

ITT

Residential Water Systems

Goulds Pumps

JRS5X, JRS5K, JRS5L,
JRD5X, JRD5K, JRD5L
Pump and Tank Packages



TANK FEATURES

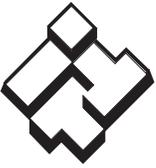
- **Deep Drawn Steel Shells:** Provide maximum material strength.
- **Inner Shell:** Prevents diaphragm from over-expanding.
- **Heavy Duty Diaphragm:** Made of finest quality butyl rubber. Separates air and water, maintains air charge.
- **Interior Tank Lining:** Fusion bonded polymeric lining (durable polypropylene liner used on V15P). Both meet FDA requirements.
- **Maximum Working Pressure:** 100 PSI for V45PST and V60PST, 125 PSI for V15P.
- **Temperature Rating:** Maximum 140° F.
- **Appliance Appearance Exterior Finish:** High durability exterior finish of tough, powder coat over a zinc phosphate surface treatment.
- **Heavy Duty Base:** Eliminates corrosion due to condensation and exposure to the elements. Made of high density polypropylene.



Goulds Pumps is a brand of ITT Corporation.

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APPLICATIONS

Home, farm and cottage water systems and booster service.

PUMP SPECIFICATIONS

Pump:

- Pipe connections:
1" NPT pressure
1¼" NPT suction
1" NPT discharge.
- Pressure switch:
AS4FX preset 30-50 PSI

Motor:

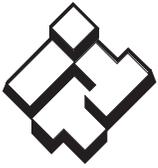
- NEMA service factor.
- 60 Hz.
- ½ HP, 115/230 V capacitor start.
- 3500 RPM.
- Built-in overload with automatic reset.
- Stainless steel shaft.

ORDER INFORMATION

Model No.	HP	Replacement Pump Model No.	Tank Model	Drawdown at	
				20/40 PSI	30/50 PSI
JRSSK	½	JRSSLT	V45PST	5.1	4.3
JRSSL	½	JRSSLT	V60PST	7.3	6.1

PUMP FEATURES

- JRS models have an integral shallow well jet built into the casing, which eliminates the need for a separate shallow well adapter.
- JRD models require a deepwell jet assembly package that must be ordered SEPARATELY.
See twin pipe performance rating chart for jet assembly package order number.
- **Serviceable:**
 - Back pullout design allows disassembly of pump for service without disturbing piping.
 - Two compartment motor for easy access to motor wiring and replaceable components.
 - Corrosion resistant, engineered plastic tubing and fittings are easily removed for cleaning. Premium o-ring design fittings need only be hand tight to seal.
- **Powered for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits. Can be operated continuously without damage.
- **Corrosion Resistant:** Electro-coat paint is applied inside and out, then baked on.
- **Excellent Air Handling Ability:** After initial priming the pump has the ability to re-prime itself even when air gets into the system.
- **Drain Plug:** For ease of winterizing and maintenance.
- **Seal Housing:** Engineered composite. Corrosion and abrasion resistant.
- **Impeller:** F.D.A. compliant, glass filled Noryl®.
- **Diffuser (Guidevane):** F.D.A. compliant, injection molded, food grade, glass filled Lexan®.



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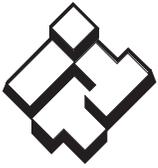
PERFORMANCE RATINGS

Shallow Well Systems

HP/Order No.	½ HP-JRS5				
Nozzle	AN018				
Venturi	AD3330				
Total Suction Lift (Feet)	Discharge Pressure – PSI				Max. Shut-off (PSI)
	20	30	40	50	
	Gallons Per Minute				
5	14.1	13.3	10.5	5.8	64
10	12.4	12.0	9.2	4.2	59
15	10.5	10.0	8.0	2.4	56
20	8.6	8.5	6.6	1.0	53
25	6.7	6.5	5.0	0.6	51

JRS5 PERFORMANCE CURVE (At 0' Suction Lift)



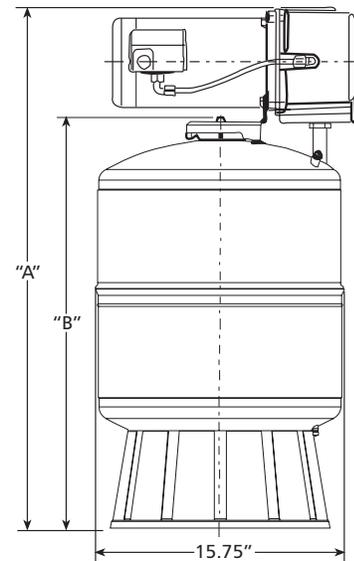


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SYSTEM DIMENSIONS

Model	A (in.)	B (in.)	Tank	Tank Wt. (lb.)	Total Wt. (lb.)
JRD5K	32.5	25.5	V45PST	28	58
JRD5L	40	33	V60PST	40	70
JRS5K	33.0	24.5	V45PST	28	58
JRS5L	40.5	32.0	V60PST	40	70



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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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