

**STANDARD FULL FLOW
 SEAL WATER CONTROL SYSTEM
 (Showing Optional Spray Nozzle Condensing System)**

The Standard Full Flow Sealing Liquid Control System is offered as an option for each Vooner liquid ring vacuum pump. This package includes the components necessary to properly regulate sealant flow to the vacuum pump. If this option is chosen, the pump will be shipped with the sealing liquid control system assembled and pre-piped to the vacuum pump.

Each Sealing Liquid Control System includes the following:

- Temperature Gauge – measures water temperature
- Solenoid Valve - stops water flow when pump motor is stopped
- Pressure Gauges – measure water pressure before and after orifice union to determine flow
- "Y" strainer – protects system components
- Orifice Union – measures water flow with P Gauges
- Shut-off Valve – starts/stops water flow
- Flow Control Valve – adjusts seal water flow

The following table shows nominal pipe sizes and pricing for each Vooner model:

Pump Model	VG3	VG4	VG7	VG10	VG20	VG30	VG40
Nominal Pipe Size	½"	1"	1"	1"	1.5"	1.5"	1.5"

Below is a schematic diagram of the Standard Sealing Liquid Control System:

(Optional Spray Nozzle Condensing System is shown in box. Call Vooner for details)

