

## Super U Series®

Gorman-Rupp Super-U Series® pumps are among the most efficient self-priming, solids handling pumps available. Their unique hydraulic design and smooth wall volute casing minimize friction loss and drag. The multi-vane, open impeller is designed for high efficiency operation yet can still handle limited solids. The pumps not only deliver high efficiencies (up to 75%), they also perform efficiently across a broad operating range. Varying machine loads that cause pumps to operate right or left of its best efficiency point will affect operating efficiency by only a small percentage. These pumps offer the same reliability and performance as the U-Series with additional features.



### Specifications

Size	3" (80 mm), 4" (100 mm), 6" (150 mm)
Min Capacity	30 GPM (2 lps)
Max Capacity	1500 GPM (95 lps)
Min Head	12' (4 m)
Max Head	207' (63 m)
Max Solids	1.25" (32 mm)
Max Temperature	160 F(71 C)
Materials of Construction	Cast Iron, CD4MCu, Stainless Steel

### Features

#### External Shimless Adjustment



The external shimless cover plate allows for easy adjustment of the clearance between the impeller and the wearplate. This process eliminates the need to realign belts, couplings or other drive components. In turn, the working height of the seal assembly and impeller back clearance are not disturbed. The unique collar and adjusting screw allow for incremental adjustments of the wearplate clearance with the turn of a hand. Once adjustments have been made, the collar locks in place maintaining the clearance setting even if the cover plate is removed. This design doubles the life of the impeller and wearplate, and keeps the pump operating at maximum efficiency.

#### Solids Handling Impeller



**Multi-vane, high efficiency solids handling impeller constructed of ductile iron. The impeller will handle up to 1 1/4" diameter solids.**

### **Exclusive Gorman-Rupp Cartridge Seal**

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**Exclusive double-floating, self-aligning, oil lubricated mechanical cartridge seal with stationary and rotating face of silicon carbide or tungsten titanium carbide is specifically designed for abrasive industrial service. Fluorocarbon and PTFE elastomers are also available.**

### **Removable Cover Plate with "Easy-Grip" Handle**

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**The removable cover plate with "easy-grip" handle and pusher bolt capability provides quick and easy access to the pump interior without disconnecting piping. Clogs can be removed and the pump can be returned to service in minutes. Impeller, seal, wearplate and flap valve can also be accessed through cover plate opening for inspection or service.**

### **Removable Rotating Assembly**

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**Inspection of pump shaft or bearings is easily accomplished without disturbing pump casing or piping by removing rotating assembly. Simply remove four bolts from the back of the pump and the assembly slides out.**

### **Five Year Warranty**

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**A five-year manufacturer's warranty is standard on all Gorman-Rupp Super U Series pumps. Replacement rotating assemblies are also warranted 5 years.**

*Specifications are subject to change. Please contact your Gorman-Rupp Distributor for more details.*



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