



Semi-Trash

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3IN / PKX320ST

Pump Overview:

PKX320ST

Pump Family Overview:

For demanding water removal applications where small abrasive material may cause premature wear on centrifugal pumps, Subaru offers a complete line of semi-trash units. Deeper impeller vanes coupled with a large volute discharge opening allow Subaru's semi-trash pumps to pass water containing particulate matter and small solid objects without clogging the passage. These self-priming construction pumps feature a tough silicone-carbide mechanical seal and a quick clean-out port for easy maintenance and long service life.

Specifications:

Type	Self Priming
Suction/Discharge Size	3 inches
Maximum Capacity	246 gallons per minute
Maximum Lift Head	92 feet
Maximum Suction Lift	26 feet
Maximum PSI (max. head/2.31)	40
Mechanical Seal Material	Silicon Carbide
Engine Model	EX17
Engine Type	Subaru air-cooled, 4 cycle, OHC
Fuel	Gasoline
Horsepower	5.7 HP
Low Oil System	Shutdown
Spark Arrestor	Standard
Run Time (per tank, full load)	1.8 hours
Fuel Tank Capacity	.85 gallons
Starting System	Recoil
Dimensions (LxWxH)	19.9" x 15.2" x 18.4"
Net Weight	69 lbs.
Tool Kit	Standard
Vibration Isolators (loose)	Standard
Hose Coupling	Standard
Hose Band	Standard
Strainer	Standard

Key Features & Benefits:

Self Priming	Self priming pumps require initial priming to operate.
Silicon Carbide Mechanical Seal	Heavy-duty, self-lubricating silicon carbide mechanical seal resists wear from abrasive debris, while easily replaceable shims maximize performance over the pump's life.
Cast-Iron Impeller and Volute	Abrasion-resistant, hardened cast-iron impeller and volute effectively withstands suspended debris sucked through the strainer.
Die-Cast Pump Housing	Lightweight die-cast aluminum pump housing provides strong durability against damaging debris.
Shimmable Impeller to Volute	Shims allow the clearance to be readjusted between the impeller and volute as the pump wears from dirt and grit. This saves the cost of replacing the major pump components.
Standard Accessories	Standard accessories include tool kit, hose coupling, hose band and strainer.
Metal Fuel Tank with Strainer	Metal fuel tank provides extended run times between refills. The fuel strainer prevents debris from entering the tank.
Low Oil Shutdown	Subaru engines incorporate a low oil shutdown that shuts off the engine when low oil level is detected.
Muffler with Spark Arrestor	Subaru specifically engineers each muffler to each engine, therefore providing optimum sound reduction. Each muffler includes a US Forestry-approved spark arrestor.
Fuel Shut-Off with Sediment Cup	Shut-off valve is used when transporting or servicing the pump. The translucent sediment cup and filter allow the operator to see if any water or dirt have entered the engine. The cup can be removed, cleaned and reinstalled.