



Centrifugal Pumps with Double Oasis Wet Seals

Pump Reliability:

- Oasis™ Double Wet Seal operates in Barrier Fluid Eliminating Run Dry & Abrasion Failures. Pressurized Barrier Fluid prevents Chemical Contact with Seal.
- E-Coat Protection on all castings for Excellent Corrosion Protection.

Hydraulic Motor:

- 4,000 PSI Maximum Pressure.
- Five Motor Bearings.
- Integrated Anti-Cavitation Check.

2-Year Warranty on Pump & Hydraulic Motor



650 • 750 • 855 Series

750 & 850 Models are Standard with Oasis™ Double Wet Mechanical Seal

(Severe Duty and Oasis™ Double Wet Seals also available for 650 Series)

PWM Valves Available for All Models Except the 855 Series



Part No.	Description
AC FMC650HYD	Cast Iron Centrifugal Pump. 1-1/2" x 1-1/4" FPT. 14.5 GPM. Hydraulic Motor. Maximum Flow is 170 GPM. Maximum Pressure is 160 PSI. Single Mechanical Seal. Wt. 39 lbs.
AC FMC650FHYD	Cast Iron Centrifugal Pump. 14.5 GPM Hydraulic Motor. Inlet 220 Full Port Flange & 1-1/2" NPT Outlet 200 Standard Port Flange & 1-1/4" NPT. 170 GPM & 160 PSI. Single Mech. Seal. Wt. 43 lbs.
AC FMC650FHYDWS	Same as Above but with Oasis™ Double Wet Seal
AC FMC750FHYDM22	Cast Iron Centrifugal Pump. 18 GPM Hyd. Motor. 300 Series Flanged Suction x 220 Series Flanged Discharge. 280 GPM & 150 PSI. Oasis™ Double Wet Seal. Wt. 70 lbs.
AC FMC750FHYDM25	Cast Iron Centrifugal Pump. 20 GPM Hyd. Motor. 300 Series Flanged Suction x 220 Series Flanged Discharge. 290 GPM & 150 PSI. Oasis™ Double Wet Seal. Wt. 70 lbs.
AC FMC855F-HYD	Cast Iron Centrifugal Pump. 20-23 GPM Hyd. Motor. 300 Series (3") Flanges. 345 GPM & 150 PSI. Oasis™ Double Wet Seal. Wt. 80 lbs.

Replacement Seals

AC BAC-7-650	Single Viton® / Carbon / Ceramic Seal for 650
AC BAC-7-650-WS	Double Wet Seal for 650WS
AC BAC-7-750V	Double Wet Seal for 750



External Reservoir

- Use with Oasis WetSeal™ Technology On Pump Models:
 - FMCWS-650 Models
 - FMC-750F Models
 - FMC-850F Models
- Excellent Visibility & Easy Service Regardless of Pump Location
- Provides Extra Barrier Fluid for Extended Service Intervals
- Regulator & Gauge Assures Ideal Air Pressure At All Times
- Comes with (1) Quart of "Royal Purple" Seal Barrier Fluid

Part No.	Description
AC 45281	External Reservoir with "Royal Purple" Seal Barrier Fluid
AC 55032	Replacement Quart of Seal Barrier Fluid..



Centrifugal Pumps with Integrated Valves

These **Pumps** include **PULSEWIDTH MODULATED Control Valves**. Provides quick rate changes for constant and variable rate applications. For use with Closed Center Hydraulic Systems. Pumps run only as fast as needed. Twin valve design prevents overspeeding. Valox impeller standard, cast iron or stainless are optional. Deutsch connectors (2 Pin female DT04-2P).



Part No.	Description	Wt.
AC 150F-PWM-206	Cast Iron Pump with 7 GPM Hydraulic Motor with PWM Valve. Inlet is Flanged 220FP & 1-1/2" FPT, Outlet is Flanged 200 Std. Port & 1-1/4" FPT. 145 GPM - 120 PSI Max. Severe Duty Silicon Carbide Seal	38 lbs.
AC150FS-PWM-206	Same As Above but with 316 Stainless Pump	38 lbs.
AC 150F-PWM	Cast Iron Pump with 11 GPM Hydraulic Motor with PWM Valve. Inlet is Flanged 220FP & 1-1/2" FPT, Outlet is Flanged 200 Std. Port & 1-1/4" FPT. 155 GPM - 130 PSI Max. Severe Duty Silicon Carbide Seal	38 lbs.
AC 155FS-PWM	316 Stainless Pump with 11 GPM Hydraulic Motor with PWM Valve. Inlet is Flanged 220FP & 1-1/2" FPT, Outlet is Flanged 200 Std. Port & 1-1/4" FPT. 155 GPM - 130 PSI Max. Severe Duty Silicon Carbide Seal	37 lbs.
AC 205F-PWM	Cast Iron Pump with 13 GPM Hydraulic Motor with PWM Valve. Inlet is Flanged 300 Inlet Port & Flanged 220 FP, Outlet Port. 240 GPM - 120 PSI Max. Severe Duty Silicon Carbide Seal	40 lbs.
AC 205FS-PWM	316 Stainless Pump with 13 GPM Hydraulic Motor with PWM Valve. Inlet is Flanged 300 Inlet Port & Flanged 220 FP, Outlet Port. 240 GPM Max. - 120 PSI. Severe Duty Silicon Carbide Seal	40 lbs.



Dual Hydraulic Pump Control System



Includes:

- Switch Box Assembly
- Valve Manifold
- Implement Wire Harness
- Hydraulic Return Tee & Adapter for Load Sense (LS) Port

Features: Operate two pumps independently • Supply oil from one tractor remote or power beyond circuit • **Two Modes of Operation: Manual Mode** that has independent on/off operation from the cab with independent manual flow adjustment at the hydraulic manifold and **PWM Mode** that has independent pump regulation with PWM signal from the rate controller (*Rate controller not included*) • **Use with any ACE pump equipped with the 204 or 206 Motor.**

Once installed on a planter or sprayer, it allows operators to quickly and easily dial-in separate application rates for liquid fertilizers, herbicides, pesticides and other crop inputs.

Part No.	Description
AC DPK	ACE Gemini Hydraulic Pump Control Kit
AC DPK-EXT	22 Ft. Extension Cable for Above Kit

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