

Full Line
PUMPS

 **SUBARU**
Industrial Power Products



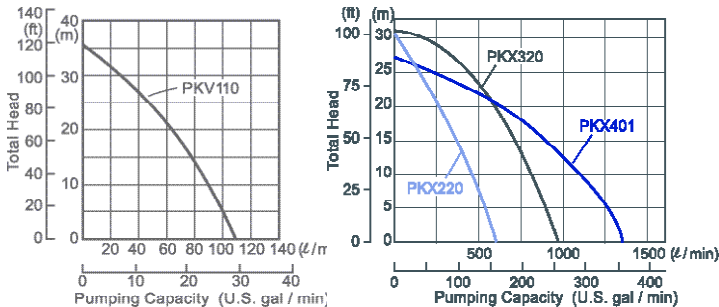
Pumps
CENTRIFUGAL

28-356 GPM
PKV110 | PKX220 | PKX320 | PKX401



Pump Performance

- PKV110** 1-inch suction/discharge ports | 28 gpm maximum discharge capacity
- PKX220** 2-inch suction/discharge ports | 172gpm maximum discharge capacity
- PKX320** 3-inch suction/discharge ports | 291 gpm maximum discharge capacity
- PKX401** 4-inch suction/discharge ports | 356 gpm maximum discharge capacity



Features & Benefits

- 1** Lightweight, Die-Cast Aluminum Pump Housing
Offers durability against damaging debris.
- 2** Spheroidal Graphite Cast-Iron Volute
Ensures superior performance and extends service life.
- 3** Wear-Resistant, Heavy-Duty Cast-Iron Impeller
Reduces maintenance.
- 4** Premium Ceramic Carbon Mechanical Seal
Shim system on impeller provides longer pump life.
- 5** Steel Tubular Wraparound Frame
Protects the pump, engine and all components from damage.



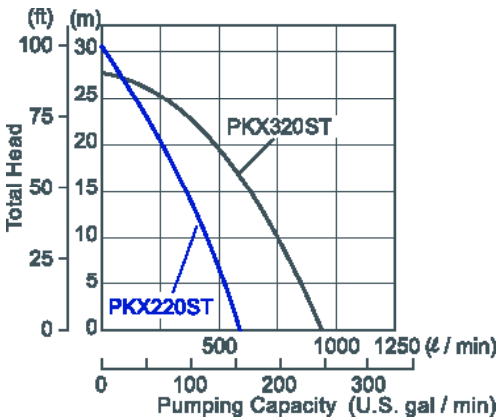
Pumps
SEMI TRASH

153-246 GPM
PKX220ST | PKX320ST



Pump Performance

- PKX220ST** 2-inch suction/discharge ports | 153 gpm maximum discharge capacity
- PKX320ST** 3-inch suction/discharge ports | 246 gpm maximum discharge capacity



Features & Benefits

- 1** Lightweight, Die-Cast Aluminum Pump Housing
Provides durability against damaging debris.
- 2** Spheroidal Graphite Cast-Iron Volute
Provides extra durability for abusive applications.
- 3** Abrasion-Resistant, Spheroidal Graphite Heavy-Duty Cast-Iron Impeller
Reduces maintenance.
- 4** Self-Lubricating Silicon-Carbide Mechanical Seal
Enhances durability and performance. Shim system on impeller extends pump life.
- 5** Steel Tubular Wraparound Frame
Protects the pump, engine and all components from damage.



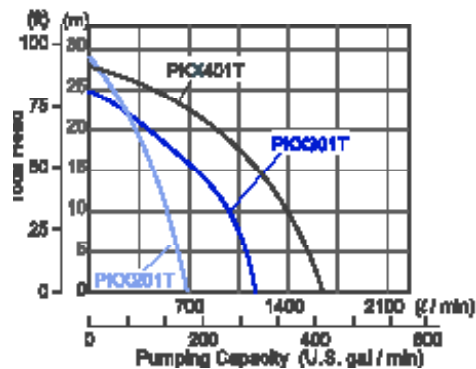
Pumps
TRASH

185-499 GPM
PKX201T | PKX301T | PKX401T



Pump Performance

- PKX201T 2-inch suction/discharge ports | 185 gpm maximum discharge capacity
- PKX301T 3-inch suction/discharge ports | 314 gpm maximum discharge capacity
- PKX401T 4-inch suction/discharge ports | 499 gpm maximum discharge capacity



Features & Benefits

- 1** Lightweight, Die-Cast Aluminum Pump Housing
Provides durability against damaging debris and features easy open cover for quick clean out.
- 2** Spheroidal Graphite Cast-Iron Volute
Withstands solid and abrasive debris, providing long pump life.
- 3** Easily Replaceable Wear Plate
Extends pump life and reduces maintenance costs. (Except model PKX401T)
- 4** Wear-Resistant, High-Chrome Cast-Iron Impeller
Ensures a long service life.
- 5** Self-Lubricating Silicon-Carbide Mechanical Seal
Provides stamina for tough applications. Shim system on impeller enhances performance and extends pump life.
- 6** Steel Tubular Wraparound Frame
Steel tubular wraparound frame protects the pump, engine and all components from damage.



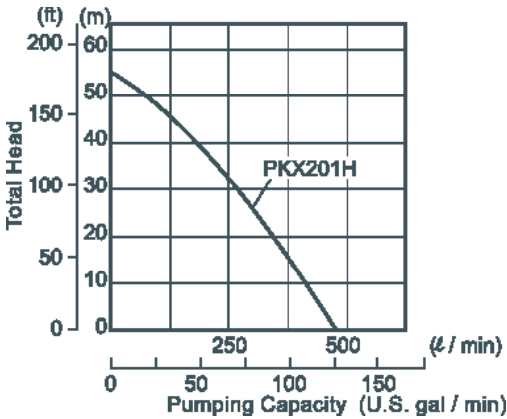
Pumps
HIGH PRESSURE

127 GPM
PKX201H



Pump Performance

- PKX201H** 2-inch suction/discharge ports | 127 gpm maximum discharge capacity 81 psi maximum performance
- Large Diameter Cast-Iron Impeller with Shallow Vanes**
Allows the pump to attain higher pressures for demanding applications.
- Heavy-Duty, Cast-Iron Volute and Ceramic Carbon Mechanical Seal**
Extend service life.
- Self-Priming Pump**
Allows for easy, dependable operation



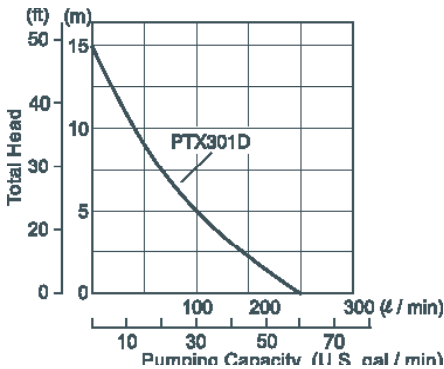
Pumps
DIAPHRAGM

66 GPM
PTX301D



Pump Performance

- PTX301D** 3-inch suction/discharge ports | 66 gpm maximum discharge capacity
- Large Air Chamber**
Decreases shock on the hoses.
- Hardened, Cast-Iron Inner Castings**
Resist wear for extended service life.
- Minimal Moving Parts**
Ensures extended run times and lower maintenance.



Pumps

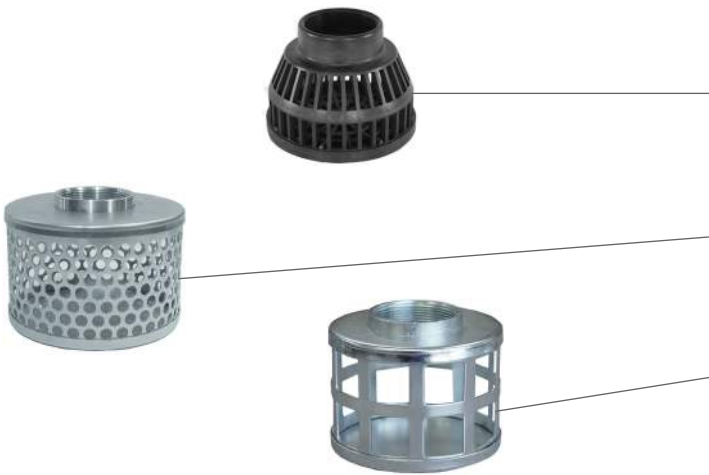
ACCESSORIES



Wheel Kit

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Strainers



Strainers	Part Number
1 1/2" Round Strainer w/ Reducer	9RGV0021RSK
2" Round Hole Steel Strainer	9RGV0022RS
2" Square Hole Steel Strainer	9RGV0022SS
3" Round Hole Steel Strainer	9RGV0023RS
3" Square Hole Steel Strainer	9RGV0023SS
4" Round Hole Steel Strainer	9RGV0024RS
4" Square Hole Steel Strainer	9RGV0024SS

TYPICAL PUMP APPLICATION

PUMP	Clear Water	Muddy Water	Sandy Water	High Solid Content	Clear Water - High Lift
Centrifugal	Best				
Diaphragm	Good	Best	Best	Best	
High-Pressure	Good				Best
Semi-Trash	Good	Good	Good	Good	
Trash	Good	Best	Best	Best	

Hose Kits

Gaskets	Part Number
1" Gasket	9RGV0021QCG
2" Gasket	9RGV0022QCG
3" Gasket	9RGV0023QCG
4" Gasket	9RGV0024QCG



Gasket for Pin Lug Hoses

Gasket for Quick Coupling Hoses

Boxed Hose Kits
Includes 10' Clear PVC Suction, 25' Blue PVC Discharge Hose, Poly Strainer with Reducer
Coupled with Male & Female Brass Couplings

Pump Model	Part Number	Description
PKV110	9RGV0021P	1" PVC Suction & PVC Discharge Hose Kit with Poly Strainer

Boxed Camlock Hose Kits
Includes 10' Green PVC Suction, 25' Blue PVC Discharge Hose, Poly Strainer with Reducer
Suction Hose is Coupled with Camlock and Brass Pipe Nipple (includes Female Pump Adapters)

Pump Model	Part Number	Description
PKV110	9RGV0021QC	1" Camlock Suction & Discharge Hose Kit with Poly Strainer



Boxed Pin Lug Hose Kits
Includes 20' Green PVC Suction, 50' Blue PVC Discharge Hose and Steel Strainer
Coupled with Male & Female Pin Lug Couplings

Pump Model	Part Number	Description
PKX220, PKX220ST, PKX201H, PKX201T	9RGV0022P	2" Pin Lug Suction & Discharge Hose Kit with Steel Strainer & Spanner Wrench
PKX320, PKX320ST, PKX301T, PTX301D	9RGV0023P	3" Pin Lug Suction & Discharge Hose Kit with Steel Strainer & Spanner Wrench
PKX401, PKX401T	9RGV0024P	4" Pin Lug Suction & Discharge Hose Kit with Steel Strainer & Spanner Wrench



Boxed Camlock Hose Kits
Includes 20' Green PVC Suction, 50' Blue PVC Discharge Hose, Poly Strainer with Reducer
Suction Hose is Coupled with Camlock and Brass Pipe Nipple (includes Female Pump Adapters)

Pump Model	Part Number	Description
PKX220, PKX220ST, PKX201H, PKX201T	9RGV0022QC	2" Camlock Suction & Discharge Hose Kit with Steel Strainer
PKX320, PKX320ST, PKX301T, PTX301D	9RGV0023QC	3" Camlock Suction & Discharge Hose Kit with Steel Strainer
PKX401, PKX401T	9RGV0024QC	4" Camlock Suction & Discharge Hose Kit with Steel Strainer

Note: All hose kits come standard with a round hole strainer. Square hole strainers can be purchased seperately.

Pumps

SPECIFICATIONS



PUMP TYPE	CENTRIFUGAL			CENTRIFUGAL		SEMI-TRASH	
PUMP MODEL	PKV110	PKX220	PKX320		PKX401	PKX220ST	PKX320ST
Type	Self-Priming Centrifugal Pump				Self-Priming Centrifugal Pump	Self-Priming Semi-Trash Pump	
Suction/Discharge Size	1 inch	2 inch	3 inch		4 inch	2 inch	3 inch
Maximum Capacity	28 gallons per minute	172 gpm	291 gpm		356 gallons per minute	153 gallons per minute	246 gallons per minute
Maximum Lift Head	115 feet	92 feet	92 feet		89 feet	98 feet	92 feet
Maximum Suction Lift	26 feet	26 feet	26 feet		26 feet	26 feet	26 feet
Maximum PSI (Max. head/2.31)	50 psi	43 psi	44 psi		44 psi	43 psi	40 psi
Mechanical Seal Material	Ceramic Carbon				Ceramic Carbon	Silicon Carbide	
Engine Model	EH025	EX16	EX17		EX27	EX16	EX17
Type	Subaru air-cooled, 4-cycle, OHV gasoline	Subaru air-cooled, 4-cycle, OHC gasoline			Subaru air-cooled, 4-cycle, OHC gasoline		
Horsepower	1.1 hp	4.3 hp	5.7 hp		9.0 hp	4.3 hp	5.7 hp
Low Oil System	N/A	Low Oil Shutdown			Low Oil Shutdown		
Spark Arrestor		•	•		•	•	•
Run Time (per tank, full load)	1.5 hours	2.1 hours	1.8 hours		2.2 hours	2.1 hours	1.8 hours
Fuel Tank Capacity	.13 gallons	.85 gallons	.85 gallons		1.61 gallons	.85 gallons	.85 gallons
Starting System	Recoil Starter				Recoil Starter		
Dimensions (L x W x H)	13.1" x 8.4" x 12.6"	19.9" x 15.2" x 18.4"	19.9" x 15.2" x 18.4"		25.6" x 18" x 25.4"	19.9" x 15.2 x 18.4"	19.9" x 15.2" x 18.4"
Net Weight	12 lbs.	56 lbs.	57 lbs.		112 lbs.	58 lbs.	69 lbs.
Standard Accessories	Tool Kit, Vibration Isolators, Garden Hose Adapter	Tool Kit and Vibration Isolators			Tool Kit and Vibration Isolators	Tool Kit	
Solid Handling	0.2"	0.25"	0.3"		0.35"	0.3"	0.35"



Specifications subject to change without notice | Always read the owner's manual before use.

Pumps

SPECIFICATIONS



PUMP TYPE	TRASH				HIGH PRESSURE PUMP	DIAPHRAGM
PUMP MODEL	PKX201T	PKX301T	PKX401T		PKX201H	PTX301D
Type	Self-Priming Trash Pump				Self-Priming Centrifugal High-Pressure Pump	Self-Priming Diaphragm Pump
Suction/Discharge Size	2 inch	3 inch	4 inch		2 inch	3 inch
Maximum Capacity	185 gallons per minute	314 gallons per minute	499 gallons per minute		127 gallons per minute	66 gallons per minute
Maximum Lift Head	95 feet	82 feet	92 feet		187 feet	49 feet
Maximum Suction Lift	26 feet	26 feet	26 feet		26 feet	25 feet
Maximum PSI (Max. head/2.31)	41 psi	36 psi	40 psi		81 psi	21 psi
Mechanical Seal Material	Silicon Carbide				Ceramic Carbon	N/A
Engine Model	EX17	EX27	EX40		EX17	EX17
Type	Subaru air-cooled, 4-cycle, OHC gasoline		Subaru air-cooled, 4-cycle, OHC gasoline		Subaru air-cooled, 4-cycle, OHC gasoline	
Horsepower	5.7 hp	9.0 hp	14.0 hp		5.7 hp	5.7 hp
Low Oil System	Low Oil Shutdown				Low Oil Shutdown	
Spark Arrestor	•	•	•		•	•
Run Time (per tank, full load)	2.5 hours	2.2 hours	2.4 hours		2.5 hours	2.0 hours
Fuel Tank Capacity	.95 gallons	1.61 gallons	1.85 gallons		.95 gallons	.95 gallons
Starting System	Recoil Starter				Recoil Starter	
Dimensions (L x W x H)	24.1" x 18.2" x 18.9"	27.2" x 19.1" x 21.1"	29.3" x 22.0" x 24.6"		20.5" x 15.4" x 17.1"	26" x 17" x 20"
Net Weight	106 lbs.	128 lbs.	177 lbs.		71 lbs.	100 lbs.
Standard Accessories	Tool Kit		Tool Kit		Tool Kit and Vibration Isolators	Tool Kit
Solid Handling	0.8"	1.1"	1.2"		0.2"	1.3"



Specifications subject to change without notice | Always read the owner's manual before use.



PUB-FLPUMP-2K rev. 1/16



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Using an engine indoors can kill you in minutes!
Engine exhaust contains carbon monoxide. This is a
poison you cannot see or smell. Never use inside a home
or garage, even if doors and windows are open. Only use outside
and far away from windows, doors and vents.