

VariPocket™ UNLOADER

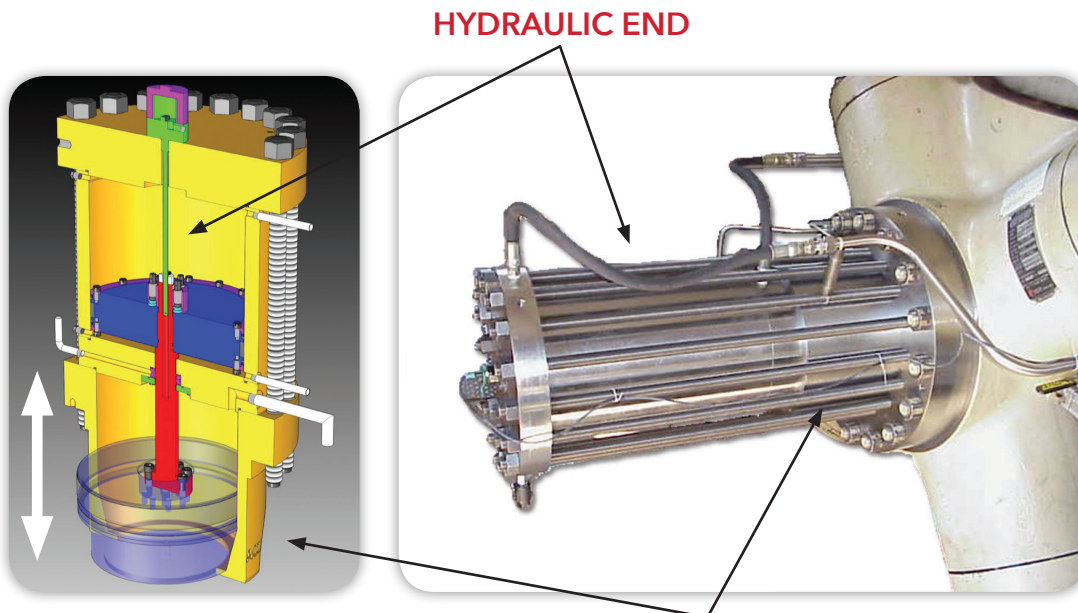
ACI VariPocket™ unloader is a field-proven infinite step variable head end cylinder capacity control device. It eliminates the need for manual variable volume clearance pocket adjustments. The VariPocket™ utilizes a hydraulic actuator that is controlled via suction and discharge gas pressure for accurate positioning of the volume pocket piston, adding the appropriate amount of fixed clearance for either capacity or load control.

The VariPocket™ concept often pays for itself in a matter of months. The VariPocket™ can more precisely control capacity or load by offering an infinite control within the design range of the device. For capacity control, it may effectively remove the need for power consuming recycle or bypass valves. For load control, it will allow full utilization of driver power to maximize gas throughput.

By quickly reacting to changing field conditions, and via precise control of equipment load, a VariPocket™ unloader maximizes return on investment by providing additional revenue from increased gas throughput. The ACI VariPocket™ system can be supplied on new or reapplied OEM cylinders or it can be custom-designed for application to existing compressors.

With ACI's eRCM™ performance software, ACI can evaluate the advantages of integrating the VariPocket™ capacity control concept into an existing application. Additionally, ACI can develop optimum unloading sequences, provide performance algorithms for automation, or even a complete automation solution.

Call ACI Services Inc. to discuss your specific application.



HYDRAULIC END

ADDITIONAL CLEARANCE END

