

CENTRIFUGAL SPRAY PUMPS

FOR HYDRAULIC, GAS ENGINE,
& SHAFT DRIVES



EFFICIENT, VERSATILE, AND BUILT TO LAST

John Blue Company offers a wide range of centrifugal spray pumps designed for different drives, including hydraulic, shaft, and engine drives. The newest addition is the CS-200 Series for Hydraulic Drives which is available in three models. All of our Centrifugal Spray Pumps move your hard-to-handle products quickly and efficiently. Our chemical-resistant cast iron pumps are designed for agricultural and industrial spraying and are used for various applications. The hydraulic drive models feature a manifold block that protects and regulates.



CENTRIFUGAL SPRAY PUMPS

FOR HYDRAULIC DRIVES

CS-200 SERIES CENTRIFUGAL SPRAY PUMPS FOR HYDRAULIC DRIVES

223 GPM Max Flow @ 3600 RPM

98 PSI Max Pressure @ 3600 RPM

Max Speed 3600

½" Shaft Interface

2" FPT Pump Inlet Port Size

1 ½" FPT Pump Outlet Port Size

4 GPM Max Hydraulic Flow Required

3000 PSI Max Hydraulic Pressure Required

Vac-U-Seal Impeller

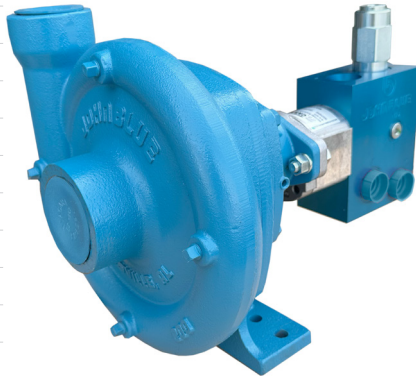
Close-coupled Shaft

Double Wet Seal Assembly

Chemical Resistant Materials

½" FPT drain port

Optional Manifold Block Protects
and Regulates



CS-200-HYM



THANKS FOR CONTINUING TO BUILD GREAT AG
PRODUCTS THAT LAST FOR GENERATIONS! – ALLEN

CS-150 SERIES CENTRIFUGAL SPRAY PUMPS FOR HYDRAULIC DRIVES

151 GPM Max Flow @ 3600 RPM

73 PSI Max Pressure @ 3600 RPM

107 GPM @ 25 PSI

Max Speed 3600

1½" FPT and 220 Flanged Inlet

1¼" FPT and 200 Flanged Outlet

4 GPM Max Hydraulic Flow Required

3000 PSI Max Hydraulic Pressure Required

Vac-U-Seal Impeller

Close-coupled Shaft

Double Wet Seal Assembly

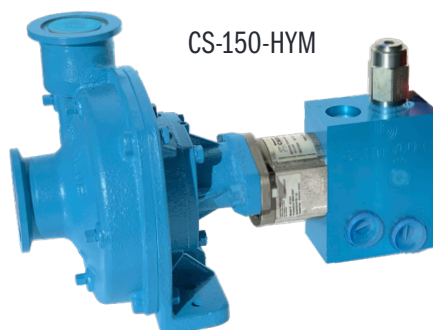
Chemical Resistant Materials

Fully Assembled From the Factory

Optional Manifold Block Protects
and Regulates



CS-150-HY



CS-150-HYM



MANIFOLD BLOCK BENEFITS FOR CS SERIES PUMPS

▶ Protects the hydraulic motor from pressure spikes

The manifold prevents pressures above 2500 PSI from entering the hydraulic motor.* Excess pressure is forced to exit the manifold and return to the hydraulic circuit downstream of the motor.

▶ Regulates flow and provides proper flow to the hydraulic motor

The manifold only allows 4 GPM of hydraulic flow to enter the hydraulic motor. Excess flow is forced to exit the manifold and return to the hydraulic circuit downstream of the motor.

▶ Protects the hydraulic motor from cavitation damage

The manifold utilizes an anti-cavitation valve that prevents damage from cavitation when the inlet pressure decreases as the pump is stopped.

▶ Prevents seal damage in hydraulic motor

The manifold prevents flow from entering the exit port of the manifold, therefore preventing damage to the seals in the hydraulic motor if the plumbing were reversed or backflow occurs in the hydraulic circuit.

▶ Prevents plumbing confusion

No additional check valves are required. Plumbing ports with the inlet or pressure (P) port and the outlet or tank (T) port are both conveniently located on the back of the manifold. Both ports are labeled to identify each port easily during the plumbing process.

*The manifold prevents pressures above 3000 PSI from entering the hydraulic motor for the CS-200.

CENTRIFUGAL SPRAY PUMPS

FOR GAS ENGINE & SHAFT DRIVES

CS-155 SERIES CENTRIFUGAL SPRAY PUMPS FOR GAS ENGINES

142 GPM Max Flow @ 3600 RPM
105 PSI Max Pressure @ 3600 RPM
135 GPM @ 25 PSI
Max Speed 3600
1½" FPT and 220 Flanged Inlet
1¼" FPT and 200 Flanged Outlet
Required Horsepower: 5HP
¾" Shaft on Gas Engine Models
Vac-U-Seal Impeller
Close-coupled Shaft
Double Wet Seal Assembly
Chemical Resistant Materials
Fully Assembled From the Factory



CS-155RG-5H



CS-155RG

CS-150 CENTRIFUGAL SPRAY PUMPS SHAFT ONLY

¾" Shaft on Shaft Driven Models	Vac-U-Seal Impeller
151 GPM Max Flow @ 3750 RPM	Close-coupled Shaft
80 PSI Max Pressure @ 3750 RPM Shaft	Double Wet Seal Assembly
Size: ¾" Inner Diameter	Chemical Resistant Materials
1½" FPT and 220 Flanged Inlet	Fully Assembled From the Factory
1¼" FPT and 200 Flanged Outlet	



CS-150

BENEFITS OF JOHN BLUE



✓ Warranty

John Blue CS Series Pumps hold a 1-Year Warranty from the date of sale. Tried and true, depend on Blue.

✓ Wet Seal

John Blue's double wet seal design protects your pump from damage if run dry - giving you peace of mind.

✓ Technical Support

Our knowledgeable sales team with over 75 years combined experience is here to assist you.

✓ Use the Engine of Your Choice

The CS-155RG is ready to accept a ¾" engine shaft of your choice. Replace your old pump with the Quality of Blue and keep your own engine.



CENTRIFUGAL SPRAY PUMPS

Centrifugal Spray Pump for Hydraulic Drive



Part Number	Pump Type
CS-150-H	1-1/2" x 1-1/4" Spray Centrifugal, with Hydraulic Adapter
CS-150-HY	1-1/2" x 1-1/4" Spray Centrifugal, with Hydraulic Motor
CS-150-HYM	1-1/2" x 1-1/4" Spray Centrifugal, with Hydraulic Motor and Manifold
CS-200-H	2" x 1-1/2" Spray Centrifugal, with Hydraulic Adapter
CS-200-HY	2" x 1-1/2" Spray Centrifugal, with Hydraulic Motor
CS-200-HYM	2" x 1-1/2" Spray Centrifugal, with Hydraulic Motor and Manifold

Centrifugal Spray Pump for Shaft & Engine Drives



Part Number	Pump Type
CS-150	1-1/2" x 1-1/4" Spray Centrifugal, Shaft only
CS-155RG	1-1/2" x 1-1/4" Spray Centrifugal, Reverse Rotation, for Gas Engine
CS-155RG-5H	1-1/2" x 1-1/4" Spray Centrifugal, with GX 160 Honda Engine, 5 HP
CS-155RG-6B	1-1/2" x 1-1/4" Spray Centrifugal, with Briggs Pro Engine, 6 HP



CONTACT US TODAY:

Call 1-800-253-2583 or email:

info@johnblue.com

ABOUT JOHN BLUE COMPANY

John Blue Company manufactures agricultural and industrial pumps, products, and systems. Since 1886, farmers have counted on John Blue agricultural pumps for reliability, serviceability, and value that are "Guaranteed to Do the Job". John Blue offers a wide range of applications including irrigation, liquid metering, and chemical injection. Industry innovation remains a priority, and our product offering continues to evolve each year as we engineer and produce products that farmers need.

For more information, visit our web site: johnblue.com



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POLYPROPYLENE (PSP) CENTRIFUGAL PUMPS



PSP-3240



PATENT-PENDING 2" SELF-PRIMING POLY-CENTRIFUGAL PUMPS

200 GPM Max Flow
 45 PSI Max Pressure
 112 GPM @ 25 PSI
 Max Speed 3600
 Required Horsepower: 5 HP
 2" Inlet & Outlet FPT

Vac-U-Seal Impeller
 Close-coupled Shaft
 Fits 3/4" Diameter Shaft
 Double Wet Seal Assembly
 Chemical Resistant Materials
 1" FPT pressure access & 1/2" FPT drain port



PSP-3340-BSFLG



PATENT-PENDING 3" SELF-PRIMING POLY-CENTRIFUGAL PUMPS

375 GPM Max Flow
 73 PSI Max Pressure
 Max Speed 3600
 Required Horsepower: 10 HP
 3" Inlet & Outlet FPT
 Vac-U-Seal Impeller

Close-coupled Shaft
 Fits 1" and 1-1/8" Diameter Shafts
 Double Wet Seal Assembly
 Chemical Resistant Materials
 1" FPT pressure access & 1/2" FPT drain port

PRODUCT FEATURES

- Fully-assembled from the factory—ready to be attached to power source immediately.
- Double Wet Seal Assembly—pump can be run dry without causing seal failure. The seal is antifreeze cooled. (Antifreeze is pre-filled from the factory.)
- Closed Impeller Technology—pump efficiency improves over time as the impeller wears.
- Polypropylene Body, FKM and Viton® Seals, 316SS Impeller Shaft for excellent chemical resistance.
- Pump can be removed, or engine can be replaced without having to disassemble the pump.



PSP-3240-G5H



PSP-3240-E5T3B



PSP-3340-G13H

PSP - Poly-Centrifugal Models

Part Number	Pump Type
PSP-3240	2" Poly SP Centrifugal, Engine mount
PSP-3240-FLG	2" Poly SP Centrifugal, Engine mount, Flanged Fittings
PSP-3240-E	2" Poly SP Centrifugal, Electric Motor Mount
PSP-3240-EFLG	2" Poly SP Centrifugal, Electric Motor Mount, Flanged Fittings
PSP-3240-G5H	2" Poly SP Centrifugal, with 5 HP Honda GX160 Motor
PSP-3240-G5HFLG	2" Poly SP Centrifugal, with 5 HP Honda GX160 Motor, Flanged Fittings
PSP-3240-G6H	2" Poly SP Centrifugal, with 6 HP Honda GX200 Motor
PSP-3240-G6HFLG	2" Poly SP Centrifugal, with 5 HP Honda GX200 Motor, Flanged Fittings
PSP-3240-E5D1B	2" Poly SP Centrifugal, 5 HP Electric Drip Proof, 1 Phase
PSP-3240-E5D1BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric Drip Proof, 1 Phase
PSP-3240-E5D3B	2" Poly SP Centrifugal, 5 HP Electric Drip Proof, 3 Phase
PSP-3240-E5D3BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric Drip Proof, 3 Phase
PSP-3240-E5T1B	2" Poly SP Centrifugal, 5 HP Electric TEFC, 1 Phase
PSP-3240-E5T1BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric TEFC, 1 Phase
PSP-3240-E5T3B	2" Poly SP Centrifugal, 5 HP Electric TEFC, 3 Phase
PSP-3240-E5T3BFLG	2" Poly SP Centrifugal, 220 Flange Adapters, 5 HP Electric TEFC, 3 Phase
PSP-3240-P	2" Poly SP Centrifugal with Pedestal
PSP-3240-PFLG	2" Poly SP Centrifugal with Pedestal and Flanges
PSP-3240-PH2	2" Poly SP Centrifugal with Hydraulic Motor
PSP-3240-PH2FLG	2" Poly SP Centrifugal with Hydraulic Motor and Flanges
PSP-3240-G6B	2" Poly SP Centrifugal with 6 HP Briggs & Stratton Pro Engine
PSP-3240-G6BFLG	2" Poly SP Centrifugal with 6 HP Briggs & Stratton Pro Engine and Flanges
NEW! PSP-3240-G6HE	2" Poly SP Centrifugal with 6HP Honda GX200 Engine with Electric Start and Base
NEW! PSP-3240-G6HEFLG	2" Poly SP Centrifugal with 6HP Honda GX200 Engine with Electric Start and Base, Flanged Fittings
PSP-3340	3" Poly SP Centrifugal, Engine mount, 1-1/8" Shaft
PSP-3340-BS	3" Poly SP Centrifugal, Engine mount, 1" Shaft, Keyed shaft clamp standard
PSP-3340-E	3" Poly SP Centrifugal, Electric Motor Mount
PSP-3340-BSFLG	3" Poly SP Centrifugal, Engine mount, Keyed shaft clamp standard, and Flanges
PSP-3340-E10TB	3" Poly SP Centrifugal, 10 HP Electric TEFC, 3 Phase
PSP-3340-E10TB-1	3" Poly SP Centrifugal, 10 HP Electric TEFC, 1 Phase
PSP-3340-E10TB-1FLG	3" Poly SP Centrifugal, 10 HP Electric TEFC, 1 Phase, and Flanges
PSP-3340-E10TBFLG	3" Poly SP Centrifugal, 10 HP Electric TEFC, 3 Phase, and Flanges
PSP-3340-EFLG	3" Poly SP Centrifugal, Electric Motor Mount, and Flanges
PSP-3340-G13H	3" Poly SP Centrifugal, 13 HP Honda Gas Electric Start with Base
PSP-3340-G13HFLG	3" Poly SP Centrifugal, 13 HP Honda Gas Electric Start with Base and Flanges
PSP-3340-G14K	3" Poly SP Centrifugal, 14 HP Kohler Gas Electric Start with Base
PSP-3340-G14KFLG	3" Poly SP Centrifugal, 14 HP Kohler Gas Electric Start with Base and Flanges
PSP-3340-G14V	3" Poly SP Centrifugal, 14 HP Vanguard Gas Electric Start with Base
PSP-3340-G14VFLG	3" Poly SP Centrifugal, 14 HP Vanguard Gas Electric Start with Base and Flanges

Part Number	Accessories
116287-01	Optional Screw-in 220 Flange Adapter
116395-91	Base Rail Kit - 2" Poly Pump
116476-91	2" PSP Electric Front Mount Kit
116431-01	Optional Screw-in M300 Flange Adapter
116491-01A	3" Poly Pump Base Plate for Gas/10 HP Electric



IF YOU NEED A DE-ICING PUMP THAT'S PORTABLE, DURABLE, AND AFFORDABLE, OUR NEW LIGHTWEIGHT POLY-PUMP IS JUST WHAT YOU NEED.



PSP-3340



PSP-3240

In addition to being an excellent choice for most agriculture and industrial uses, John Blue Polypropylene Transfer Pumps are an excellent choice for transferring liquid de-icing product, to keep your surfaces free of ice and snow.

Specifically, our 3" PSP-3340 and 2" PSP-3240 pumps come fully-assembled from our factory, and are made entirely out of Polypropylene, FKM, Viton, and 316 Stainless Steel – they can handle even the harshest liquid de-icing products on the market! Dry salt products can cause concrete damage and leave behind a dusty, messy residue, but liquid salt products can give faster results, work in lower temperatures, and dry to a fine consistency that simply blows away (less mess!). John Blue Poly-Centrifugal pumps are the most dependable and affordable choice for your de-icing applications.