

# J SERIES® SUBMERSIBLE TRASH PUMPS



## No Jams, No Clogs

Excellent for sewage bypass and other solids-handling applications. Gorman-Rupp has many models of J Series® submersible pumps. These pumps are available with 3" (75 mm) to 20" (500 mm) discharge sizes, capacities to 15,000 GPM (950 lps) with heads to 265' (81 m) and power ratings from 2.7 to 215 HP.

J Series pumps are designed specifically for trash handling and incorporate several engineering features that prevent jamming and clogging, the two most common problems in pumping fluids containing solids.



[www.GRpumps.com](http://www.GRpumps.com)

## EXTERNAL AXIAL ADJUSTMENT

Gorman-Rupp J Series pumps will operate at peak efficiency by maintaining the proper clearance between the impeller and volute. The impeller clearance can be adjusted quickly and easily by turning three external screws. No disassembly or replacement parts are necessary.

## NO CLOGGING

J Series impellers have a large free passage that will handle up to 5-1/2" (140 mm) diameter spherical solids, depending on the pump model. The semiaxial flow impeller has long, screw-like vanes for handling rags and other debris.

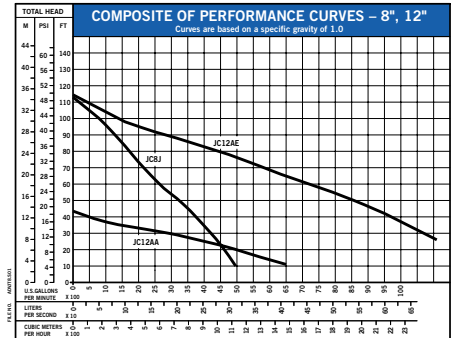
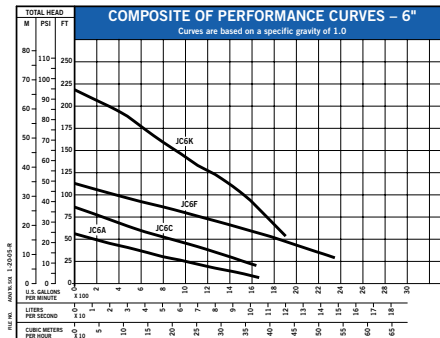
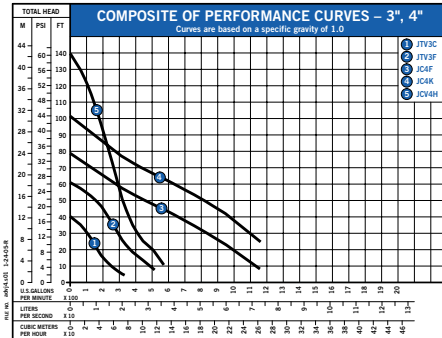


## NO JAMMING

Gorman-Rupp offers two types of innovative J Series impellers. Standard models include a self-cleaning, axial flow single vane impeller that forces debris away from the clearance between the impeller and the volute casing to prevent jamming. In addition, auxiliary impeller vanes eliminate the back flow created by the pressure difference above the clearance. The back flow problem is common with traditional impellers. The auxiliary vanes act like a pump, decreasing the flow through the clearance, keeping impurities away from the area prone to jamming.



Also available in models with cooling jackets.



## Learn More about Gorman-Rupp Submersible Pumps

For more information on Gorman-Rupp submersible pumps go to [www.GRpumps.com](http://www.GRpumps.com)

## J SERIES SUBMERSIBLE DATA

Model	Discharge	Height	Diameter	Max. Solids	Power	Hertz	Speed	Phase	Voltage	Cable Size
JTV3C60-E2.7	3" (75 mm)	25.20" (640 mm)	19.29" (490 mm)	3.15" (80 mm)	2.7 HP	60	1750 RPM	1, 3	230/460/575	#16
JTV3F60-E6.2	3" (75 mm)	28.54" (725 mm)	19.29" (490 mm)	3.15" (80 mm)	6.2 HP	60	1750 RPM	3	230/460/575	#14
JC4F60-E14	4" (100 mm)	40.55" (1030 mm)	24.21" (615 mm)	3.15" (80 mm)	14 HP	60	1750 RPM	3	230/460/575	#10
JCV4H60-E19	4" (100 mm)	38.78" (985 mm)	21.85" (555 mm)	3.23" (82 mm)	19 HP	60	3450 RPM	3	230/460/575	#14
JC4K60-E18	4" (100 mm)	40.55" (1030 mm)	24.21" (615 mm)	3.15" (80 mm)	18 HP	60	1750 RPM	3	230/460/575	#14
JC6A60-E14	6" (150 mm)	41.73" (1060 mm)	34.25" (870 mm)	3.94" (100 mm)	14 HP	60	1750 RPM	3	230/460/575	#10
JC6C60-E23	6" (150 mm)	43.50" (1105 mm)	36.02" (915 mm)	3.94" (100 mm)	23 HP	60	1750 RPM	3	230/460/575	#6
JC6F60-E43	6" (150 mm)	52.95" (1345 mm)	37.60" (955 mm)	4.33" (110 mm)	43 HP	60	1750 RPM	3	230/460/575	#6, #8
JC6K60-E70	6" (150 mm)	60.24" (1530 mm)	42.13" (1070 mm)	3.15" (80 mm)	70 HP	60	1750 RPM	3	460/575	#6
JC8J60-E70	8" (200 mm)	61.22" (1555 mm)	56.50" (1435 mm)	3.94" (100 mm)	70 HP	60	1750 RPM	3	460/575	#6
JC12AA60-E43	12" (300 mm)	69.49" (1765 mm)	69.88" (1775 mm)	5.71" (145 mm)	43 HP	60	850 RPM	3	460/575	#4
JC12AE60-E147	12" (300 mm)	74.80" (1900 mm)	69.88" (1775 mm)	5.71" (145 mm)	147 HP	60	1150 RPM	3	460/575	#1/0, #1

Product information is subject to change; consult factory for details.

This chart represents only a small cross-section of models available. Specifications are subject to change. Consult your Gorman-Rupp distributor for detailed information.

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