000 RPM |
|  |  |           | Power              | 74 HP @ 2,400 RPM      | Operating Time        | 28 hours at 2,000 RPM |
|  |  |           | Priming System     |                        |                       |                       |
| AP8SAB                                   | 2 5/16" Ball Trailer, AUTO Control Panel | 5,875     | Compressor Type    | 1-cylinder, gear-drive | Compressor Output     | 8.5 CFM               |
| AP8SAP                                   | 3" Pintle Trailer, AUTO Control Panel    | 5,875     |                    |                        |                       |                       |

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

