

Infinitely Manually Adjustable

A simple turn of the Manual Flow Control (MFC), while the pump is running at a constant speed, allows the operator to vary from maximum volume down to zero, for an infinite selection of discharge volume settings.

A Unique Design For All Kinds Of Weather And Pumpages

The stroke length of the pumping members is governed by the position of the handwheel stem, independent of pump shaft speed, allowing the **V-Head Pump** to perform over a wide range of conditions.

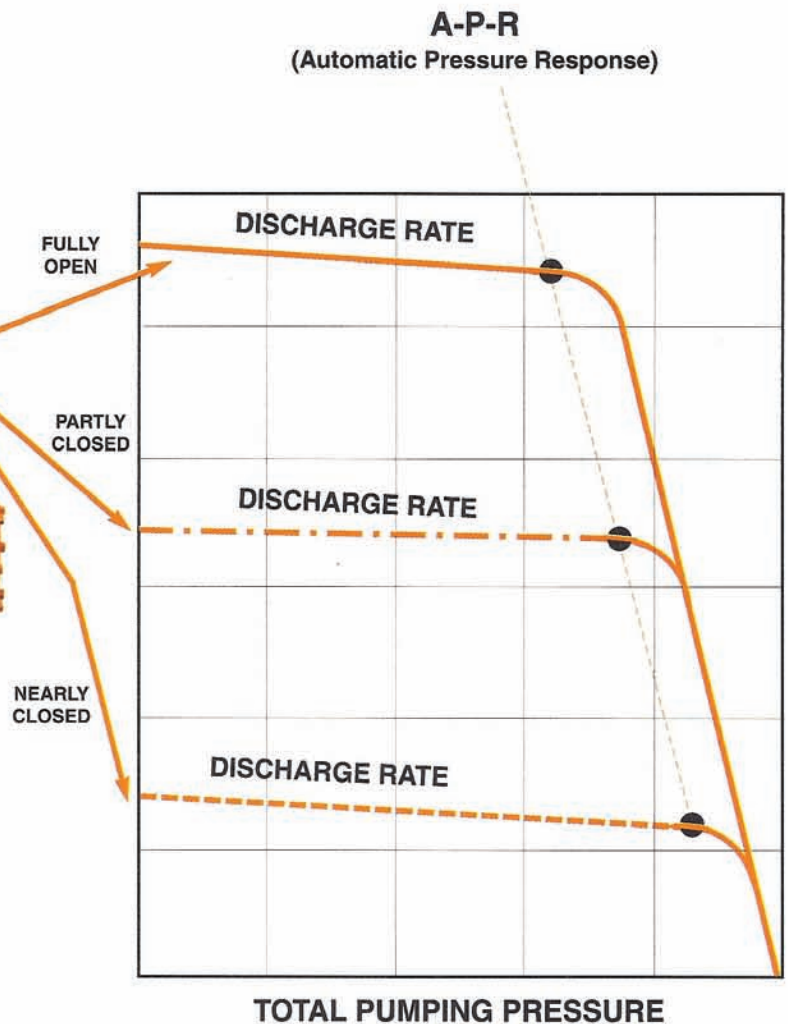
- **Cold Starting and Heavy Pumpages:** With the Manual Flow Control (MFC) fully closed (zero stroke), the pump is easily started without overloading the motor or damaging the pump. Thereafter, the gradual opening of the control initiates the flow of pumpage.

- **Multi-Purpose Utilization:** A Tri-Rotor Pump not only replaces several pumps of differing flow rates by simply adjusting its flow control, but, and without changing speed, the same **V-Head Pump** can handle various viscosity pumpages by reducing stroke lengths to accommodate more viscous liquids without cavitation.



Up to the A-P-R point, delivery rate is constant.

Above the A-P-R point, automatic control is activated.



Metering Vernier Flow Control

For accurate automatic metering of pumpage

The Vernier Flow Control's (VFC) micrometer assembly, most in direct reading percentage, offers precise settings of discharge rates. By replacing the MFC (handwheel) with the VFC, a high degree of accuracy is possible. If metering characteristics are necessary for the entire pressure range of the pump, thereby eliminating the need for the **automatic** variable volume control, the V-Head can be furnished with a "positive" control (PVFC).